

CADENCE DESIGN SYSTEMS INC

Form 10-K

February 23, 2007

**Table of Contents**

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**FORM 10-K**

(Mark One)

- ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES  
EXCHANGE ACT OF 1934**

**For the fiscal year ended December 30, 2006**

**OR**

- TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES  
EXCHANGE ACT OF 1934**

**For the transition period from \_\_\_\_\_ to \_\_\_\_\_**

**Commission file number 0-15867**

**CADENCE DESIGN SYSTEMS, INC.**

(Exact Name of Registrant as Specified in its Charter)

**Delaware**

(State or Other Jurisdiction of  
Incorporation or Organization)

**2655 Seely Avenue, Building 5, San Jose, California**

(Address of Principal Executive Offices)

**77-0148231**

(I.R.S. Employer  
Identification No.)

**95134**

(Zip Code)

**(408) 943-1234**

(Registrant's Telephone Number, including Area Code)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class  
**Common Stock, \$0.01 par value per share**

Names of Each Exchange on which Registered  
**NASDAQ Global Select Market**

Securities registered pursuant to Section 12(g) of the Act:

**None**

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes  No

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (check one):

Large accelerated filer  Accelerated filer  Non-accelerated filer

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes  No

The aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the price at which the common equity was last sold as of the last business day of the registrant's most recently completed second fiscal quarter ended July 1, 2006 was \$4,910,530,182.

On February 3, 2007, approximately 279,823,852 shares of the Registrant's Common Stock, \$0.01 par value, were outstanding.

#### **DOCUMENTS INCORPORATED BY REFERENCE**

Portions of the definitive proxy statement for the Cadence Design Systems, Inc. 2007 Annual Meeting are incorporated by reference into Part III hereof.

---

**CADENCE DESIGN SYSTEMS, INC.  
2006 FORM 10-K ANNUAL REPORT  
Table of Contents**

		<b>Page</b>
 <b><u>PART I.</u></b>		
<u>Item 1.</u>	<u>Business</u>	1
<u>Item 1A.</u>	<u>Risk Factors</u>	10
<u>Item 1B.</u>	<u>Unresolved Staff Comments</u>	22
<u>Item 2.</u>	<u>Properties</u>	22
<u>Item 3.</u>	<u>Legal Proceedings</u>	23
<u>Item 4.</u>	<u>Submission of Matters to a Vote of Security Holders</u>	23
 <b><u>PART II.</u></b>		
<u>Item 5.</u>	<u>Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities</u>	25
<u>Item 6.</u>	<u>Selected Financial Data</u>	28
<u>Item 7.</u>	<u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	28
<u>Item 7A.</u>	<u>Quantitative and Qualitative Disclosures About Market Risk</u>	56
<u>Item 8.</u>	<u>Financial Statements and Supplementary Data</u>	56
<u>Item 9.</u>	<u>Changes in and Disagreements with Accountants on Accounting and Financial Disclosure</u>	56
<u>Item 9A.</u>	<u>Controls and Procedures</u>	56
<u>Item 9B.</u>	<u>Other Information</u>	57
 <b><u>PART III.</u></b>		
<u>Item 10.</u>	<u>Directors, Executive Officers and Corporate Governance</u>	58
<u>Item 11.</u>	<u>Executive Compensation</u>	58

<u>Item 12.</u>	<u>Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters</u>	58
<u>Item 13.</u>	<u>Certain Relationships and Related Transactions and Director Independence</u>	58
<u>Item 14.</u>	<u>Principal Accountant Fees and Services</u>	58
<b><u>PART IV.</u></b>		
<u>Item 15.</u>	<u>Exhibits and Financial Statement Schedules</u>	59
	<u>Signatures</u>	119
<u>EXHIBIT 4.03</u>		
<u>EXHIBIT 4.04</u>		
<u>EXHIBIT 4.05</u>		
<u>EXHIBIT 10.01</u>		
<u>EXHIBIT 10.07</u>		
<u>EXHIBIT 10.12</u>		
<u>EXHIBIT 10.17</u>		
<u>EXHIBIT 10.43</u>		
<u>EXHIBIT 10.47</u>		
<u>EXHIBIT 10.84</u>		
<u>EXHIBIT 10.85</u>		
<u>EXHIBIT 10.86</u>		
<u>EXHIBIT 10.87</u>		
<u>EXHIBIT 10.88</u>		
<u>EXHIBIT 10.89</u>		
<u>EXHIBIT 10.90</u>		
<u>EXHIBIT 10.91</u>		
<u>EXHIBIT 10.92</u>		
<u>EXHIBIT 10.93</u>		
<u>EXHIBIT 10.94</u>		
<u>EXHIBIT 10.95</u>		
<u>EXHIBIT 21.01</u>		
<u>EXHIBIT 23.01</u>		
<u>EXHIBIT 31.01</u>		
<u>EXHIBIT 31.02</u>		
<u>EXHIBIT 32.01</u>		
<u>EXHIBIT 32.02</u>		

---

**Table of Contents**

**PART I.**

**Item 1. Business**

*This Annual Report on Form 10-K and the documents incorporated by reference in this Annual Report contain forward-looking statements. Certain of such statements, including, without limitation, statements regarding the extent and timing of future revenues and expenses and customer demand, statements regarding the deployment of our products, statements regarding our reliance on third parties and other statements using words such as anticipates, believes, could, estimates, expects, intends, may, plans, should, will and would, and words of similar import and the negatives thereof, constitute forward-looking statements. These statements are predictions based upon our current expectations about future events. Actual results could vary materially as a result of certain factors, including but not limited to, those expressed in these statements. We refer you to the Proprietary Technology, Competition, Risk Factors, Results of Operations, Disclosures About Market Risk and Liquidity and Capital Resources sections contained in this Annual Report and the risks discussed in our other Securities Exchange Commission, or SEC, filings, which identify important risks and uncertainties that could cause actual results to differ materially from those contained in the forward-looking statements.*

*We urge you to consider these factors carefully in evaluating the forward-looking statements contained in this Annual Report. All subsequent written or spoken forward-looking statements attributable to our company or persons acting on our behalf are expressly qualified in their entirety by these cautionary statements. The forward-looking statements included in this Annual Report are made only as of the date of this Annual Report. We do not intend, and undertake no obligation, to update these forward-looking statements.*

**Overview**

We develop electronic design automation, or EDA, software and hardware. We license software, sell or lease hardware technology and provide design and methodology services throughout the world to help manage and accelerate electronics product development processes. Our broad range of products and services are used by the world's leading electronics companies to design and develop complex integrated circuits, or ICs, and personal and commercial electronics systems. We have approximately 5,200 employees, in approximately 60 sales offices, design centers and research and development facilities located around the world.

We were formed as a Delaware corporation in April 1987. Our headquarters is located at 2655 Seely Avenue, San Jose, California 95134. Our telephone number is (408) 943-1234. Our website can be accessed at [www.cadence.com](http://www.cadence.com). We make available free of charge copies of our SEC filings and submissions on the investor relations page of our website at [www.cadence.com](http://www.cadence.com) as soon as practicable after electronically filing or furnishing such documents with the SEC. Our Corporate Governance Guidelines, Code of Business Conduct and the charters of the Audit Committee, Compensation Committee and Corporate Governance and Nominating Committee of our Board of Directors are also posted on the investor relations page of our website at [www.cadence.com](http://www.cadence.com). Stockholders may also request copies of these documents by writing to our Corporate Secretary at the address above.

**Factors Driving the Electronic Design Automation Industry**

Communications, business productivity and consumer electronics markets drove growth in the electronics industry for most of the past decade. However, in recent years, the consumer market has been the fastest growing end market for electronics and the most influential in setting expectations for rapid change, low cost, miniaturization and increasing functionality.

Electronic systems companies respond to these demands by combining subsystems such as radio frequency wireless communication, or RF, video signal processing, and embedded computing onto a single silicon chip, creating a system-on-chip, or SoC, or onto multiple chips in a single chip package in a format referred to as system-in-package, or SiP. These trends toward subsystem integration have required chip makers to find solutions to challenges previously addressed by system companies, such as verifying system-level functionality and hardware-software interoperability.

## **Table of Contents**

SoC designs put many more transistors on each chip, increasing the need for tight control over power consumption. This is done not only to increase battery life in portable devices, but also to minimize energy cost and limit heat generation, which threaten the reliability of a device. Evolving semiconductor manufacturing processes with smaller features (transistors and wires) and lower supply voltages address both of these issues to some degree, but introduce new challenges of their own. Contemporary portable electronic devices contain chips in which individual features can be as small as 65 nanometers – about 6/100,000ths of a millimeter. Because of atomic level interactions in the transistors, these chips continue to consume power from the battery even when the device is switched off. To overcome these issues, specific low power design techniques must be developed and must be integrated throughout the design flow, from logic design and verification through physical implementation.

Variability in the processes used to manufacture silicon chips has become so pervasive at 65 nanometers and below that traditional connections between design and manufacturing teams are insufficient to ensure chip performance and yield. Integrating detailed models of the manufacturing process into the chip design environment is desirable so engineers can craft the design to avoid or overcome these manufacturing process variations. Similarly, manufacturing teams can optimize their processes if, along with the design, they are provided with information about the most critical parts of the chip. However, sharing information between design and manufacturing processes is complicated because current data formats used to describe the chip design differ from data formats used to describe the manufacturing process and control the manufacturing equipment. Moreover, design and manufacturing often takes place within two separate companies – one company designs the chip while another company manufactures it.

These trends pose significant new challenges for the electronics design processes. Specifically, product performance and size requirements of the mobile consumer electronics market require microelectronic systems to be smaller, consume less power and provide multiple functions all in one SoC or SiP package. This requires designers to pay close attention to many electrical, physical and manufacturing effects that were inconsequential in previous generations of chip designs. The design challenge becomes more complex with each new generation of electronics, and providers of EDA solutions must deliver products that address these technical challenges, while improving the efficiency and productivity of the design process.

## **Operating Segment**

Our chief operating decision maker is our President and Chief Executive Officer, or CEO. Our CEO reviews our consolidated results within only one operating segment.

## **Products**

Our products are engineered to improve our customers' design productivity and resulting design quality by providing a comprehensive set of EDA design products. Product revenues include all fees earned from granting licenses to use our software, and from sales and leases of our hardware products, and exclude revenues derived from maintenance and services. We offer customers three license types for our software: perpetual, term and subscription. See Software Licensing Arrangements below for additional discussion of our license types.

Product revenue was \$982.7 million, or 66% of our total revenue, in 2006, \$851.5 million, or 64% of our total revenue, in 2005 and \$729.8 million, or 61% of our total revenue, in 2004.

## **Product Strategy**

With the addition of emerging nanometer design considerations to the already burgeoning set of traditional design tasks, complex SoC or IC design can no longer be accomplished using a collection of discrete design tools. What previously consisted of sequential design activities must be merged and accomplished nearly simultaneously without

time-consuming data translation steps. We combine our design technologies into platforms for four major design activities: functional verification, digital IC design, custom IC design and system interconnect. The four Cadence® design platforms are Incisive® functional verification, Encounter® digital IC design, Virtuoso® custom design and Allegro® system interconnect platforms. In addition, we augment these platform product offerings with a comprehensive set of design for manufacturing, or DFM, products that service both the digital and custom IC design flows. These four platforms, together with our DFM products, comprise our primary product lines.

## **Table of Contents**

### *Incisive Functional Verification Platform*

The Incisive functional verification platform enables our customers to employ enterprise-level verification process automation, including verification planning, management and process tracking, with coordination of all verification activities across teams of specialists and different execution platforms.

The Incisive platform is tailored for three customer segments:

- Design engineers using traditional hardware description languages and testing techniques;
- Design teams that are also responsible for verification and need more automation; and
- Multi-specialist enterprise teams comprised of systems, software, hardware verification, system validation, and logic design teams.

The Incisive platform includes verification process automation technologies, methodologies, and verification intellectual property, or IP, for many standard protocols. Products include:

- The Incisive Design Team and Enterprise Manager, which automates and guides the verification process and then analyzes data, from planning to closure;
- The Incisive Design Team and Enterprise Simulator, which offers mixed-language support, dynamic assertion checking, transaction-level support, HDL analysis and a complete debug environment;
- The Incisive Formal Verifier, which shortens design and verification time while improving design quality by providing a formal means of verifying RTL functional correctness with assertions, without the need of testbench simulation, and also provides an effective means of providing predictable, fast RTL block bring-up and assertion-based verification; and
- The Palladium® and Extreme® series of emulation and acceleration solutions, which accelerate the verification process and enable first working silicon with first working software.

The Incisive Plan-to-Closure methodology (supported by technical field experts) is designed to enable the scalable deployment of best practices and to mitigate our customers' language, technology and methodology adoption risks.

### *Encounter Digital IC Design Platform*

The Encounter digital IC design platform enables our customers to implement all aspects of their digital nanometer-scale designs. It is based on a single user interface and unified in-memory data model, and is specifically designed to facilitate the analysis and optimization of chip performance, power consumption, and silicon area and manufacturability throughout our customers' design processes. The Encounter platform is comprised of the following core technologies:

- Silicon virtual prototyping for enabling designers to plan the complete implementation of a chip before committing to a specific design strategy;
- Global register transfer level, or RTL, and physical synthesis for creating and physically locating logic on the chip, while simultaneously optimizing performance, power, cost and yield;
- Signal integrity and yield-aware routing for connecting high performance physical interconnect between the logic gates;
- Signal integrity and nanometer delay analysis;
- Comprehensive design-for-test capability as well as post-silicon test diagnostics; and
- Logic equivalence checking and design constraint management capability for designers to verify that their RTL specification is equivalent to the final IC layout.

Unlike traditional front-end/back-end systems, the Encounter platform does not require customers to perform time-consuming translations between common tasks such as placement, power distribution, routing, and timing and crosstalk analysis. The Encounter platform supports hierarchical designs, with support for designs containing hundreds of millions of transistors on a single chip. Since 2005, the Encounter platform has been offered in three levels: Encounter L, XL and GXL. These levels are scaled to provide customers with technologies tailored to specific degrees of design complexity in the digital IC space.

## **Table of Contents**

### *Virtuoso Custom Design Platform*

The Virtuoso custom design platform enables design predictability by ensuring that the circuit design representation will perform correctly in the final manufactured chip. With the Virtuoso platform, designers are able to deliver silicon-accurate analog, custom digital, RF, and mixed-signal designs, while addressing the growing number of physical effects in package, power grid, interconnect, devices and substrate employing a top-down language-based design.

The Virtuoso platform reduces design time by providing:

- Reference flows for analog, mixed-signal, RF and analog-digital integration focused at the wireless and analog/mixed-signal markets;
- Automatic analog circuit sizing and optimization (including yield optimization);
- Multi-mode simulation (digital, analog and RF) using a common syntax and model, and common equations;
- Fast custom layout technologies;
- Process migration technology;
- Electrical vs. physical effects analysis; and
- Physical design integration and silicon analysis for complex custom, cell-based and mixed custom designs.

The OpenAccess<sup>tm</sup> database (described below in [Third Party Programs and Initiatives](#) ) is used as a mechanism for integration across the Virtuoso platform.

With the 2006 introduction of the Virtuoso 6.1.0 platform we completed our Virtuoso platform product segmentation which began in 2005. The Virtuoso L, XL and GXL offerings provide our customers with a diverse set of custom design capabilities for entry-level design to the most complex DFM-aware designs.

### *Allegro System Interconnect Design Platform*

The Allegro system interconnect design platform enables design teams to design high-performance interconnect across the domains of IC, package and printed circuit board, or PCB, reducing cost and time to market. The system interconnect between input-output buffers and across ICs, packages and PCBs can be optimized through the platform's co-design methodology, reducing both hardware costs and design cycles. Designers use the Allegro platform's constraint-driven methodology and advanced capabilities for design capture, signal integrity and physical implementation. Silicon design-in kits speed time to market by allowing IC companies to shorten new device adoption time and allowing systems companies to accelerate PCB system design cycles. In 2006, with the release of our SiP products, we have entered an emerging market designed to accelerate products to market where designers are looking for alternatives between SoCs and PCBs. In 2006, the Allegro L, XL and GXL products were introduced along with the XL and GXL offerings for Cadence's SiP products.

The system interconnect product group includes the Allegro system interconnect platform, the OrCAD<sup>®</sup> product line of PCB design products which are engineered for individual or small design team productivity and a family of IC packaging and SiP technologies. The OrCAD product line is marketed worldwide through a network of alternative channel partners.

### *Design for Manufacturing*

The physical layout of each IC requires detailed analysis and optimization to ensure that the design can be manufactured in volume while performing as expected. Some of our products that deliver DFM capabilities for

nanometer SoC design include:

Fire & Ice<sup>®</sup> QX and Assura<sup>®</sup> RCX extraction products, which take the designer's physical representation of an IC and extract the electrical properties of that design representation to enable further analyses, such as simulation and timing analysis;

## **Table of Contents**

Products in the VoltageStorm® family, which analyze on-chip power distribution for digital, analog and SoC designs. VoltageStorm detects unanticipated voltage drop, enabling the customer to correct fatal conditions, thereby preventing extensive troubleshooting and delay during initial manufacturing; Our physical verification products, including Cadence Physical Verification System, Assura, Diva® and Dracula®, which perform manufacturing design rule checks to ensure the proposed design meets the requirements of the foundry's manufacturing process rules; Mask data preparation tools, such as MaskCompose and QuickView, which help customer mask shops create mask and reticle layouts for chips being manufactured in nanometer processes; and Design Virtual Interconnect Predictor, which helps customers understand the impact of chemical-metal planarization, one of the major steps in the semiconductor manufacturing process, on their chip performance at advanced silicon geometries.

### *Kits*

Today's growing silicon complexity creates an array of design challenges for semiconductor and systems design teams. Among these challenges is the application of EDA technologies to overcome design hurdles in certain key markets driving the semiconductor industry, particularly the wireless and digital personal entertainment segments. Cadence kits are designed to allow companies in these sectors to achieve shorter, more predictable design cycles and greater design productivity by greatly simplifying the application and integration of EDA technologies and verification IP to address major design challenges in these markets: analog-mixed signal, or AMS, RF, SiP, low power and verification.

Each kit addresses application-specific design issues by combining a verified methodology and enabling standards-based IP—all applied to a segment representative design and delivered with application consulting. Following the introduction of the AMS Methodology and RF Design Methodology Kits, in 2006 we introduced the RF SiP Methodology Kit and the Functional Verification Kit for ARM.

### *Verification and Application Specific Programming Services*

We offer verification and application specific programming, or ASP, services through Time-to-Market Engineering, or TtME, services. Our TtME offering provides customers with consulting services, project services and/or complete turnkey services for verification acceleration and system emulation. QuickCycles allows customers access to our Palladium simulation acceleration and emulation products on a pay-as-you-go basis, either on the customer internet site or remotely over a high-speed, secure network connection.

### *Third Party Programs and Initiatives*

We recognize that certain of our customers may also use internally-developed design tools or design tools provided by other EDA companies, as well as IP available from multiple suppliers. We support the integration of third party design products through our OpenAccess Initiative and Connections® and OpenChoice programs. OpenAccess is a full-featured EDA database that supports access and manipulation of its internal EDA data via a fully documented and freely available programming interface. This provides an open application program interface through which applications developed by our customers, by their other EDA vendors, or by university research groups can all operate within a single database and with our products. We have licensed the OpenAccess database to the OpenAccess Coalition, which is operated by the Silicon Integration Initiative, or Si2, an organization of EDA, electronic system and semiconductor industry leaders focused on improving productivity and reducing cost in creating and producing integrated silicon systems.

The Connections Program provides other EDA companies with access to our products to ensure that our products work well with those third party tools. Over 130 EDA providers are members of the Connections Program. The

OpenChoice program was instituted to enable interoperability and facilitate open collaboration with leading providers of library, processor, memory core and verification IP to build, validate and deliver accurate models optimized for Cadence design and verification solutions. The program aims to ensure IP quality and provide our customers with access to optimized IP. A key component of the OpenChoice program is to assist and support library

## **Table of Contents**

providers in the integration of our design and verification products and model formats into customer-owned tooling, or COT, library solutions.

In 2006, we formed the Power Forward Initiative with a group of 22 electronics industry leaders who recognized the urgent need for an automated, power-aware design infrastructure to facilitate the production of ICs that consume significantly less power. The goal of the group is to participate in the refinement and standardization of the Common Power Format, or CPF. CPF is a specification language that holistically captures low-power design intent so that it can be communicated consistently throughout the IC design process. We have contributed the CPF specification to Si2, which will manage the standardization, maintenance and distribution of CPF for the benefit of the electronics industry.

In addition, we work with vendors of Application Specific Integrated Circuits, or ASICs, to ensure predictable and smooth handoff of design data from mutual customers to ASIC implementation. These programs foster relationships throughout the silicon design chain with leading IP partners, silicon manufacturers and library provider partners to support both ASIC and COT solutions for our customers. They are integral to providing complete design chain solutions to IC and electronic systems designers who depend on coordinated offerings from multiple suppliers.

## **Maintenance**

We provide technical support to our customers to facilitate their use of our software and hardware products. A high level of customer service and support is critical to the adoption and successful use of our products.

We have a global customer support organization and specialized field application engineering teams located in each of our operating regions to provide assistance to customers where and when they need it.

Standard maintenance support includes three major components: our Sourcelink<sup>®</sup> online support portal, which provides 24 hour access to real-time technical information on our products; contact center support (telephone, email and web access to our support engineers); and software updates (periodic updates with regression-tested critical fixes and updated functionality available via CDs or secure internet download).

Maintenance is offered to customers as an integral, non-cancelable component of our subscription license agreements, or as a separate agreement subject to annual renewal for our term and perpetual license customers.

Some of our customers have relocated, or expanded the presence of their design teams, away from their headquarters or historical locations to locations in emerging growth regions. Accordingly, to provide responsive and effective support for these customers, we expect to continue expanding the presence of our own support and application engineering teams in these emerging growth regions.

Maintenance revenue was \$366.3 million, or 25% of our total revenue, in 2006, \$351.5 million, or 26% of our total revenue, in 2005 and \$330.7 million, or 28% of our total revenue, in 2004. We expect that maintenance revenue in 2007 will be generated predominantly from backlog.

## **Services**

We offer a number of fee-based services, including education and engineering services related to IC design and methodology. These services may be sold separately or sold and performed in conjunction with the sale, lease or license of our products.

Services revenue was \$134.9 million, or 9% of our total revenue, in 2006, \$126.2 million, or 9% of our total revenue, in 2005 and \$137.0 million, or 11% of our total revenue, in 2004.

*Education Services*

Our education services include Internet, classroom and custom courses, the content of which ranges from how to use the most recent features of our EDA products to instruction in the latest IC design techniques.

## **Table of Contents**

### *Engineering Services*

We offer engineering services and reusable design technologies to aid customers with the design of complex ICs. We focus our offerings primarily on SoC devices, including both ASICs and Application Specific Standard Parts, and on analog and mixed signal ICs. The customers for these services primarily consist of semiconductor and systems companies developing products for the communications, computing and consumer markets. We offer engineering capabilities to assist customers from product concept through volume manufacturing.

We also make our design IP portfolio available to customers as part of our technology and services solutions. These reusable design and methodology components enable us to more efficiently deliver our services, and allow our customers to reduce the design complexity and time to market for the development of complex SoCs.

In our design and methodology service practices, we leverage our cumulative experience and knowledge of design practices across many customers and different design environments to improve our own service teams and our customers' productivity. We work with customers using outsourcing, consultative and collaborative models depending on their projects and needs. Our Virtual Computer-Aided Design, or VCAD, model enables our engineering teams at one or more of our locations to virtually work side-by-side with our customers' teams located elsewhere during the course of their design and engineering projects through a secure private network infrastructure.

Through collaboration with our customers, we are able to design advanced ICs and gain direct and early visibility to industry design issues that may not be addressed adequately by today's EDA solutions. This enables us to accelerate the development of new software technology and products to meet the market's current and future design requirements.

### **Marketing and Sales**

We generally use a direct sales force consisting of sales people and applications engineers to market our products and provide maintenance and services to existing and prospective customers. Applications engineers provide technical pre-sales and post-sales support for software products. Due to the complexity of many of our EDA products and the electronic design process in general, the sales cycle is generally long, requiring three to six months or more. During the sales cycle, our direct sales force generally provides technical presentations, product demonstrations and support for on-site customer evaluation of our software. We also use traditional marketing approaches to promote our products and services, including advertising, direct mail, telemarketing, trade shows, public relations and the Internet. As EDA products mature and become widely understood by the marketplace, we selectively utilize value added resellers to broaden our reach and reduce cost of sales. All OrCAD and selected Incisive products are primarily marketed through these channels. With respect to international sales, we generally market and support our products and services through our subsidiaries.

### **Software Licensing Arrangements**

We sell software using three license types: subscription, term and perpetual. Customers who prefer to license technology for a specified, limited period of time will choose either a subscription or term license, and customers who prefer to have the right to use the technology continuously without time restriction will choose a perpetual license. Customers who desire rights to remix in new technology during the life of the contract will select a subscription license, which allows them limited access to unspecified new technology on a when-and-if-available basis, as opposed to a term or perpetual license which does not include remix rights to new technology. Payment terms for subscription and term licenses generally provide for payments to be made in installments over the license period and payment terms for perpetual licenses generally are net 30 days.

Our revenue recognition depends on a number of contract-specific terms and conditions, including the license type, payment terms, creditworthiness of the customer and other factors as more fully described in this Annual Report under the heading Critical Accounting Estimates under Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations. Revenue associated with subscription licenses is recognized over multiple periods during the license term, whereas product revenue associated with term and perpetual licenses is generally recognized upon the later of the effective date of the license or delivery of the product, assuming all

## **Table of Contents**

other criteria for revenue recognition have been met. Although it can vary from quarter to quarter, approximately two-thirds of our product revenue was recognized from backlog during each of the past three years.

Our revenue and results of operations may miss expectations due to a shortfall in product revenue generated from current transactions or variance in the actual mix of license types executed in any given period, and due to other contract-specific terms and conditions as discussed above. We are subject to greater credit risk on subscription and term licenses, as compared to perpetual licenses, due to the installment payment terms generally associated with those license types. Otherwise, the particular risks to us of one license type versus another type do not vary considerably.

From time to time we sell receivables generated by our licenses with installment payment terms to third party financing institutions on a non-recourse or limited-recourse basis.

For a further description of our license agreements, revenue recognition policies and results of operations, please refer to the discussion under the heading "Critical Accounting Estimates" under Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations."

## **Research and Development**

Our investment in research and development was \$460.1 million in 2006, \$390.7 million in 2005 and \$368.1 million in 2004.

The primary areas of our research and development include SoC design, the design of silicon devices in the nanometer range, high-performance IC packaging, SiP and PCB design, system-level modeling and verification, high-performance logic verification technology and hardware/software co-verification. Because the electronics industry combines rapid innovation with rapidly increasing design and manufacturing complexity, we make significant investments in enhancing our current products, as well as creating new products and technologies and integrating those products and technologies together into segmented solutions.

Our future performance depends largely on our ability to maintain and enhance our current product development and commercialization to meet advancing semiconductor manufacturing capability and design complexity, develop, acquire or interface to new products from third parties, and develop solutions that meet increasingly demanding productivity, quality, predictability and cost requirements. In addition to our research and development team, we maintain Cadence Laboratories, an advanced research group responsible for exploring specific new technologies, moving those technologies into product development and maintaining strong industry relationships.

## **Manufacturing and Distribution**

Our software production consists of configuring the customer's order, outsourcing the recording of the product electronically or on CD-ROM, and producing customer-unique access keys that allow customers to use licensed products. Software and documentation are primarily distributed to customers by secure electronic delivery. User manuals and other documentation are generally available by secure electronic delivery or on CD-ROM, but are occasionally supplied in hard copy format.

Cadence performs final assembly and test of its hardware verification, acceleration and emulation products in San Jose, California. Subcontractors manufacture all major subassemblies, including all individual PCBs and custom ICs, and supply them to us for qualification and testing prior to their incorporation into the assembled product.

## **Proprietary Technology**

Our success depends, in part, upon our proprietary technology. We generally rely on patents, copyrights, trademarks, trade secret laws, licenses and restrictive agreements to establish and protect our proprietary rights in technology and products. Many of our products include software or other intellectual property licensed from third parties. We may have to seek new licenses or renew existing licenses for this third party software and other intellectual property in the future. As part of performing design and methodology services for customers, our design

## **Table of Contents**

and methodology services business licenses certain software and other intellectual property of third parties, including that of our competitors.

## **Competition**

We compete in the EDA market for products and maintenance primarily with three companies: Synopsys, Inc., Mentor Graphics Corporation and Magma Design Automation, Inc. We also compete with numerous smaller EDA companies, with manufacturers of electronic devices that have developed or have the capability to develop their own EDA products, and with numerous electronics design and consulting companies. We generally compete on the basis of product quality, product features, integration in a platform or compatibility with other tools, price, payment terms and maintenance offerings.

Our maintenance business flows directly from our product business. The competitive issues associated with our maintenance business are substantially the same as those for our product business in that every maintenance contract is the direct result of a product contract, and once we have entered into a product contract, maintenance is generally purchased by the customer to ensure access to bug fixes and service releases, as and when they are made available, and other continued support.

Certain competitive factors in the design and methodology services business as described herein differ from those of the products and maintenance businesses. While we do compete with other EDA companies in the design and methodology services business, we compete more with independent design and methodology service businesses. These companies vary greatly in focus, geographic location, capability, cost structure and pricing. In addition, manufacturers of electronic devices may be reluctant to purchase services from independent vendors, such as Cadence, because they wish to promote their own internal design departments. We compete with these companies by focusing on the design of complex analog and digital ICs. It is our strategy to use design and methodology services as a differentiator to further promote our products and maintenance businesses.

## **Backlog**

Our backlog on December 30, 2006 was approximately \$1.9 billion, as compared to \$1.8 billion on December 31, 2005. Backlog consists of revenue to be recognized in future fiscal periods after December 30, 2006 from:

- Subscription licenses for software products;
- Sale or lease of hardware;
- Maintenance contracts on hardware and software products;
- Orders for hardware and software products sold on perpetual and term licenses on which customers have delivery dates after December 30, 2006;
- Licenses with payments that are outside our customary terms; and
- The undelivered portion of design and methodology services contracts.

The substantial majority of our backlog is generated by our product and maintenance businesses because customer licenses generally include both product and maintenance components. Historically, we have not experienced significant cancellations of our contracts with customers. However, we often reschedule the required completion dates of design and methodology services contracts which, at times, defers revenue recognition under those contracts beyond the original expected completion date. Changes in customer license types or payment terms also can impact the timing of revenue recognition.

## **Revenue Seasonality**

Historically, orders and revenue have been lowest in our first quarter and highest in our fourth quarter, with a material decline between the fourth quarter of one year and the first quarter of the next year. We expect the first quarter will remain our lowest quarter for orders and revenues; orders and revenues in other quarters will vary based on the particular timing and type of licenses entered into with large customers.

## **Table of Contents**

### **International Operations**

We have approximately 60 sales offices, design centers and research and development facilities located around the world. We consider customer sales and support requirements, the availability of a skilled workforce, and costs and efficiencies, among other relative benefits, when determining what operations to locate internationally. For additional information regarding our international operations, see the discussion under the heading *The effect of foreign exchange rate fluctuations and other risks to our international operations may seriously harm our financial condition* in Item 1A, Risk Factors and Note 21 to our Consolidated Financial Statements.

### **Employees**

As of December 30, 2006, we employed approximately 5,200 individuals, with approximately 1,900 in sales, services, marketing, support and manufacturing activities, approximately 2,700 in product research and development and approximately 600 in management, administration and finance. None of our employees are represented by a labor union, and we have experienced no work stoppages. We believe that our employee relations are good.

### **Item 1A. Risk Factors**

*Our business faces many risks. Described below are what we believe to be the material risks that we face. If any of the events or circumstances described in the following risks actually occurs, our business, financial condition or results of operations could suffer.*

#### **Risks Related to Our Business**

*We are subject to the cyclical nature of the integrated circuit and electronics systems industries, and any downturn in these industries may reduce our revenue.*

Purchases of our products and services are dependent upon the commencement of new design projects by IC manufacturers and electronics systems companies. The IC and electronics systems industries are cyclical and are characterized by constant and rapid technological change, rapid product obsolescence and price erosion, evolving standards, short product life cycles and wide fluctuations in product supply and demand.

The IC and electronics systems industries have experienced significant downturns, often connected with, or in anticipation of, maturing product cycles of both these industries and their customers products and a decline in general economic conditions. These downturns have been characterized by diminished product demand, production overcapacity, high inventory levels and accelerated erosion of average selling prices. Any economic downturn in the industries we serve could harm our business, operating results or financial condition.

*Our failure to respond quickly to technological developments could make our products uncompetitive and obsolete.*

The industries in which we compete experience rapid technology developments, changes in industry standards, changes in customer requirements and frequent new product introductions and improvements. Currently, the industries we serve are experiencing several revolutionary trends:

Migration to nanometer design: the size of features such as wires, transistors and contacts on ICs continuously shrink due to the ongoing advances in semiconductor manufacturing processes. Process feature sizes refer to the width of the transistors and the width and spacing of interconnect on the IC. Feature size is normally identified by the transistor length, which is shrinking rapidly to 65 nanometers and

smaller. This is commonly referred to in the semiconductor industry as the migration to nanometer design. It represents a major challenge for participants in the semiconductor industry, from IC design and design automation to design of manufacturing equipment and the manufacturing process itself. Shrinkage of transistor length to such proportions is challenging the industry in the application of more complex physics and chemistry that is needed to realize advanced silicon devices. For EDA tools, models of each component's electrical properties and behavior become more complex as do requisite analysis, design and verification capabilities. Novel design tools and methodologies must be invented quickly to remain competitive in the design of electronics in the smallest nanometer ranges.

## **Table of Contents**

The challenges of nanometer design are leading some customers to work with older, less risky manufacturing processes. This may reduce their need to upgrade their EDA products and design flows. The ability to design system-on-a-chip devices, or SoCs, increases the complexity of managing a design that, at the lowest level, is represented by billions of shapes on the fabrication mask. In addition, SoCs typically incorporate microprocessors and digital signal processors that are programmed with software, requiring simultaneous design of the IC and the related software embedded on the IC.

With the availability of seemingly endless gate capacity, there is an increase in design reuse, or the combining of off-the-shelf design IP with custom logic to create ICs. The unavailability of high-quality design IP that can be reliably incorporated into a customer's design with Cadence IC implementation products and services could reduce demand for our products and services.

Increased technological capability of the Field-Programmable Gate Array, which is a programmable logic chip, creates an alternative to IC implementation for some electronics companies. This could reduce demand for Cadence's IC implementation products and services.

A growing number of low-cost design and methodology services businesses could reduce the need for some IC companies to invest in EDA products.

If we are unable to respond quickly and successfully to these developments, we may lose our competitive position, and our products or technologies may become uncompetitive or obsolete. To compete successfully, we must develop or acquire new products and improve our existing products and processes on a schedule that keeps pace with technological developments and the requirements for products addressing a broad spectrum of designers and designer expertise in our industries. We must also be able to support a range of changing computer software, hardware platforms and customer preferences. We cannot guarantee that we will be successful in this effort.

***We have experienced varied operating results, and our operating results for any particular fiscal period are affected by the timing of significant orders for our software products, fluctuations in customer preferences for license types and the timing of revenue recognition under those license types.***

We have experienced, and may continue to experience, varied operating results. In particular, we have experienced net losses for some past periods and we may experience net losses in future periods. Various factors affect our operating results and some of them are not within our control. Our operating results for any period are affected by the timing of significant orders for our software products because a significant number of licenses for our software products are in excess of \$5.0 million.

Our operating results are also affected by the mix of license types executed in any given period. We license software using three different license types: subscription, term and perpetual. Product revenue associated with term and perpetual licenses is generally recognized at the beginning of the license period, whereas product revenue associated with subscription licenses is recognized over multiple periods during the term of the license. Revenue may also be deferred under term and perpetual licenses until payments become due and payable from customers with nonlinear payment terms or as cash is collected from customers with lower credit ratings. In addition, revenue is impacted by the timing of license renewals, the extent to which contracts contain flexible payment terms and the mix of license types (i.e., perpetual, term or subscription) for existing customers, which changes could have the effect of accelerating or delaying the recognition of revenue from the timing of recognition under the original contract.

We plan operating expense levels primarily based on forecasted revenue levels. These expenses and the impact of long-term commitments are relatively fixed in the short term. A shortfall in revenue could lead to operating results below expectations because we may not be able to quickly reduce these fixed expenses in response to these short-term business changes.

You should not view our historical results of operations as reliable indicators of our future performance. If revenue or operating results fall short of the levels expected by public market analysts or investors, the trading price of our common stock could decline dramatically.

**Table of Contents**

***Our future revenue is dependent in part upon our installed customer base continuing to license or buy additional products, renew maintenance agreements and purchase additional services.***

Our installed customer base has traditionally generated additional new license, service and maintenance revenues. In future periods, customers may not necessarily license or buy additional products or contract for additional services or maintenance. Maintenance is generally renewable annually at a customer's option, and there are no mandatory payment obligations or obligations to license additional software. If our customers decide not to renew their maintenance agreements or license additional products or contract for additional services, or if they reduce the scope of the maintenance agreements, our revenue could decrease, which could have an adverse effect on our results of operations.

***We may not receive significant revenue from our current research and development efforts for several years, if at all.***

Internally developing software products, integrating acquired software products and integrating intellectual property into existing platforms is expensive, and these investments often require a long time to generate returns. Our strategy involves significant investments in software research and development and related product opportunities. We believe that we must continue to dedicate a significant amount of resources to our research and development efforts to maintain our competitive position. However, we cannot predict that we will receive significant, if any, revenue from these investments.

***Our failure to attract, train, motivate and retain key employees may make us less competitive in our industries and therefore harm our results of operations.***

Our business depends on the efforts and abilities of our employees. The high cost of training new employees, not fully utilizing these employees, or losing trained employees to competing employers could reduce our gross margins and harm our business or operating results. Competition for highly skilled employees can be intense, particularly in geographic areas recognized as high technology centers such as the Silicon Valley area, where our principal offices are located, and the other locations where we maintain facilities. If economic conditions continue to improve and job opportunities in the technology industry become more plentiful, we may experience increased employee attrition and increased competition for skilled employees. To attract, retain and motivate individuals with the requisite expertise, we may be required to grant large numbers of stock options or other stock-based incentive awards, which may be dilutive to existing stockholders and increase compensation expense. We may also be required to pay key employees significant base salaries and cash bonuses, which could harm our operating results.

In addition, the NASDAQ Marketplace Rules require stockholder approval for new equity compensation plans and significant amendments to existing plans, including increases in shares available for issuance under such plans, and prohibit NASDAQ member organizations from giving a proxy to vote on equity compensation plans unless the beneficial owner of the shares has given voting instructions. These regulations could make it more difficult for us to grant equity compensation to employees in the future. To the extent that these regulations make it more difficult or expensive to grant equity compensation to employees, we may incur increased compensation costs or find it difficult to attract, retain and motivate employees, which could materially and adversely affect our business.

***We have acquired and expect to acquire other companies and businesses and may not realize the expected benefits of these acquisitions.***

We have acquired and expect to acquire other companies and businesses in the future. While we expect to carefully analyze each potential acquisition before committing to the transaction, we may not be able to integrate and manage

acquired products and businesses effectively. In addition, acquisitions involve a number of risks. If any of the following events occurs after we acquire another business, it could seriously harm our business, operating results or financial condition:

- Difficulties in combining previously separate businesses into a single unit;
- The substantial diversion of management's attention from day-to-day business when evaluating and negotiating these transactions and integrating an acquired business;
- The discovery, after completion of the acquisition, of liabilities assumed from the acquired business or of assets acquired for which we cannot realize the anticipated value;

**Table of Contents**

The failure to realize anticipated benefits such as cost savings and revenue enhancements;  
The failure to retain key employees of the acquired business;  
Difficulties related to integrating the products of an acquired business in, for example, distribution, engineering and customer support areas;  
Unanticipated costs;  
Customer dissatisfaction with existing license agreements with Cadence which may dissuade them from licensing or buying products acquired by Cadence after the effective date of the license; and  
The failure to understand and compete effectively in markets in which we have limited experience.

In a number of our previously completed acquisitions, we have agreed to make future payments, or earnouts, based on the performance of the businesses we acquired. The performance goals pursuant to which these future payments may be made generally relate to achievement by the acquired business of certain specified bookings, revenue, product proliferation, product development or employee retention goals during a specified period following completion of the applicable acquisition. Future acquisitions may involve issuances of stock as full or partial payment of the purchase price for the acquired business, grants of incentive stock or options to employees of the acquired businesses (which may be dilutive to existing stockholders), expenditure of substantial cash resources or the incurrence of material amounts of debt.

The specific performance goal levels and amounts and timing of contingent purchase price payments vary with each acquisition. In connection with our acquisitions completed prior to December 30, 2006, we may be obligated to pay up to an aggregate of \$4.8 million in cash during the next 12 months and an additional \$2.0 million in cash in periods after the next 12 months through August 2008 if certain performance goals related to one or more of the criteria mentioned above are achieved in full.

***The competition in our industries is substantial and we may not be able to continue to successfully compete in our industries.***

The EDA market and the commercial electronics design and methodology services industries are highly competitive. If we fail to compete successfully in these industries, it could seriously harm our business, operating results or financial condition. To compete in these industries, we must identify and develop or acquire innovative and cost-competitive EDA products, integrate them into platforms and market them in a timely manner. We must also gain industry acceptance for our design and methodology services and offer better strategic concepts, technical solutions, prices and response time, or a combination of these factors, than those of other design companies and the internal design departments of electronics manufacturers. We cannot assure you that we will be able to compete successfully in these industries. Factors that could affect our ability to succeed include:

The development by others of competitive EDA products or platforms and design and methodology services, which could result in a shift of customer preferences away from our products and services and significantly decrease revenue;  
Decisions by electronics manufacturers to perform design and methodology services internally, rather than purchase these services from outside vendors due to budget constraints or excess engineering capacity;  
The challenges of developing (or acquiring externally-developed) technology solutions that are adequate and competitive in meeting the requirements of next-generation design challenges;  
The significant number of current and potential competitors in the EDA industry and the low cost of entry;  
Intense competition to attract acquisition targets, which may make it more difficult for us to acquire companies or technologies at an acceptable price or at all; and  
The combination of or collaboration among many EDA companies to deliver more comprehensive offerings than they could individually.

We compete in the EDA products market primarily with Synopsys, Inc., Mentor Graphics Corporation and Magma Design Automation, Inc. We also compete with numerous smaller EDA companies, with manufacturers of electronic devices that have developed or have the capability to develop their own EDA products, and with numerous electronics design and consulting companies. Manufacturers of electronic devices may be reluctant to

## **Table of Contents**

purchase design and methodology services from independent vendors such as us because they wish to promote their own internal design departments.

***We may need to change our pricing models to compete successfully.***

The highly competitive markets in which we compete can put pressure on us to reduce the prices of our products. If our competitors offer deep discounts on certain products in an effort to recapture or gain market segment share or to sell other software or hardware products, we may then need to lower our prices or offer other favorable terms to compete successfully. Any such changes would be likely to reduce our profit margins and could adversely affect our operating results. Any substantial changes to our prices and pricing policies could cause sales and software license revenues to decline or be delayed as our sales force implements and our customers adjust to the new pricing policies. Some of our competitors may bundle products for promotional purposes or as a long-term pricing strategy or provide guarantees of prices and product implementations. These practices could, over time, significantly constrain the prices that we can charge for our products. If we cannot offset price reductions with a corresponding increase in the number of sales or with lower spending, then the reduced license revenues resulting from lower prices could have an adverse effect on our results of operations.

***We rely on our proprietary technology as well as software and other intellectual property rights licensed to us by third parties, and we cannot assure you that the precautions taken to protect our rights will be adequate or that we will continue to be able to adequately secure such intellectual property rights from third parties.***

Our success depends, in part, upon our proprietary technology. We generally rely on patents, copyrights, trademarks, trade secret laws, licenses and restrictive agreements to establish and protect our proprietary rights in technology and products. Despite precautions we may take to protect our intellectual property, third parties have tried in the past, and may try in the future, to challenge, invalidate or circumvent these safeguards. The rights granted under our patents or attendant to our other intellectual property may not provide us with any competitive advantages and there is no guarantee that patents will be issued on any of our pending applications and future patents may not be sufficiently broad to protect our technology. Furthermore, the laws of foreign countries may not protect our proprietary rights in those countries to the same extent as applicable law protects these rights in the United States. Many of our products include software or other intellectual property licensed from third parties. We may have to seek new or renew existing licenses for such software and other intellectual property in the future. Our design and methodology services business holds licenses to certain software and other intellectual property owned by third parties, including that of our competitors. Our failure to obtain, for our use, software or other intellectual property licenses or other intellectual property rights on favorable terms, or the need to engage in litigation over these licenses or rights, could seriously harm our business, operating results or financial condition.

***We could lose key technology or suffer serious harm to our business because of the infringement of our intellectual property rights by third parties or because of our infringement of the intellectual property rights of third parties.***

There are numerous patents in the EDA industry and new patents are being issued at a rapid rate. It is not always practicable to determine in advance whether a product or any of its components infringes the patent rights of others. As a result, from time to time, we may be compelled to respond to or prosecute intellectual property infringement claims to protect our rights or defend a customer's rights. For example, on November 8, 2006, an individual filed suit against us, Magma Design Automation, Inc., Dyalith Systems, Inc., Altera Corp., Mentor Graphics Corp. and Aldec, Inc. in the United States District Court for the Eastern District of Texas. The suit alleges that certain products of Cadence and the other defendants infringe a patent for an electronic simulation and emulation system owned by the plaintiff. The plaintiff seeks unspecified damages and attorneys' fees and costs. We dispute the plaintiff's claims and intend to defend the lawsuit vigorously.

Intellectual property infringement claims, regardless of merit, could consume valuable management time, result in costly litigation, or cause product shipment delays, all of which could seriously harm our business, operating results or financial condition. In settling these claims, we may be required to enter into royalty or licensing agreements with the third parties claiming infringement. These royalty or licensing agreements, if available, may not have terms favorable to us. Being compelled to enter into a license agreement with unfavorable

## **Table of Contents**

terms could seriously harm our business, operating results or financial condition. Any potential intellectual property litigation could compel us to do one or more of the following:

- Pay damages (including the potential for treble damages), license fees or royalties (including royalties for past periods) to the party claiming infringement;
- Stop licensing products or providing services that use the challenged intellectual property;
- Obtain a license from the owner of the infringed intellectual property to sell or use the relevant technology, which license may not be available on reasonable terms, or at all; or
- Redesign the challenged technology, which could be time-consuming and costly, or not be accomplished.

If we were compelled to take any of these actions, our business or results of operations may suffer.

***If our security measures are breached and an unauthorized party obtains access to customer data, our information systems may be perceived as being unsecure and customers may curtail or stop their use of our products and services.***

Our products and services involve the storage and transmission of customers' proprietary information, and breaches of our security measures could expose us to a risk of loss or misuse of this information, litigation and potential liability. Because techniques used to obtain unauthorized access or to sabotage information systems change frequently and generally are not recognized until launched against a target, we may be unable to anticipate these techniques or to implement adequate preventive measures. If an actual or perceived breach of our security occurs, the market perception of the effectiveness of our security measures could be harmed and we could lose existing customers and our ability to obtain new customers.

***We may not be able to effectively implement our restructuring activities, and our restructuring activities may not result in the expected benefits, which would negatively impact our future results of operations.***

The EDA market and the commercial electronics design and methodology services industries are highly competitive and change quickly. We have responded to increased competition and changes in the industries in which we compete, in part, by restructuring our operations and at times reducing the size of our workforce. Despite our restructuring efforts in prior years, we may not achieve all of the operating expense reductions and improvements in operating margins and cash flows anticipated from those restructuring activities in the periods contemplated. Our inability to realize these benefits may result in an inefficient business structure that could negatively impact our results of operations.

As part of our restructuring activities in prior years, we have reduced the workforce in certain revenue-generating portions of our business. These reductions in staffing levels could require us to forego certain future opportunities due to resource limitations, which could negatively affect our long-term revenues.

We cannot assure you that we will not be required to implement further restructuring activities or reductions in our workforce based on changes in the markets and industries in which we compete or that any future restructuring efforts will be successful.

***The long sales cycle of our products and services makes the timing of our revenue difficult to predict and may cause our operating results to fluctuate unexpectedly.***

We have a long sales cycle that generally extends at least three to six months. The length of the sales cycle may cause our revenue or operating results to vary from quarter to quarter. The complexity and expense associated with our business generally require a lengthy customer education, evaluation and approval process. Consequently, we may

incur substantial expenses and devote significant management effort and expense to develop potential relationships that do not result in agreements or revenue and may prevent us from pursuing other opportunities.

**Table of Contents**

In addition, sales of our products and services may be delayed if customers delay approval or commencement of projects because of:

The timing of customers' competitive evaluation processes; or  
Customers' budgetary constraints and budget cycles.

Long sales cycles for acceleration and emulation hardware products subject us to a number of significant risks over which we have limited control, including insufficient, excess or obsolete inventory, variations in inventory valuation and fluctuations in quarterly operating results.

Also, because of the timing of large orders and our customers' buying patterns, we may not learn of bookings shortfalls, revenue shortfalls, earnings shortfalls or other failures to meet market expectations until late in a fiscal quarter. These factors may cause our operating results to fluctuate unexpectedly.

***The effect of foreign exchange rate fluctuations and other risks to our international operations may seriously harm our financial condition.***

We have significant operations outside the United States. Our revenue from international operations as a percentage of total revenue was approximately 48% in 2006, 54% in 2005 and 50% in 2004. We expect that revenue from our international operations will continue to account for a significant portion of our total revenue. We also transact business in various foreign currencies. Recent economic and political uncertainty and the volatility of foreign currencies in certain regions, most notably the Japanese yen, European Union euro, British pound and Indian rupee have had, and may in the future have, a harmful effect on our revenue or operating results.

Fluctuations in the rate of exchange between the United States dollar and the currencies of other countries in which we conduct business could seriously harm our business, operating results or financial condition. For example, if there is an increase in the rate at which a foreign currency exchanges into United States dollars, it will take more of the foreign currency to equal the same amount of United States dollars than before the rate increase. If we price our products and services in the foreign currency, we will receive fewer United States dollars than we did before the rate increase went into effect. If we price our products and services in United States dollars, an increase in the exchange rate will result in an increase in the price for our products and services compared to those products of our competitors that are priced in local currency. This could result in our prices being uncompetitive in markets where business is transacted in the local currency.

Exposure to foreign currency transaction risk can arise when transactions are conducted in a currency different from the functional currency of one of our subsidiaries. A subsidiary's functional currency is generally the currency in which it primarily conducts its operations, including product pricing, expenses and borrowings. Although we attempt to reduce the impact of foreign currency fluctuations, significant exchange rate movements may hurt our results of operations as expressed in United States dollars.

Our international operations may also be subject to other risks, including:

The adoption or expansion of government trade restrictions;  
Limitations on repatriation of earnings;  
Limitations on the conversion of foreign currencies;  
Reduced protection of intellectual property rights in some countries;  
Recessions in foreign economies;  
Longer collection periods for receivables and greater difficulty in collecting accounts receivable;

Difficulties in managing foreign operations;  
Political and economic instability;  
Unexpected changes in regulatory requirements;  
Tariffs and other trade barriers; and  
United States and other governments' licensing requirements for exports, which may lengthen the sales cycle or restrict or prohibit the sale or licensing of certain products.

We have offices throughout the world, including key research and development facilities outside of the United States. Our operations are dependent upon the connectivity of our operations throughout the world. Activities that

**Table of Contents**

interfere with our international connectivity, such as computer hacking or the introduction of a virus into our computer systems, could significantly interfere with our business operations.

***Our operating results could be adversely affected as a result of changes in our effective tax rates.***

Our future effective tax rates could be adversely affected by the following:

- Earnings being lower than anticipated in countries where we are taxed at lower rates as compared to the United States federal and state statutory tax rates;
- An increase in expenses not deductible for tax purposes, including certain stock-based compensation, write-offs of acquired in-process research and development and impairment of goodwill;
- Changes in the valuation of our deferred tax assets and liabilities;
- Changes in tax laws or the interpretation of such tax laws;
- New accounting standards or interpretations of such standards;
- A change in our decision to indefinitely reinvest foreign earnings outside the United States; or
- Results of tax examinations by the Internal Revenue Service, or IRS, and state and foreign tax authorities.

Any significant change in our future effective tax rates could adversely impact our results of operations for future periods.

***We have received examination reports from the Internal Revenue Service proposing deficiencies in certain of our tax returns, and the outcome of current and future tax examinations may have a material adverse effect on our results of operations and cash flows.***

The IRS and other tax authorities regularly examine our income tax returns. In November 2003, the IRS completed its field examination of our federal income tax returns for the tax years 1997 through 1999 and issued a Revenue Agent's Report, or RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$143.0 million. The most significant of the disputed adjustments for the tax years 1997 through 1999 relates to transfer pricing arrangements that we have with a foreign subsidiary. We have filed a protest to certain of the proposed adjustments with the Appeals Office of the IRS where the matter is currently being considered.

In July 2006, the IRS completed its field examination of our federal income tax returns for the tax years 2000 through 2002 and issued an RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$324.0 million. In November 2006, the IRS revised the proposed aggregate tax deficiency for the three-year period to be approximately \$318.0 million. The IRS is contesting our qualification for deferred recognition of certain proceeds received from restitution and settlement in connection with litigation during the period. The proposed tax deficiency for this item is approximately \$152.0 million. The remaining proposed tax deficiency of approximately \$166.0 million is primarily related to proposed adjustments to our transfer pricing arrangements that we have with foreign subsidiaries and to our deductions for foreign trade income. The IRS took similar positions with respect to our transfer pricing arrangements in the prior examination period and may make similar claims against our transfer pricing arrangements in future examinations. We have filed a timely protest with the IRS and will seek resolution of the issues through the Appeals Office of the IRS.

We believe that the proposed IRS adjustments are inconsistent with applicable tax laws and we are challenging these proposed adjustments vigorously. The RARs are not final Statutory Notices of Deficiency but the IRS imposes interest on the proposed deficiencies until the matters are resolved. Interest is compounded daily at rates published by the IRS, which rates are adjusted quarterly and have been between four and ten percent since 1997.

Significant judgment is required in determining our provision for income taxes. The calculation of our tax liabilities involves dealing with uncertainties in the application of complex tax regulations. In determining the adequacy of our provision for income taxes, we regularly assess the likelihood of adverse outcomes resulting from tax examinations including the RARs for the tax years 1997 through 2002. We provide for tax liabilities on our Consolidated Balance Sheets unless we consider it probable that additional taxes will not be due. However, the ultimate outcome of tax examinations, including the total amount payable or the timing of any such payments upon resolution of these issues, cannot be predicted with certainty. In addition, we cannot assure you that such amount

## **Table of Contents**

will not be materially different than that which is reflected in our historical income tax provisions and accruals. Should the IRS or other tax authorities assess additional taxes as a result of a current or a future examination, we may be required to record charges to operations in future periods that could have a material impact on the results of operations, financial position or cash flows in the applicable period or periods.

***Forecasting our estimated annual effective tax rate is complex and subject to uncertainty, and material differences between forecasted and actual tax rates could have a material impact on our results of operations.***

Forecasts of our income tax position and resultant effective tax rate are complex and subject to uncertainty because our income tax position for each year combines the effects of a mix of profits and losses earned by us and our subsidiaries in tax jurisdictions with a broad range of income tax rates, as well as benefits from available deferred tax assets, the impact of various accounting rules and changes to these rules and costs resulting from tax audits. To forecast our global tax rate, pre-tax profits and losses by jurisdiction are estimated and tax expense by jurisdiction is calculated. If the mix of profits and losses, our ability to use tax credits, or effective tax rates by jurisdiction is different than those estimates, our actual tax rate could be materially different than forecasted, which could have a material impact on our results of operations.

***Failure to obtain export licenses could harm our business by rendering us unable to ship products and transfer our technology outside of the United States.***

We must comply with regulations of the United States Department of Commerce and of certain other countries in shipping our software products and transferring our technology outside the United States and to foreign nationals. Although we have not had any significant difficulty complying with such regulations so far, any significant future difficulty in complying could harm our business, operating results or financial condition.

***Errors or defects in our products and services could expose us to liability and harm our reputation.***

Our customers use our products and services in designing and developing products that involve a high degree of technological complexity, each of which has its own specifications. Because of the complexity of the systems and products with which we work, some of our products and designs can be adequately tested only when put to full use in the marketplace. As a result, our customers or their end users may discover errors or defects in our software or the systems we design, or the products or systems incorporating our design and intellectual property may not operate as expected. Errors or defects could result in:

- Loss of customers;
- Loss of market segment share;
- Failure to attract new customers or achieve market acceptance;
- Diversion of development resources to resolve the problem;
- Loss of or delay in revenue;
- Increased service costs; and
- Liability for damages.

***If we become subject to unfair hiring claims, we could be prevented from hiring needed employees, incur liability for damages and incur substantial costs in defending ourselves.***

Companies in our industry whose employees accept positions with competitors frequently claim that these competitors have engaged in unfair hiring practices or that the employment of these persons would involve the disclosure or use of trade secrets. These claims could prevent us from hiring employees or cause us to incur liability for damages. We could also incur substantial costs in defending ourselves or our employees against these claims, regardless of their

merits. Defending ourselves from these claims could also divert the attention of our management away from our operations.

***Our business is subject to the risk of earthquakes, floods and other natural catastrophic events.***

Our corporate headquarters, including certain of our research and development operations and certain of our distribution facilities, is located in the Silicon Valley area of Northern California, which is a region known to experience seismic activity. In addition, several of our facilities, including our corporate headquarters, certain of our

## **Table of Contents**

research and development operations, and certain of our distribution operations, are in areas of San Jose, California that have been identified by the Director of the Federal Emergency Management Agency, or FEMA, as being located in a special flood area. The areas at risk are identified as being in a one hundred year flood plain, using FEMA's Flood Hazard Boundary Map or the Flood Insurance Rate Map. If significant seismic or flooding activity were to occur, our operations may be interrupted, which would adversely impact our business and results of operations.

***We maintain research and development and other facilities in parts of the world that are not as politically stable as the United States, and as a result we may face a higher risk of business interruption from acts of war or terrorism than businesses located only or primarily in the United States.***

We maintain international research and development and other facilities, some of which are in parts of the world that are not as politically stable as the United States. Consequently, we may face a greater risk of business interruption as a result of terrorist acts or military conflicts than businesses located domestically. Furthermore, this potential harm is exacerbated given that damage to or disruptions at our international research and development facilities could have an adverse effect on our ability to develop new or improve existing products as compared to other businesses which may only have sales offices or other less critical operations abroad. We are not insured for losses or interruptions caused by acts of war or terrorism.

## **Risks Related to Our Securities and Indebtedness**

***Our debt obligations expose us to risks that could adversely affect our business, operating results or financial condition, and could prevent us from fulfilling our obligations under such indebtedness.***

We have a substantial level of debt. As of December 30, 2006, we had \$758.4 million of outstanding indebtedness as follows:

- \$250.0 million related to our 1.375% Convertible Senior Notes due 2011, or the 2011 Notes;
- \$250.0 million related to our 1.500% Convertible Senior Notes due 2013, or the 2013 Notes and, together with the 2011 Notes, the Convertible Senior Notes;
- \$230.4 million related to our Zero Coupon Zero Yield Senior Convertible Notes due 2023, or 2023 Notes; and
- \$28.0 million related to the term loan incurred by our wholly-owned Irish subsidiary Castlewilder, or the Term Loan, which we have guaranteed.

The level of our indebtedness, among other things, could:

- Make it difficult for us to satisfy our payment obligations on our debt as described below;
- Make us more vulnerable in the event of a downturn in our business;
- Reduce funds available for use in our operations;
- Make it difficult for us to incur additional debt or obtain any necessary financing in the future for working capital, capital expenditures, debt service, acquisitions or general corporate purposes;
- Limit our flexibility in planning for or reacting to changes in our business;
- Make us more vulnerable in the event of an increase in interest rates if we must incur new debt to satisfy our obligations under the Convertible Senior Notes, the 2023 Notes or the Term Loan; or
- Place us at a possible competitive disadvantage relative to less leveraged competitors and competitors that have greater access to capital resources.

If we experience a decline in revenue due to any of the factors described in this section entitled Risk Factors, or otherwise, we could have difficulty paying amounts due on our indebtedness. In the case of the 2023 Notes, although

they mature in 2023, the holders of the 2023 Notes may require us to repurchase for cash all or any portion of the 2023 Notes on August 15, 2008 for 100.25% of the principal amount, August 15, 2013 for 100.00% of the principal amount and August 15, 2018 for 100.00% of the principal amount. As a result, although the 2023 Notes mature in 2023, the holders may require us to repurchase the 2023 Notes at an additional premium in 2008, which makes it probable that we will be required to repurchase the 2023 Notes in 2008 if they have not first been repurchased by us or are not otherwise converted.

**Table of Contents**

If we are prohibited from paying our outstanding indebtedness, we could try to obtain the consent of the lenders under those arrangements to make such payment, or we could attempt to refinance the borrowings that contain the restrictions. If we do not obtain the necessary consents or refinance the borrowings, we may be unable to satisfy our outstanding indebtedness. Any such failure would constitute an event of default under our indebtedness, which could, in turn, constitute a default under the terms of any other indebtedness then outstanding.

If we are unable to generate sufficient cash flow or otherwise obtain funds necessary to make required payments, or if we fail to comply with the various requirements of our indebtedness, we would be in default, which would permit the holders of our indebtedness to accelerate the maturity of the indebtedness and could cause defaults under our other indebtedness as well. Any default under our indebtedness could have a material adverse effect on our business, operating results and financial condition. In addition, a material default on our indebtedness could suspend our eligibility to register securities using certain registration statement forms under SEC guidelines that permit incorporation by reference of substantial information regarding us, which could potentially hinder our ability to raise capital through the issuance of our securities and will increase the costs of such registration to us.

***Conversion of the 2023 Notes or the Convertible Senior Notes will dilute the ownership interests of existing stockholders.***

The terms of the 2023 Notes and the Convertible Senior Notes permit the holders to convert the 2023 Notes and the Convertible Senior Notes into shares of our common stock. The 2023 Notes are convertible into our common stock initially at a conversion price of \$15.65 per share, which would result in an aggregate of approximately 14.7 million shares of our common stock being issued upon conversion, subject to adjustment upon the occurrence of specified events. The terms of the Convertible Senior Notes stipulate a net share settlement, which upon conversion of the Convertible Senior Notes requires us to pay the principal amount in cash and the conversion premium, if any, in shares of our common stock based on a daily settlement amount, calculated on a proportionate basis for each day of the relevant 20 trading-day observation period. The initial conversion rate for the Convertible Senior Notes is 47.2813 shares of our common stock per \$1,000 principal amount of Convertible Senior Notes, equivalent to a conversion price of approximately \$21.15 per share of our common stock. The conversion price is subject to adjustment in some events but will not be adjusted for accrued interest, except in limited circumstances. The conversion of some or all of the 2023 Notes or the Convertible Senior Notes will dilute the ownership interest of our existing stockholders. Any sales in the public market of the common stock issuable upon conversion could adversely affect prevailing market prices of our common stock.

Prior to the conversion of the 2023 Notes, if the trading price of our common stock exceeds \$22.69 per share over specified periods, basic net income per share will be diluted. We may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount. The holders of the 2023 Notes may require us to repurchase for cash all or any portion of their 2023 Notes on August 15, 2008 for 100.25% of the principal amount, on August 15, 2013 for 100.00% of the principal amount, or on August 15, 2018 for 100.00% of the principal amount, by providing to the paying agent a written repurchase notice. The repurchase notice must be delivered during the period commencing 30 business days prior to the relevant repurchase date and ending on the close of business on the business day prior to the relevant repurchase date. We may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount, except for those 2023 Notes that holders have required us to repurchase on August 15, 2008 or on other repurchase dates, as described above.

Each \$1,000 of principal of the 2023 Notes is initially convertible into 63.879 shares of our common stock, subject to adjustment upon the occurrence of specified events. Holders of the 2023 Notes may convert their 2023 Notes prior to maturity only if:

The price of our common stock reaches \$22.69 during certain periods of time specified in the 2023 Notes;  
Specified corporate transactions occur;  
The 2023 Notes have been called for redemption; or  
The trading price of the 2023 Notes falls below a certain threshold.

As a result, although the 2023 Notes mature in 2023, the holders may require us to repurchase their notes at an additional premium in 2008, which makes it probable that we will be required to repurchase the 2023 Notes in 2008

**Table of Contents**

if they have not first been repurchased by us or are not otherwise converted. As of December 30, 2006, none of the conditions allowing holders of the 2023 Notes to convert had been met.

Each \$1,000 of principal of the Convertible Senior Notes is initially convertible into 47.2813 shares of our common stock, subject to adjustment upon the occurrence of specified events. Holders of the Convertible Senior Notes may convert their notes at their option on any day prior to the close of business on the scheduled trading day immediately preceding December 15, 2011 in the case of the 2011 Notes and December 15, 2013 in the case of the 2013 Notes, in each case only if:

- The price of our common stock reaches \$27.50 during certain periods of time specified in the Convertible Senior Notes;
- Specified corporate transactions occur; or
- The trading price of the Convertible Senior Notes falls below a certain threshold.

On and after November 2, 2011, in the case of the 2011 Notes, and November 1, 2013, in the case of 2013 Notes, until the close of business on the scheduled trading day immediately preceding the maturity date of such Convertible Senior Notes, holders may convert their Convertible Senior Notes at any time, regardless of the foregoing circumstances. As of December 30, 2006, none of the conditions allowing holders of the Convertible Senior Notes to convert had been met.

Although the conversion price of the 2023 Notes is currently \$15.65 per share, the hedge and warrant transactions that we entered into in connection with the issuance of the 2023 Notes effectively increased the conversion price of the 2023 Notes until various dates in 2008 to approximately \$23.08 per share, which would result in an aggregate issuance upon conversion prior to August 15, 2008 of approximately 10.2 million shares of our common stock. We entered into hedge and warrant transactions to reduce the potential dilution from the conversion of the 2023 Notes; however, we cannot guarantee that such hedge and warrant instruments will fully mitigate the dilution. In addition, the existence of the 2023 Notes may encourage short selling by market participants because the conversion of the 2023 Notes could depress the price of our common stock.

Although the conversion price of the Convertible Senior Notes is currently \$21.15 per share, we entered into hedge and separate warrant transactions to reduce the potential dilution from the conversion of the Convertible Senior Notes. However, we cannot guarantee that such hedges and warrant instruments will fully mitigate the dilution. In addition, the existence of the Convertible Senior Notes may encourage short selling by market participants because the conversion of the Convertible Senior Notes could depress the price of our common stock.

***At the option of the 2023 Noteholders and the Convertible Senior Noteholders under certain circumstances, we may be required to repurchase the 2023 Notes and the Convertible Senior Notes, as the case may be, in cash or shares of our common stock.***

Under the terms of the 2023 Notes and the Convertible Senior Notes, we may be required to repurchase the 2023 Notes and the Convertible Senior Notes following a fundamental change in our corporate ownership or structure, such as a change of control in which substantially all of the consideration does not consist of publicly traded securities, prior to maturity of the 2023 Notes and the Convertible Senior Notes, as the case may be. Following a fundamental change, in certain circumstances, we may choose to pay the repurchase price of the 2023 Notes in cash, shares of our common stock or a combination of cash and shares of our common stock. If we choose to pay all or any part of the repurchase price of the 2023 Notes in shares of our common stock, this would result in dilution to the holders of our common stock. The repurchase price for the Convertible Senior Notes in the event of a fundamental change must be paid solely in cash. These repayment obligations may have the effect of discouraging, delaying or preventing a takeover of our company that may otherwise be beneficial to investors.

***Hedge and warrant transactions entered into in connection with the issuance of the Convertible Senior Notes and the 2023 Notes may affect the value of our common stock.***

We entered into hedge transactions with various financial institutions, at the time of issuance of the Convertible Senior Notes and the 2023 Notes, with the objective of reducing the potential dilutive effect of issuing our common stock upon conversion of the Convertible Senior Notes and the 2023 Notes. We also entered into separate warrant transactions with the same financial institutions. In connection with our hedge and warrant transactions, these

## **Table of Contents**

financial institutions purchased our common stock in secondary market transactions and entered into various over-the-counter derivative transactions with respect to our common stock. These entities or their affiliates are likely to modify their hedge positions from time to time prior to conversion or maturity of the Convertible Senior Notes and the 2023 Notes by purchasing and selling shares of our common stock, other of our securities or other instruments they may wish to use in connection with such hedging. Any of these transactions and activities could adversely affect the value of our common stock and, as a result, the number of shares and the value of the common stock holders will receive upon conversion of the Convertible Senior Notes and the 2023 Notes. In addition, subject to movement in the price of our common stock, if the hedge transactions settle in our favor, we could be exposed to credit risk related to the other party with respect to the payment we are owed from such other party.

***Rating agencies may provide unsolicited ratings on the Convertible Senior Notes that could reduce the market value or liquidity of our common stock.***

We have not requested a rating of the Convertible Senior Notes from any rating agency and we do not anticipate that the Convertible Senior Notes will be rated. However, if one or more rating agencies independently elects to rate the Convertible Senior Notes and assigns the Convertible Senior Notes a rating lower than the rating expected by investors, or reduces such rating in the future, the market price or liquidity of the Convertible Senior Notes and our common stock could be harmed. Should a decline in the market price of the Convertible Senior Notes result, as compared to the price of our common stock, this may trigger the right of the holders of the Convertible Senior Notes to convert the Convertible Senior Notes into cash and shares of our common stock.

***Anti-takeover defenses in our certificate of incorporation and bylaws and certain provisions under Delaware law could prevent an acquisition of our company or limit the price that investors might be willing to pay for our common stock.***

Our certificate of incorporation and bylaws and certain provisions of the Delaware General Corporation Law that apply to us could make it difficult for another company to acquire control of our company. For example:

Our certificate of incorporation allows our board of directors to issue, at any time and without stockholder approval, preferred stock with such terms as it may determine. No shares of preferred stock are currently outstanding. However, the rights of holders of any of our preferred stock that may be issued in the future may be superior to the rights of holders of our common stock.

Section 203 of the Delaware General Corporation Law generally prohibits a Delaware corporation from engaging in any business combination with a person owning 15% or more of its voting stock, or who is affiliated with the corporation and owned 15% or more of its voting stock at any time within three years prior to the proposed business combination, for a period of three years from the date the person became a 15% owner, unless specified conditions are met.

All or any one of these factors could limit the price that certain investors would be willing to pay for shares of our common stock and could delay, prevent or allow our board of directors to resist an acquisition of our company, even if a proposed transaction were favored by a majority of our independent stockholders.

## **Item 1B. Unresolved Staff Comments**

None.

## **Item 2. Properties**

Our headquarters is located in San Jose, California, and we own the related land and buildings. We also own buildings in India. As of December 30, 2006, the total square footage of our owned buildings was approximately 925,000.

In January 2007, we completed the sale of certain of our land and buildings in San Jose, California, representing 262,500 of our square footage owned as of December 30, 2006. Concurrently with the sale, we leased back from the purchaser all available space in the buildings. The lease agreement includes an initial term of two years, with two options to extend the lease for six months each.

**Table of Contents**

We lease additional facilities for our sales offices in the United States and various foreign countries, and for our research and development and design and methodology services facilities worldwide. We sublease certain of these facilities where space is not fully utilized or has been involved in restructuring activities.

We believe that these facilities and the undeveloped land we own adjacent to our current headquarters are adequate for our current needs and that suitable additional or substitute space will be available as needed to accommodate any expansion of our operations.

**Item 3. Legal Proceedings**

From time to time, we are involved in various disputes and litigation matters that arise in the ordinary course of business. These include disputes and lawsuits related to intellectual property, mergers and acquisitions, licensing, contract law, distribution arrangements and employee relations matters. Periodically, we review the status of each significant matter and assess its potential financial exposure. If the potential loss from any claim or legal proceeding is considered probable and the amount or the range of loss can be estimated, we accrue a liability for the estimated loss in accordance with Statement of Financial Accounting Standards, or SFAS, No. 5, Accounting for Contingencies. Legal proceedings are subject to uncertainties, and the outcomes are difficult to predict. Because of such uncertainties, accruals are based only on the best information available at the time. As additional information becomes available, we reassess the potential liability related to pending claims and litigation matters and may revise estimates.

On November 8, 2006, an individual filed suit against us, Magma Design Automation, Inc., Dynalith Systems, Inc., Altera Corp., Mentor Graphics Corp. and Aldec, Inc. in the United States District Court for the Eastern District of Texas. The suit alleges that certain products of Cadence and the other defendants infringe a patent for an electronic simulation and emulation system owned by the plaintiff. The plaintiff seeks unspecified damages and attorneys' fees and costs. We dispute the plaintiff's claims and intend to defend the lawsuit vigorously.

While the outcome of these disputes and litigation matters cannot be predicted with any certainty, management does not believe that the outcome of any current matters will have a material adverse effect on our consolidated financial position or results of operations.

**Item 4. Submission of Matters to a Vote of Security Holders**

None.

**Executive Officers of the Registrant**

The executive officers of Cadence are as follows:

<b>Name</b>	<b>Age</b>	<b>Positions and Offices</b>
Michael J. Fister	52	President, Chief Executive Officer and Director
Kevin Bushby	51	Executive Vice President, Worldwide Field Operations
Moshe Gavriellov	52	Executive Vice President and General Manager, Verification Division
James S. Miller, Jr.	44	Executive Vice President, Products and Technologies Organization
William Porter	52	Executive Vice President and Chief Financial Officer

R.L. Smith McKeithen

63 Senior Vice President, General Counsel and Secretary

Executive officers are appointed by the Board of Directors and serve at the discretion of the Board.

MICHAEL J. FISTER has served as President and Chief Executive Officer of Cadence since May 2004. Mr. Fister has been a member of the Cadence Board of Directors since July 2004. Prior to joining Cadence, from 1987 to 2004, Mr. Fister held several positions with Intel Corporation, most recently as Senior Vice President and General Manager for the Enterprise Platforms Group. Mr. Fister is a director of Autodesk, Inc.

**Table of Contents**

KEVIN BUSHBY has served as Executive Vice President, Worldwide Field Operations of Cadence since 2001. From 1995 to 2001, Mr. Bushby served as Vice President and General Manager, European Operations of Cadence. Prior to joining Cadence, from 1990 to 1995, Mr. Bushby held several positions with Unisys Corporation, most recently as Vice President Sales and Marketing, Client Server Systems Division.

MOSHE GAVRIELOV has served as Executive Vice President and General Manager, Verification Division of Cadence since April 2005. Mr. Gavriellov has over 25 years of technology and business management experience, including serving as CEO of Verisity Ltd. from 1998 to April 2005 before joining Cadence. Prior to joining Verisity, Mr. Gavriellov served at LSI Logic from 1988 to 1998 in several executive management positions. Those positions included Executive Vice President of the products organization, Senior Vice President of international markets, General Manager of LSI Logic Europe and General Manager of the ASIC division.

JAMES S. MILLER, JR. has served as Executive Vice President, Products and Technologies Organization of Cadence since February 2006. From 2004 to 2006, Mr. Miller served as Senior Vice President, Development of Cadence. Prior to joining Cadence, Mr. Miller was at Intel Corporation from 2003 to 2004, where he was most recently Enterprise Platform Design Manager for both a multiprocessor platform and server memory technology for the Enterprise Products Group. From 1999 to 2002, Mr. Miller was Vice President of Silicon Development at Silicon Spice, and later Technical Director with Broadcom Corporation following its acquisition of Silicon Spice. From 1986 to 1998, Mr. Miller was at Intel where he held a number of leadership roles, including management of the server and workstation chipset organization and the Itanium<sup>®</sup> processor and Pentium<sup>®</sup> II processor organizations.

WILLIAM PORTER has served as Executive Vice President and Chief Financial Officer of Cadence since February 2006. From 1999 to 2006, Mr. Porter served as Senior Vice President and Chief Financial Officer of Cadence. From 1994 to 1999, Mr. Porter served as Vice President, Corporate Controller and Assistant Secretary of Cadence. Prior to joining Cadence, Mr. Porter served as Technical Accounting and Reporting Manager and as Controller of Cupertino Operations with Apple Computer, Inc.

R.L. SMITH MCKEITHEN has served as Senior Vice President, General Counsel and Secretary of Cadence since 1998. From 1996 to 1998, Mr. McKeithen served as Vice President, General Counsel and Secretary of Cadence. Prior to joining Cadence, from 1994 to 1996, Mr. McKeithen served as Vice President, General Counsel and Secretary of Strategic Mapping, Inc., a software company. From 1988 to 1994, Mr. McKeithen served as Vice President, General Counsel and Secretary of Silicon Graphics, Inc.

**Table of Contents****PART II.****Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities**

Our common stock is traded on the NASDAQ Global Select Market under the symbol CDNS. We have never declared or paid any cash dividends on our common stock in the past, and we do not plan to pay cash dividends in the foreseeable future. As of February 3, 2007, we had approximately 1,150 registered stockholders and approximately 58,715 beneficial owners of our common stock.

The following table sets forth the high and low sales price for Cadence common stock for each calendar quarter in the two-year period ended December 30, 2006:

	High	Low
<u>2006</u>		
First Quarter	\$ 18.50	\$ 16.53
Second Quarter	\$ 19.47	\$ 16.55
Third Quarter	\$ 17.41	\$ 15.00
Fourth Quarter	\$ 18.85	\$ 16.77
<u>2005</u>		
First Quarter	\$ 15.00	\$ 12.96
Second Quarter	\$ 14.80	\$ 13.50
Third Quarter	\$ 16.31	\$ 13.80
Fourth Quarter	\$ 18.30	\$ 15.59

**Table of Contents**

The following graph compares the cumulative 5-year total return to shareholders of Cadence Design Systems, Inc.'s common stock relative to the cumulative total returns of the S & P 500 Index, the NASDAQ Composite Index and the S & P Information Technology Index. The graph assumes that the value of the investment in the company's common stock and in each of the indexes (including reinvestment of dividends) was \$100 on December 29, 2001 and tracks it through December 30, 2006.

**COMPARISON OF 5 YEAR CUMULATIVE TOTAL RETURN\***

Among Cadence Design Systems, Inc., The S & P 500 Index,  
The NASDAQ Composite Index And The S & P Information Technology Index

\* \$100 invested on 12/29/01 in stock or on 12/31/01 in index-including reinvestment of dividends.  
Indexes calculated on month-end basis.

Copyright © 2007, Standard & Poor's, a division of The McGraw-Hill Companies, Inc. All rights reserved.  
[www.researchdatagroup.com/S&P.htm](http://www.researchdatagroup.com/S&P.htm)

	December 29, 2001	December 28, 2002	January 3, 2004	January 1, 2005	December 31, 2005	December 30, 2006
Cadence Design Systems, Inc.	100.00	54.38	81.52	61.65	75.54	79.96
S & P 500	100.00	77.90	100.24	111.15	116.61	135.03
NASDAQ Composite	100.00	71.97	107.18	117.07	120.50	137.02
S & P Information Technology	100.00	62.59	92.14	94.50	95.44	103.47

**Table of Contents****SALES OF UNREGISTERED EQUITY SECURITIES**

On December 19, 2006, we issued \$250.0 million principal amount of 1.375% Convertible Senior Notes Due 2011, or the 2011 Notes, and \$250.0 million of 1.500% Convertible Senior Notes Due 2013, or the 2013 Notes and collectively, the Convertible Senior Notes, to three initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. See the discussion under the heading **Liquidity and Capital Resources – Other Factors Affecting Liquidity and Capital Resources** below for an additional description of the Convertible Senior Notes, including the aggregate offering price, the aggregate underwriting discounts and the terms of conversion of the Convertible Senior Notes.

On December 19, 2006, we also sold warrants to various parties for the purchase of up to 23.6 million shares of our common stock at a price of \$31.50 per share in a private placement pursuant to Section 4(2) of the Securities Act. See the discussion under the heading **Liquidity and Capital Resources – Other Factors Affecting Liquidity and Capital Resources** below for an additional description of the warrants, including the aggregate proceeds received by us and the terms of conversion of the warrants.

**ISSUER PURCHASES OF EQUITY SECURITIES**

In August 2001, our Board of Directors authorized a program to repurchase shares of our common stock in the open market with a value of up to \$500.0 million in the aggregate, which amount was exhausted during February 2006. In February 2006, our Board of Directors authorized a new program to repurchase shares of our common stock with a value of up to \$500.0 million in the aggregate. In November 2006, our Board of Directors authorized an additional program to repurchase shares of our common stock with a value of up to \$500.0 million in the aggregate. The following table sets forth the repurchases we made during the three months ended December 30, 2006:

Period	Total Number of Shares Purchased *	Average Price Paid Per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Dollar Value of Shares that May Yet Be Purchased Under Publicly Announced Plans or Programs * (In millions)
October 1, 2006				
November 4, 2006	2,019,588	\$ 17.94	1,900,000	\$ 229.4
November 5, 2006				
December 2, 2006	4,101,386	\$ 18.66	4,099,953	\$ 152.9
December 3, 2006				
December 30, 2006	7,063,949	\$ 18.08	6,917,000	\$ 527.8
Total	13,184,923	\$ 18.24	12,916,953	

\*

Shares purchased that were not part of our publicly announced repurchase program represent the surrender of shares of restricted stock to pay income taxes due upon vesting, and do not reduce the dollar value that may yet be purchased under our publicly announced repurchase programs.

**Table of Contents****Item 6. Selected Financial Data Unaudited**

The following selected consolidated financial data should be read in conjunction with our Consolidated Financial Statements and the Notes thereto and the information contained in Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations. Historical results are not necessarily indicative of future results.

	2006	Five fiscal years ended December 30, 2006			2002
		2005	2004	2003	
		(In thousands, except per share amounts)			
Revenue	\$ 1,483,895	\$ 1,329,192	\$ 1,197,480	\$ 1,119,484	\$ 1,287,943
Income (loss) from operations *	\$ 224,592	\$ 118,832	\$ 104,148	\$ (21,516)	\$ 160,579
Other income (expense), net	\$ 70,402	\$ 15,097	\$ (11,513)	\$ (4,047)	\$ (13,756)
Net income (loss) *	\$ 142,592	\$ 49,343	\$ 74,474	\$ (17,566)	\$ 60,339
Net income (loss) per share assuming dilution *	\$ 0.46	\$ 0.16	\$ 0.25	\$ (0.07)	\$ 0.23
Total assets	\$ 3,442,822	\$ 3,401,312	\$ 2,989,839	\$ 2,817,902	\$ 2,426,623
Convertible notes	\$ 730,385	\$ 420,000	\$ 420,000	\$ 420,000	\$ ----
Other long-term debt	\$ ----	\$ 128,000	\$ ----	\$ 61	\$ 52,659
Stockholders' equity	\$ 1,699,291	\$ 1,844,704	\$ 1,699,970	\$ 1,572,281	\$ 1,644,030

\* We adopted SFAS No. 123R, Share-Based Payment on January 1, 2006 using the modified prospective transition method. Using the modified prospective transition method, we began recognizing compensation expense for equity-based awards granted on or after January 1, 2006 and unvested awards granted prior to January 1, 2006.

**Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations**

The following discussion should be read in conjunction with the Consolidated Financial Statements and Notes thereto included elsewhere in this Annual Report on Form 10-K. Certain of such statements, including, without limitation, statements regarding the extent and timing of future revenues and expenses and customer demand, statements regarding the deployment of our products, statements regarding our reliance on third parties and other statements using words such as anticipates, believes, could, estimates, expects, intends, may, plans, should, will and would, and words of similar import and the negatives thereof, constitute forward-looking statements. These statements are predictions based upon our current expectations about future events. Actual results could vary materially as a result of certain factors, including but not limited to, those expressed in these statements. We refer you to the Competition, Proprietary Technology, Risk Factors, Results of Operations, Disclosures About Market Risk and Liquidity and Capital Resources sections contained in this Annual Report and the risks discussed in our other SEC filings, which identify important risks and uncertainties that could cause actual results to differ materially from those contained in the forward-looking statements.

We urge you to consider these factors carefully in evaluating the forward-looking statements contained in this Annual Report. All subsequent written or spoken forward-looking statements attributable to our company or persons acting on our behalf are expressly qualified in their entirety by these cautionary statements. The forward-looking statements included in this Annual Report are made only as of the date of this Annual Report. We do not intend, and undertake no

*obligation, to update these forward-looking statements.*

**Overview**

We develop electronic design automation, or EDA, software and hardware. We license software, sell or lease hardware technology, provide maintenance for our software and hardware and provide design and methodology services throughout the world to help manage and accelerate electronics product development processes. Our broad range of products and services are used by the world's leading electronics companies to design and develop complex integrated circuits, or ICs, and personal and commercial electronics systems.

## **Table of Contents**

With the addition of emerging nanometer design considerations to the already burgeoning set of traditional design tasks, complex SoC or IC design can no longer be accomplished using a collection of discrete design tools. What previously consisted of sequential design activities must be merged and accomplished nearly simultaneously without time-consuming data translation steps. We combine our design technologies into platforms for four major design activities: functional verification, digital IC design, custom IC design and system interconnect. The four Cadence design platforms are Incisive functional verification, Encounter digital IC design, Virtuoso custom design and Allegro system interconnect platforms. In addition, we augment these platform product offerings with a comprehensive set of DFM products that service both the digital and custom IC design flows. These four platforms, together with our DFM products, comprise our primary product lines.

Functional verification was the fastest growing product group of our business in 2006, driven by our Incisive verification solutions. We offer a complete solution for verification management from planning to closure. During 2006, we also introduced a significant upgrade of our Virtuoso platform. An early adopter program for this platform helped stimulate demand. This release is the most significant upgrade to the custom product line in many years. Finally, in late 2006 we introduced the Logic Design Team solution, which combines technology from our Incisive verification and Encounter digital design platforms to create an integrated, front-end environment for logic designers.

We have identified certain items that management uses as performance indicators to manage our business, including revenue, certain elements of operating expenses and cash flow from operations, and we describe these items more fully below under the heading Results of Operations below.

## **Critical Accounting Estimates**

In preparing our Consolidated Financial Statements, we make assumptions, judgments and estimates that can have a significant impact on our revenue, operating income and net income, as well as on the value of certain assets and liabilities on our Consolidated Balance Sheets. We base our assumptions, judgments and estimates on historical experience and various other factors that we believe to be reasonable under the circumstances. Actual results could differ materially from these estimates under different assumptions or conditions. At least quarterly, we evaluate our assumptions, judgments and estimates and make changes accordingly. We believe that the assumptions, judgments and estimates involved in the accounting for revenue recognition, accounting for income taxes, restructuring charges and valuation of stock-based awards have the greatest potential impact on our Consolidated Financial Statements; therefore, we consider these to be our critical accounting estimates. Historically, our assumptions, judgments and estimates relative to our critical accounting estimates have not differed materially from actual results. For further information on our significant accounting policies, see Note 2 to our Consolidated Financial Statements.

## ***Revenue recognition***

We apply the provisions of Statement of Position, or SOP, 97-2, Software Revenue Recognition, as amended by SOP 98-9, Modification of SOP 97-2, Software Revenue Recognition, With Respect to Certain Transactions, to all product revenue transactions where the software is not incidental. We also apply the provisions of SFAS No. 13, Accounting for Leases, to all hardware lease transactions. We recognize revenue when persuasive evidence of an arrangement exists, the product has been delivered, the fee is fixed or determinable, collection of the resulting receivable is probable, and vendor-specific objective evidence of fair value, or VSOE, exists.

We license software using three different license types:

- Subscription licenses;
- Term licenses; and

Perpetual licenses.

*Subscription licenses* Our subscription license arrangements offer our customers the right to:

Access and use all software products delivered at the outset of an arrangement throughout the entire term of the arrangement, generally two to three years, with no rights to return;

## **Table of Contents**

Use unspecified additional software products that become commercially available during the term of the arrangement; and

Remix among the software products delivered at the outset of the arrangement, as well as the right to remix into other unspecified additional software products that may become available during the term of the arrangement, so long as the cumulative value of all products in use does not exceed the total license fee determined at the outset of the arrangement. These remix rights may be exercisable multiple times during the term of the arrangement. The right to remix all software products delivered pursuant to the license agreement is not considered an exchange or return of software because all software products have been delivered and the customer has the continuing right to use them.

In general, revenue associated with subscription licenses is recognized ratably over the term of the license commencing upon the later of the effective date of the arrangement or delivery of the software product. Subscription license revenue is allocated to product and maintenance revenue. The allocation to maintenance revenue is based on vendor specific objective evidence, or VSOE, of fair value of the undelivered maintenance that was established in connection with the sale of our term licenses.

*Term licenses* Our term license arrangements offer our customers the right to:

Access and use all software products delivered at the outset of an arrangement throughout the entire term of the arrangement, generally two to three years, with no rights to return; and

Remix among the software products delivered at the outset of the arrangement, so long as the cumulative value of all products in use does not exceed the total license fee determined at the outset of the arrangement. These remix rights may be exercisable multiple times during the term of the arrangement.

The right to remix all software products delivered pursuant to the license agreement is not considered an exchange or return of software because all software products have been delivered and the customer has the continuing right to use them. In general, revenue associated with term licenses is recognized upon the later of the effective date of the arrangement or delivery of the software product.

*Perpetual licenses* Our perpetual licenses consist of software licensed on a perpetual basis with no right to return or exchange the licensed software. In general, revenue associated with perpetual licenses is recognized upon the later of the effective date of the license or delivery of the licensed product.

*Persuasive evidence of an arrangement* Generally, we use a contract signed by the customer as evidence of an arrangement for subscription and term licenses and hardware leases. If a contract signed by the customer does not exist, we have historically used a purchase order as evidence of an arrangement for perpetual licenses, hardware sales, maintenance renewals and small fixed-price service projects, such as training classes and small methodology service engagements of approximately \$10,000 or less. For all other service engagements, we use a signed professional services agreement and a statement of work to evidence an arrangement. In cases where both a signed contract and a purchase order exist, we consider the signed contract to be the most persuasive evidence of the arrangement. Sales through our distributors are evidenced by a master agreement governing the relationship, together with binding purchase orders from the distributor on a transaction-by-transaction basis.

*Product delivery* Software and the corresponding access keys are generally delivered to customers electronically. Electronic delivery occurs when we provide the customer access to the software. Occasionally, we will deliver the software on a compact disc with standard transfer terms of free-on-board, or F.O.B., shipping point. Our software license agreements generally do not contain conditions for acceptance. With respect to hardware, delivery of an entire system is deemed to occur upon its successful installation. For certain hardware products, installation is the responsibility of the customer, as the system is fully functional at the time of shipment. For these products, delivery is

deemed to be complete when the products are shipped with freight terms of F.O.B. shipping point.

*Fee is fixed or determinable* We assess whether a fee is fixed or determinable at the outset of the arrangement, primarily based on the payment terms associated with the transaction. We have established a history of collecting under the original contract without providing concessions on payments, products or services. For our installment contracts that do not include a substantial up front payment, we may only determine that a fee is fixed or determinable if the arrangement has payment periods that are equal to or less than the term of the licenses and the

**Table of Contents**

payments are collected in equal or nearly equal installments, when evaluated over the entire term of the arrangement.

Significant judgment is involved in assessing whether a fee is fixed or determinable. We must also make these judgments when assessing whether a contract amendment to a term arrangement (primarily in the context of a license extension or renewal) constitutes a concession. Our experience has been that we are able to determine whether a fee is fixed or determinable for term licenses. While we do not expect that experience to change, if we no longer were to have a history of collecting under the original contract without providing concessions on term licenses, revenue from term licenses would be required to be recognized when payments under the installment contract become due and payable. Such a change could have a material impact on our results of operations.

*Collection is probable* We assess the probability of collecting from each customer at the outset of the arrangement based on a number of factors, including the customer's payment history and its current creditworthiness. We have concluded that collection is not probable for license arrangements executed with customers in certain countries. If in our judgment collection of a fee is not probable, we defer the revenue until the uncertainty is removed, which generally means revenue is recognized upon our receipt of cash payment. Our experience has been that we are able to estimate whether collection is probable. While we do not expect that experience to change, if we were to determine that collection is not probable for any license arrangement, particularly those with installment payment terms, revenue from such license would be recognized generally upon the receipt of cash payment. Such a change could have a material impact on our results of operations.

*Vendor-specific objective evidence of fair value* Our VSOE for certain product elements of an arrangement is based upon the pricing in comparable transactions when the element is sold separately. VSOE for maintenance is generally based upon the customer's stated annual renewal rates. VSOE for services is generally based on the price charged when the services are sold separately. For multiple element arrangements, VSOE must exist to allocate the total fee among all delivered and undelivered elements of a term or perpetual license arrangement. If VSOE does not exist for all elements to support the allocation of the total fee among all delivered and undelivered elements of the arrangement, revenue is deferred until such evidence does exist for the undelivered elements, or until all elements are delivered, whichever is earlier. If VSOE of all undelivered elements exists but VSOE does not exist for one or more delivered elements, revenue is recognized using the residual method. Under the residual method, the VSOE of the undelivered elements is deferred, and the remaining portion of the arrangement fee is recognized as revenue as the elements are delivered. Our experience has been that we are able to estimate VSOE.

*Finance fee revenue* Finance fees result from discounting to present value the product revenue derived from our installment contracts in which the payment terms extend beyond one year from the effective date of the contract. Finance fees are recognized using a method that approximates the effective interest method over the relevant license term and are classified as product revenue. Finance fee revenue represented approximately 2% of total revenue for each of the years ended December 30, 2006, December 31, 2005 and January 1, 2005. Upon the sale of an installment contract, we recognize the remaining finance fee revenue associated with the installment contract.

*Services revenue* Services revenue consists primarily of revenue received for performing design and methodology services. These services are not related to the functionality of the products licensed. Revenue from service contracts is recognized either on the time and materials method, as work is performed, or on the percentage-of-completion method. For contracts with fixed or not-to-exceed fees, we estimate on a monthly basis the percentage-of-completion, which is based on the completion of milestones relating to the arrangement. We have a history of accurately estimating project status and the costs necessary to complete projects. A number of internal and external factors can affect our estimates, including labor rates, utilization and efficiency variances and specification and testing requirement changes. If different conditions were to prevail such that accurate estimates could not be made, then the use of the completed contract method would be required and the recognition of all revenue and costs would be deferred until the project was completed. Such a change could have a material impact on our results of operations.



**Table of Contents**

***Accounting for income taxes***

We provide for the effect of income taxes in our Consolidated Financial Statements in accordance with SFAS No. 109, Accounting for Income Taxes. Under SFAS No. 109, income tax expense (benefit) is recognized for the amount of taxes payable or refundable for the current year, and for deferred tax assets and liabilities for the tax consequences of events that have been recognized in an entity's financial statements or tax returns.

We must make significant assumptions, judgments and estimates to determine our current provision for income taxes, our deferred tax assets and liabilities and any valuation allowance to be recorded against our deferred tax assets. Our judgments, assumptions and estimates relating to the current provision for income taxes take into account current tax laws, our interpretation of current tax laws and possible outcomes of current and future audits conducted by foreign and domestic tax authorities. Changes in tax laws or our interpretation of tax laws and developments in current and future tax audits could significantly impact the amounts provided for income taxes in our results of operations, financial position or cash flows. Our assumptions, judgments and estimates relating to the value of our net deferred tax assets take into account predictions of the amount and category of future taxable income from potential sources including tax planning strategies that would, if necessary, be implemented to prevent a loss carryforward or tax credit carryforward from expiring unused. Actual operating results and the underlying amount and category of income in future years could render our current assumptions, judgments and estimates of recoverable net deferred taxes inaccurate, thus materially affecting our consolidated financial position or results of operations.

***Restructuring charges***

We account for restructuring charges in accordance with SEC Staff Accounting Bulletin No. 100, Restructuring and Impairment Charges, as amended. From fiscal 2001 through fiscal 2005, we undertook significant restructuring initiatives. All restructuring activities initiated prior to fiscal 2003 were accounted for in accordance with Emerging Issues Task Force, or EITF, No. 94-3, Liability Recognition for Certain Employee Termination Benefits and Other Costs to Exit an Activity (including Certain Costs Incurred in a Restructuring) and EITF No. 88-10, Costs Associated with Lease Modifications or Terminations. For restructuring activities initiated after fiscal 2002, we accounted for the leased facilities in accordance with SFAS No. 146, Accounting for Costs Associated with Exit or Disposal Activities. In addition, for all periods presented, we accounted for the asset-related portions of these restructurings in accordance with SFAS No. 144, Accounting for the Impairment or Disposal of Long-Lived Assets. For all periods presented, the severance and benefits charges were accounted for in accordance with SFAS No. 112, Employers' Accounting for Postemployment Benefits. An Amendment of FASB Statements No. 5 and 43.

These restructuring initiatives have required us to make a number of estimates and assumptions related to losses on excess facilities vacated or consolidated, particularly estimating when, if at all, we will be able to sublet vacated facilities and, if we do, the sublease terms. Closure and space reduction costs that are part of our restructuring charges include payments required under leases, less any applicable estimated sublease income after the facilities are abandoned, lease buyout costs and certain contractual costs to maintain facilities during the abandonment period.

We regularly evaluate the adequacy of our restructuring accrual, and adjust the balance based on changes in estimates and assumptions. We may incur future charges for new restructuring activities as well as changes in estimates to amounts previously recorded.

***Valuation of stock-based awards***

We account for stock-based compensation in accordance with the fair value recognition provisions of SFAS No. 123R, Share-Based Payment. Under SFAS No. 123R, stock-based compensation expense is measured at

the grant date based on the value of the award and is recognized as expense over the vesting period. Determining the fair value of stock-based awards at the grant date requires judgment, including estimating the expected volatility of our stock, the expected term of stock options, the risk-free interest rate for the period, expected dividends and expected forfeitures. The computation of the expected volatility assumption used in the Black-Scholes pricing model for option grants is based on implied volatility calculated using an average of the volatility of publicly traded

## **Table of Contents**

options for our common stock and our 2023 Notes. We use this approach to determine volatility because options for our common stock are actively traded, the market prices of both the traded options and underlying shares are measured at a similar point in time to each other and on a date reasonably close to the grant date of the employee stock options, the traded options have exercise prices that are both near-the-money and close to the exercise price of the employee stock options, and the remaining maturities of the traded options on which the estimate is based are at least one year. When establishing the expected life assumption, we review annual historical employee exercise behavior with respect to option grants having similar vesting periods. In addition, judgment is also required in estimating the amount of stock-based awards that we expect to be forfeited. We calculate a separate expected forfeiture rate for both stock options and restricted stock issuances based on historical trends. The valuation of all options and the expected forfeiture rates for options and restricted stock are calculated based on one employee pool as there is no significant difference in exercise behavior between classes of employees. If actual results differ significantly from these estimates, stock-based compensation expense and our results of operations could be materially affected.

## **Results of Operations**

We primarily generate revenue from licensing our EDA software, selling or leasing our hardware technology, providing maintenance for our software and hardware and providing design and methodology services. We principally utilize three license types: subscription, term and perpetual. The different license types provide a customer with different terms of use for our products, such as:

- The right to access new technology;
- The duration of the license; and
- Payment terms.

Customer decisions regarding these aspects of license transactions determine the license type, timing of revenue recognition and potential future business activity. For example, if a customer chooses a fixed term of use, this will result in either a subscription or term license. A business implication of this decision is that, at the expiration of the license period, the customer must decide whether to continue using the technology and therefore renew the license agreement. Because larger customers generally use products from two or more of our five product groups, rarely will a large customer completely terminate its relationship with us at expiration of the license. See the discussion under the heading **Critical Accounting Estimates** above for an additional description of license types and timing of revenue recognition.

A substantial portion of our revenue is recognized over multiple periods. As a result, we do not believe that pricing volatility has been a material component of the change in our revenue from period to period.

The amount of revenue recognized in future periods will depend on, among other things, the terms and timing of our contract renewals or additional product sales with existing customers, the size of such transactions and sales to new customers.

The value and duration of contracts, and consequently product revenue recognized, is affected by the competitiveness of our products. Product revenue recognized in any period is also affected by the extent to which customers purchase subscription, term or perpetual licenses, and the extent to which contracts contain flexible payment terms. The timing of revenue recognition is also affected by changes in the extent to which existing contracts contain flexible payment terms and by changes in contractual arrangements (e.g., subscription to term) with existing customers.

## ***Revenue and Revenue Mix***

We analyze our software and hardware businesses by product group, combining revenues for both product and maintenance because of their interrelationship. We have formulated a design solution strategy that combines our design technologies into platforms, which are included in the various product groups described below.

Our product groups are:

*Functional Verification:* Products in this group, which include the Incisive functional verification platform, are used to verify that the high level, logical specification of an IC design is correct.

**Table of Contents**

*Digital IC Design:* Products in this group, which include the Encounter digital IC design platform, are used to accurately convert the high-level, logical specification of a digital IC into a detailed physical blueprint and then detailed design information showing how the IC will be physically implemented. This data is used for creation of the photomasks used in chip manufacture.

*Custom IC Design:* Our custom design products, which include the Virtuoso custom design platform, are used for ICs that must be designed at the transistor level, including analog, radio frequency, memories, high performance digital blocks and standard cell libraries. Detailed design information showing how an IC will be physically implemented is used for creation of the photomasks used in chip manufacture.

*System Interconnect:* This product group consists of our PCB and IC package design products, including the Allegro and OrCAD products. The Allegro system interconnect platform offering focuses on system interconnect design platform, which enables consistent co-design of ICs, IC packages and PCBs, while the OrCAD line focuses on cost-effective, entry-level PCB solutions.

*Design for Manufacturing:* Included in this product group are our physical verification and analysis products. These products are used to analyze and verify that the physical blueprint of the integrated circuit has been constructed correctly and can be manufactured successfully.

**Revenue by Year**

The following table shows our revenue for the fiscal years 2006, 2005 and 2004 and the percentage change in revenue between years:

	2006	2005	2004	% Change	
		(In millions)		2006 vs. 2005	2005 vs. 2004
Product	\$ 982.7	\$ 851.5	\$ 729.8	15%	17%
Services	134.9	126.2	137.0	7%	(8)%
Maintenance	366.3	351.5	330.7	4%	6%
Total revenue	\$ 1,483.9	\$ 1,329.2	\$ 1,197.5	12%	11%

*2006 compared to 2005*

Product revenue was higher in 2006, as compared to 2005, primarily because of increased revenue from licenses for Functional Verification and Custom IC Design products, partially offset by a small decrease in revenue from licenses for Design for Manufacturing products. Functional verification was the fastest growing platform in 2006. Services revenue increased in 2006 as compared to 2005 due to an increase in utilization and realization rates for our services personnel.

*2005 compared to 2004*

Product revenue was higher in 2005, as compared to 2004, primarily because of increased revenue from licenses for Digital IC Design, Functional Verification and Custom IC products. Services revenue was lower in 2005, as compared to 2004, due to our reduced capacity to satisfy demand for our design services after having implemented certain restructuring activities.

**Table of Contents****Revenue by Product Group**

The following table shows the percentage of product and related maintenance revenue contributed by each of our five product groups, and Services and other in fiscal 2006, 2005 and 2004:

	2006	2005	2004
Functional Verification	24%	21%	17%
Digital IC Design	24%	28%	25%
Custom IC Design	27%	25%	27%
System Interconnect	9%	8%	9%
Design for Manufacturing	7%	9%	9%
Services and other	9%	9%	13%
Total	100%	100%	100%

As described under the heading *Critical Accounting Estimates* above, certain of our licenses allow customers the ability to remix among software products. Additionally, we have licensed a combination of our products to customers with the actual product selection and number of licensed users to be determined at a later date. For these arrangements, we estimate the allocation of the revenue to product groups based upon the expected usage of our products by these customers. The actual usage of our products by these customers may differ and therefore the revenue allocated in the above table may differ.

Although we believe the methodology of allocating revenue to product groups is reasonable, there can be no assurance that such allocated amounts reflect the amounts that would result had the customer individually licensed each specific software solution at the onset of the arrangement. However, during the term of the arrangement, we reevaluate the allocation of revenue based on actual deployment of our products.

The decrease in percentage of Services and other in 2005, as compared to 2004, is primarily due to \$11.0 million of revenue recognized from the sale of IP in 2004. This sale of IP in 2004 is included in Services and other in the preceding table and in Product revenue in the accompanying Consolidated Income Statements.

**Revenue by Geography**

	2006	2005	2004	% Change	
	(In millions)			2006 vs. 2005	2005 vs. 2004
United States	\$ 765.1	\$ 613.2	\$ 598.9	25%	2%
Other North America	31.3	20.3	27.0	54%	(25)%
Europe	284.4	245.0	261.9	16%	(6)%
Japan	247.9	333.2	191.2	(26)%	74%
Asia	155.2	117.5	118.5	32%	(1)%
Total revenue	\$ 1,483.9	\$ 1,329.2	\$ 1,197.5	12%	11%

*Revenue by Geography as a Percentage of Total Revenue*

	2006	2005	2004
United States	52%	46%	50%
Other North America	2%	2%	2%
Europe	19%	18%	22%
Japan	17%	25%	16%
Asia	10%	9%	10%
Total revenue	100%	100%	100%

**Table of Contents**

The rate of revenue change varies geographically primarily due to differences in the timing and size of term licenses in those regions. No single customer accounted for 10% or more of total revenue in 2006, 2005 or 2004.

Changes in foreign currency exchange rates, primarily due to fluctuations of the Japanese yen in relation to the United States dollar, caused our revenue to decrease by \$12.0 million in 2006, as compared to 2005, and to decrease by \$5.7 million in 2005, as compared to 2004. Additional information about revenue and other financial information by geography can be found in Note 21 to our Consolidated Financial Statements.

**Stock-based Compensation Expense Summary**

We adopted SFAS No. 123R on January 1, 2006, which resulted in an increase in stock-based compensation expense of \$64.1 million in 2006 as compared to 2005. Stock-based compensation expense is reflected throughout our costs and expenses in fiscal 2006, 2005 and 2004 as follows:

	2006	2005	2004
	(In millions)		
Cost of product	\$ 0.2	\$ ----	\$ 0.1
Cost of services	4.0	0.6	1.4
Cost of maintenance	2.5	0.4	0.9
Marketing and sales	23.9	9.1	7.5
Research and development	50.9	19.3	17.1
General and administrative	22.5	10.5	4.4
Total	\$ 104.0	\$ 39.9	\$ 31.4

**Cost of Revenue**

	2006	2005	2004	% Change	
	(In millions)			2006 vs. 2005	2005 vs. 2004
Product	\$ 66.8	\$ 79.7	\$ 82.0	(16)%	(3)%
Services	\$ 96.5	\$ 91.9	\$ 91.0	5%	1%
Maintenance	\$ 63.8	\$ 59.8	\$ 53.1	7%	13%

**Cost of Revenue as a Percentage of Related Revenue**

	2006	2005	2004
Product	7%	9%	11%
Services	72%	73%	66%
Maintenance	17%	17%	16%

Cost of product includes costs associated with the sale or lease of our hardware and licensing of our software products. Cost of product primarily includes the cost of employee salary, benefits and other employee-related costs, including stock-based compensation expense, amortization of acquired intangibles directly related to Cadence products, the cost of technical documentation and royalties payable to third-party vendors. Cost of product associated with our hardware products also includes materials, assembly labor and overhead. These additional manufacturing costs make our cost of hardware product higher, as a percentage of revenue, than our cost of software product.

A summary of Cost of product in fiscal 2006, 2005 and 2004 is as follows:

	2006	2005	2004
	(In millions)		
Product related costs	\$ 33.6	\$ 29.1	\$ 38.0
Amortization of acquired intangibles	33.2	50.6	44.0
Total Cost of product	\$ 66.8	\$ 79.7	\$ 82.0

**Table of Contents**

*2006 compared to 2005*

Cost of product decreased \$12.9 million in 2006 as compared to 2005, primarily due to:

A decrease of \$17.4 million in amortization of acquired intangibles due to the full amortization of certain acquired intangibles; partially offset by  
An increase of \$5.3 million in hardware costs attributable to increased hardware sales.

Cost of product depends primarily upon the extent to which we acquire intangible assets, acquire licenses and incorporate third-party technology in our products that are licensed or sold in any given period, and the actual mix of hardware and software product sales in any given period. Assuming no changes to our current portfolio of intangibles, we expect the Amortization of acquired intangibles component of Cost of product to continue decreasing as the amortization periods assigned upon the purchase of certain intangibles are completed.

Cost of services primarily includes employee salary, benefits and other employee-related costs, costs to maintain the infrastructure necessary to manage a services organization, and provisions for contract losses, if any. Cost of services increased \$4.6 million in 2006 as compared to 2005 primarily due to:

An increase of \$3.4 million in stock-based compensation expense due to our adoption of SFAS No. 123R; and  
An increase of \$1.2 million in salary, benefits and other employee-related costs.

Cost of maintenance includes the cost of customer services, such as hot-line and on-site support, employee salary, benefits and other employee-related costs for certain employees, and documentation of maintenance updates. Cost of maintenance increased \$4.0 million in 2006 as compared to 2005 primarily due to:

An increase of \$2.1 million in stock-based compensation due to our adoption of SFAS No. 123R; and  
An increase of \$1.0 million in salary, benefits and other employee-related costs.

*2005 compared to 2004*

Cost of product decreased \$2.3 million in 2005, as compared to 2004, primarily due to:

A decrease of \$13.5 million in the cost of hardware products sold as a result of sales of products with lower costs; partially offset by  
An increase of \$6.6 million in amortization of intangibles due to an increase in acquired intangibles associated with our acquisition of Verisity; and  
An increase of \$1.6 million in royalty expenses.

Cost of services increased \$0.9 million in 2005, as compared to 2004, primarily due to:

An increase of \$3.2 million in salary and benefits costs; partially offset by  
A decrease of \$1.5 million in other operating expenses; and  
A decrease of \$0.8 million in stock-based compensation.

Cost of maintenance increased \$6.7 million in 2005, as compared to 2004, primarily due to:

An increase of \$3.7 million in salary and benefit costs; and  
An increase of \$3.1 million in amortization of intangible assets.

*Operating Expenses*

	2006	2005	2004	% Change	
		(In millions)		2006 vs. 2005	2005 vs. 2004
Marketing and sales	\$ 405.6	\$ 366.2	\$ 333.1	11%	10%
Research and development	460.1	390.7	368.1	18%	6%
General and administrative	143.3	129.6	87.9	11%	47%
Total operating expenses	\$ 1,009.0	\$ 886.5	\$ 789.1	14%	12%

**Table of Contents*****Operating Expenses as a Percentage of Total Revenue***

	2006	2005	2004
Marketing and sales	27%	28%	28%
Research and development	31%	29%	31%
General and administrative	10%	10%	7%

**Operating Expense Summary***2006 compared to 2005*

Overall operating expenses increased \$122.5 million in 2006, as compared to 2005, primarily due to:

- An increase of \$58.4 million in stock-based compensation expense due to our adoption of SFAS No. 123R; and
- An increase of \$49.2 million in salary, benefits and other employee-related costs, primarily due to an increased number of employees and increases in bonus and commission costs, in part due to our acquisition of Verisity Ltd., or Verisity, in the second quarter of 2005.

*2005 compared to 2004*

Operating expenses increased \$97.4 million in 2005, as compared to 2004, primarily due to:

- An increase of \$63.3 million in employee salary and benefit costs, primarily due to our acquisition of Verisity and increased bonus and commission costs;
- An increase of \$9.9 million in stock-based compensation expense due to grants of restricted stock and the assumption of options in our acquisitions;
- An increase of \$8.6 million in losses associated with the sale of installment contract receivables; and
- An increase of \$7.1 million in costs related to the retirement of our Executive Chairman and former President and Chief Executive Officer in 2005; partially offset by Our restructuring activities, as discussed below.

**Marketing and Sales***2006 compared to 2005*

Marketing and sales expenses increased \$39.4 million in 2006, as compared to 2005, primarily due to:

- An increase of \$14.8 million in stock-based compensation expense due to our adoption of SFAS No. 123R;
- An increase of \$18.2 million in employee salary, commissions, benefits and other employee-related costs due to increased hiring of sales and technical personnel, and higher commissions earned resulting from an increase in 2006 sales performance; and
- An increase of \$7.8 million in marketing programs and customer-focused conferences due to our new marketing initiatives and increased travel to visit our customers.

*2005 compared to 2004*

Marketing and sales expenses increased \$33.1 million in 2005, as compared to 2004, primarily due to:

- An increase of \$29.4 million in employee salary, commission and benefit costs due to increased hiring of sales and technical personnel and higher employee bonuses and commissions; and
- An increase of \$1.6 million in stock-based compensation expense due to grants of restricted stock and the assumption of options in our acquisitions; partially offset by
- A decrease of \$1.9 million in marketing program costs.

**Table of Contents**

**Research and Development**

*2006 compared to 2005*

Research and development expenses increased \$69.4 million in 2006, as compared to 2005, primarily due to:

An increase of \$31.6 million in stock-based compensation expense due to our adoption of SFAS No. 123R;  
An increase of \$28.3 million in employee salary, benefits and other employee-related costs due to increased staffing to support product development and higher employee salaries;  
An increase of \$3.9 million in third-party development costs; and  
An increase of \$3.3 million in computer equipment lease costs and maintenance costs associated with third-party software.

*2005 compared to 2004*

Research and development expense increased \$22.6 million in 2005, as compared to 2004, primarily due to:

An increase of \$24.0 million in employee salary and benefit costs, primarily due to our acquisition of Verisity and increased staffing to support product development; and  
An increase of \$2.2 million in stock-based compensation expense due to grants of restricted stock and the assumption of options in our acquisitions; partially offset by  
A decrease of \$3.9 million in depreciation expense.

**General and Administrative**

*2006 compared to 2005*

General and administrative expenses increased \$13.7 million in 2006, as compared to 2005, primarily due to:

An increase of \$12.0 million in stock-based compensation expense due to our adoption of SFAS No. 123R; and  
An increase of \$9.6 million in losses on the sale of installment contract receivables due to higher discount rates; partially offset by  
A decrease of \$7.1 million in costs related to the retirement of our Executive Chairman and former President and Chief Executive Officer in 2005; and  
A decrease of \$3.6 million in bad debt expense.

*2005 compared to 2004*

General and administrative expense increased \$41.7 million in 2005, as compared to 2004, primarily due to:

An increase of \$9.9 million in employee salary and benefit costs due to higher employee salaries and increased bonuses;  
An increase of \$8.6 million in losses on the sale of installment contract receivables due to an increase in the number of sales of installment contract receivables;  
An increase of \$7.1 million in costs related to the retirement of our Executive Chairman and former President and Chief Executive Officer in 2005;

An increase of \$6.1 million in stock-based compensation expense due to grants of restricted stock and the assumption of options in our acquisitions; and

An increase of \$5.2 million in legal and consulting services; partially offset by

A decrease of \$1.2 million in professional fees related to our annual audit and Sarbanes-Oxley Section 404 compliance.

**Table of Contents*****Amortization of Acquired Intangibles***

	2006	2005	2004
	(In millions)		
Amortization of acquired intangibles	\$ 23.1	\$ 47.8	\$ 55.7

Assuming no changes to our current portfolio of intangibles, we expect the Amortization of acquired intangibles to continue decreasing as the amortization periods assigned upon the purchase of certain intangibles are completed.

***2006 compared to 2005***

Amortization of acquired intangibles decreased \$24.7 million in 2006, as compared to 2005. Amortization of acquired intangible assets from prior year acquisitions decreased \$27.5 million during 2006 due to the full amortization of certain acquired intangibles. This decrease was partially offset by \$2.8 million of amortization of intangibles acquired during 2006.

***2005 compared to 2004***

Amortization of acquired intangibles decreased \$7.9 million in 2005, as compared to 2004. Amortization of acquired intangible assets from prior year acquisitions decreased \$21.0 million during 2005 due to the full amortization of certain acquired intangibles. This decrease was partially offset by \$13.1 million of amortization of intangibles acquired during 2005.

***Restructuring and Other Charges***

We initiated a separate plan of restructuring in each year from 2001 through 2005 in an effort to operate more efficiently while improving operating margins and cash flows. The restructuring plans initiated each year from 2001 through 2005, or the 2001 Restructuring, 2002 Restructuring, 2003 Restructuring, 2004 Restructuring and 2005 Restructuring, respectively, were intended to decrease costs through workforce reductions and facility and resource consolidation, in order to improve our cost structure. The 2001 and 2002 Restructurings primarily related to our design services business and certain other business or infrastructure groups throughout the world. The 2003 Restructuring, 2004 Restructuring and 2005 Restructuring were targeted at reducing costs throughout the company. The 2004 Restructuring has been completed and there was no remaining balance accrued for this restructuring as of December 30, 2006.

In addition, we have recorded estimated provisions for termination benefits and outplacement costs, long-term asset impairments, and other restructuring costs. Each reporting period, we evaluate the adequacy of the lease loss accrual for each plan of restructuring. We adjust the lease loss accrual for changes in real estate markets or other factors that may affect estimated costs or sublease income. We also consider executed sublease agreements and adjust the lease loss accrual if sublease income under the agreement differs from initial estimates.

During 2005, in conjunction with the workforce reduction in our European design services business, we completed a sale-leaseback transaction involving land and a building in Livingston, Scotland. Proceeds from the sale were \$33.6 million and the total gain on the sale was \$3.6 million. We leased back a portion of the facility for the next two years and another portion for ten years, with an option to terminate the ten year lease after five years. We deferred the gain on the sale and are recognizing the gain ratably over the maximum lease term of ten years.



**Table of Contents**

A summary of restructuring and other charges by plan of restructuring in fiscal years 2006, 2005 and 2004 is as follows:

	Severance and Benefits	Asset- Related	Excess Facilities (In millions)	Other	Total
2006:					
2005 Plan	\$ (0.1)	\$ ----	\$ ----	\$ ----	\$ (0.1)
2003, 2002 and 2001 Plans	----	----	(0.7)	----	(0.7)
Total 2006	\$ (0.1)	\$ ----	\$ (0.7)	\$ ----	\$ (0.8)
2005:					
2005 Plan	\$ 20.8	\$ 2.4	\$ 2.4	\$ ----	\$ 25.6
2004 Plan	(0.4)	----	----	----	(0.4)
2003, 2002 and 2001 Plans	----	----	10.1	----	10.1
Total 2005	\$ 20.4	\$ 2.4	\$ 12.5	\$ ----	\$ 35.3
2004:					
2004 Plan	\$ 7.0	\$ 0.2	\$ ----	\$ 9.4	\$ 16.6
2003, 2002 and 2001 Plans	(1.3)	(4.0)	2.2	----	(3.1)
Total 2004	\$ 5.7	\$ (3.8)	\$ 2.2	\$ 9.4	\$ 13.5

Due to the immateriality of the 2003 Restructuring, 2002 Restructuring and 2001 Restructuring, they have been combined in the above table.

Frequently, asset impairments are based on significant estimates and assumptions, particularly regarding remaining useful life and utilization rates. We may incur other charges in the future if management determines that the useful life or utilization of certain long-lived assets has been reduced.

The initial facility closure and space reduction costs included in these restructurings were comprised of payments required under leases, less any applicable estimated sublease income after the properties were abandoned, lease buyout costs and other contractual charges. To estimate the initial lease loss, which is the loss after our cost recovery efforts from subleasing all or part of a building, management made certain assumptions related to the time period over which the relevant building would remain vacant and sublease terms, including sublease rates and contractual common area charges.

As of December 30, 2006, our accrued estimate of the lease loss related to all restructuring activities initiated since 2001 was \$31.3 million. This amount may be adjusted in the future based upon changes in the assumptions used to estimate the lease loss. Since 2001, we have recorded facilities consolidation charges, net of credits, of \$97.0 million under the 2001 through 2005 Restructurings related to space reductions or facility closures of 49 sites. As of December 30, 2006, 28 of these sites had been vacated and space reductions had occurred at the remaining 21 sites.

We expect to pay all of the facilities-related restructuring liabilities for all our restructuring plans prior to 2016.

Because the restructuring charges and related benefits are derived from management's estimates made during the formulation of the restructurings, based on then-currently available information, our restructuring activities may not achieve the benefits anticipated on the timetable or at the level contemplated. Demand for our products and services and, ultimately, our future financial performance, is difficult to predict with any degree of certainty. Accordingly, additional actions, including further restructuring of our operations, may be required in the future.

Our workforce reduction activities related to the 2004 Restructuring and the 2005 Restructuring were completed prior to December 31, 2005. We recorded a credit during the twelve months ended December 30,

**Table of Contents**

2006 to remove the remaining severance and benefits accrual related to the 2005 Restructuring. The other activity recorded in each of the restructuring plans for the year ended December 30, 2006 relates to payment of remaining lease obligations net of sublease payments received and changes in estimate related to lease loss accruals.

We expect to incur an additional \$1.0 million to \$2.0 million of future costs in connection with the 2005 Restructuring and an additional \$3.0 million to \$5.0 million of future costs in connection with the 2003 Restructuring, primarily for facilities-related charges, which will be expensed as incurred. The actual amount of additional costs incurred could vary depending on changes in market conditions and the timing of these restructuring activities.

***Write-off of Acquired In-Process Research and Development***

Upon consummation of an acquisition, we immediately charge to expense any acquired in-process research and development that has not yet reached technological feasibility and has no alternative future use. The value assigned to acquired in-process research and development is determined by identifying research projects in areas for which technological feasibility has not been established. The values are determined by estimating costs to develop the acquired in-process research and development into commercially viable products, estimating the resulting net cash flows from such projects and discounting the net cash flows back to their present value. The discount rates utilized include a factor that reflects the uncertainty surrounding successful development of the acquired in-process research and development.

The following table summarizes our write-offs of acquired in-process research and development charges in fiscal 2006, 2005 and 2004:

	2006	2005	2004
	(In millions)		
Verisity Ltd.	\$ ----	\$ 9.4	\$ ----
Neoliner, Inc.	----	----	7.0
Other 2004 acquisition	----	----	2.0
Other 2006 acquisition	0.9	----	----
Total in process research and development	\$ 0.9	\$ 9.4	\$ 9.0

The following table summarizes, as of December 30, 2006, the status of in-process research and development acquired in fiscal 2006, 2005 and 2004:

	Discount Rates	Commercial Feasibility	Expenditures Incurred to Complete In-Process Research and Development	Estimated Remaining Expenditures to Complete In-Process Research and Development
	(In millions)			
Verisity Inc.	19% to 32%	December 2006	\$ 4.3	\$ ----

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Neoliner, Inc.	28%	December 2004	7.2	----
Other 2004 acquisition	30%	December 2004	0.8	----
Other 2006 acquisition	33%	January 2007	0.3	----
Total Expenditures			\$ 12.6	\$ ----

**Table of Contents*****Loss on Extinguishment of Debt***

We recorded a Loss on extinguishment of debt of \$40.8 million during the year ended December 30, 2006, which includes a premium paid to repurchase a portion of the 2023 Notes of \$38.9 million and a write-off of the related portion of unamortized deferred costs of issuing the 2023 Notes of \$1.9 million.

***Interest Expense***

	2006	2005	2004
	(In millions)		
Interest expense	\$ 12.3	\$ 5.4	\$ 6.2

***2006 compared to 2005***

Interest expense increased \$6.9 million in 2006, as compared to 2005, primarily due to the increased interest of \$6.4 million related to the Term Loan.

***2005 compared to 2004***

Interest expense decreased \$0.8 million in 2005, as compared to 2004, primarily due to a decrease of \$0.6 million in imputed interest on acquisition-related payments that occur over time.

***Other income (expense), net***

Other income (expense), net, for fiscal 2006, 2005 and 2004 was as follows:

	2006	2005	2004
	(In millions)		
Interest income	\$ 39.3	\$ 15.6	\$ 5.6
Gains on sale of non-marketable securities	19.9	2.5	5.7
Gains on available-for-sale securities	6.7	9.2	6.8
Gains (losses) on trading securities in Cadence's non-qualified deferred compensation trust	3.7	6.6	(5.0)
Gains on sale of non-marketable securities in Cadence's non-qualified deferred compensation trust	2.7	----	----
Gains (losses) on foreign exchange	1.9	4.5	(1.4)
Telos termination costs	----	(2.6)	----
Telos management fees	(0.9)	(2.4)	(2.5)
Equity loss from investments	(1.2)	(6.5)	(16.9)
Write-down of investments	(2.5)	(10.9)	(4.2)
Other income (expense)	0.8	(0.9)	0.4
Total other income (expense), net	\$ 70.4	\$ 15.1	\$ (11.5)

The increases in interest income in 2006, as compared to 2005, and in 2005, as compared to 2004, were due to increases in our Cash and cash equivalents balances as well as higher interest rates applicable to those balances.

In January 2006, KhiMetrics, Inc., a cost method investment held by Telos Venture Partners L.P., a limited partnership in which we and our 1996 Deferred Compensation Venture Investment Plan Trust were the sole limited partners, was sold for consideration of \$6.53 per share of common stock. Under the purchase agreement, 10% of the consideration was held in escrow to pay the cost of resolving any claims that could have been asserted against KhiMetrics on or before the first anniversary of the acquisition. The escrow amount remaining after resolution of such claims was distributed to the former stockholders of KhiMetrics in January and February 2007. No gain was recorded on amounts held in escrow during 2006. In connection with this sale, we received approximately \$20.2 million in cash and recorded a gain of approximately \$17.1 million during the year ended December 30, 2006.

**Table of Contents**

In addition, our 1996 Deferred Compensation Venture Investment Plan Trust received \$2.9 million in cash and recorded a gain of \$2.5 million during the year ended December 30, 2006.

***Provision for Income Taxes***

The provision for income taxes and the effective tax rates in fiscal 2006, 2005 and 2004 were as follows:

	2006	2005	2004
	(In millions, except percentages)		
Provision for income taxes	\$ 99.7	\$ 79.1	\$ 12.0
Effective tax rate	41%	62%	14%

***2006 compared to 2005***

Our effective tax rate decreased in 2006, as compared to 2005, primarily due to the \$30.1 million of non-recurring federal, state and foreign income taxes incurred upon our 2005 repatriation of \$500.0 million of certain foreign earnings under the American Jobs Creation Act, which increased the 2005 annual effective tax rate by approximately 23 percentage points.

***2005 compared to 2004***

Our effective tax rate increased in 2005, as compared to 2004, primarily due to the non-recurring income taxes related to our 2005 repatriation of certain foreign earnings, and an increase in foreign income tax expense from operations in 2005.

***Outlook for 2007***

In July 2006, the FASB issued FIN No. 48, *Accounting for Uncertainty in Income Taxes* an interpretation of FASB Statement No. 109, which prescribes a new recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. FIN No. 48 also provides guidance on derecognition, classification, interest and penalties, accounting in interim periods, disclosure and transition. FIN No. 48 is effective for fiscal year 2007. The cumulative effect of applying FIN No. 48 will be reported as an adjustment to the opening balance of retained earnings (or other appropriate components of equity or net assets on our Consolidated Balance Sheet) for fiscal year 2007. We are currently studying the transition effects of adopting FIN No. 48 and we are not yet able to assess the impact of FIN No. 48 on our 2007 financial statements and, therefore, we are not currently able to disclose the expected effect of its adoption nor our outlook for the fiscal 2007 effective tax rate.

As of December 30, 2006, we had total net deferred tax assets of approximately \$150.1 million. Realization of the deferred tax assets will depend on generating sufficient taxable income of the appropriate character prior to the expiration of certain net operating loss, capital loss and tax credit carryforwards. Although realization is not assured, we believe it is more likely than not that the net deferred tax assets will be realized. The amount of the net deferred tax assets, however, could be reduced or increased in the near term if actual facts, including the estimate of future taxable income, differ from those estimated.

The IRS and other tax authorities regularly examine our income tax returns. In November 2003, the IRS completed its field examination of our federal income tax returns for the tax years 1997 through 1999 and issued a Revenue Agent's

Report, or RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$143.0 million. The most significant of the disputed adjustments for the tax years 1997 through 1999 relates to transfer pricing arrangements that we have with a foreign subsidiary. We have filed a protest to certain of the proposed adjustments with the Appeals Office of the IRS where the matter is currently being considered.

In July 2006, the IRS completed its field examination of our federal income tax returns for the tax years 2000 through 2002 and issued an RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$324.0 million. In November 2006, the IRS revised the proposed aggregate tax deficiency

## **Table of Contents**

for the three-year period to be approximately \$318.0 million. The IRS is contesting our qualification for deferred recognition of certain proceeds received from restitution and settlement in connection with litigation during the period. The proposed tax deficiency for this item is approximately \$152.0 million. The remaining proposed tax deficiency of approximately \$166.0 million is primarily related to proposed adjustments to our transfer pricing arrangements that we have with foreign subsidiaries and to our deductions for foreign trade income. The IRS took similar positions with respect to our transfer pricing arrangements in the prior examination period and may make similar claims against our transfer pricing arrangements in future examinations. We have filed a timely protest with the IRS and will seek resolution of the issues through the Appeals Office of the IRS.

We believe that the proposed IRS adjustments are inconsistent with applicable tax laws and we are challenging these proposed adjustments vigorously. The RARs are not final Statutory Notices of Deficiency but the IRS imposes interest on the proposed deficiencies until the matters are resolved. Interest is compounded daily at rates published by the IRS, which rates are adjusted quarterly and have been between four and ten percent since 1997.

Significant judgment is required in determining our provision for income taxes. The calculation of our tax liabilities involves dealing with uncertainties in the application of complex tax regulations. In determining the adequacy of our provision for income taxes, we regularly assess the likelihood of adverse outcomes resulting from tax examinations including the RARs for the tax years 1997 through 2002. We provide for tax liabilities on our Consolidated Balance Sheets unless we consider it probable that additional taxes will not be due. However, the ultimate outcome of tax examinations, including the total amount payable or the timing of any such payments upon resolution of these issues, cannot be predicted with certainty. In addition, we cannot assure you that such amount will not be materially different than that which is reflected in our historical income tax provisions and accruals. Should the IRS or other tax authorities assess additional taxes as a result of a current or a future examination, we may be required to record charges to operations in future periods that could have a material impact on our results of operations, financial position or cash flows in the applicable period or periods.

## **Disclosures About Market Risk**

### ***Interest Rate Risk***

Our exposure to market risk for changes in interest rates relates primarily to our portfolio of Cash and cash equivalents. While we are exposed to interest rate fluctuations in many of the world's leading industrialized countries, our interest income and expense is most sensitive to fluctuations in the general level of United States interest rates. In this regard, changes in United States interest rates affect the interest earned on our Cash and cash equivalents and costs associated with foreign currency hedges.

We invest in high quality credit issuers and, by policy, limit the amount of our credit exposure to any one issuer. As part of our policy, our first priority is to reduce the risk of principal loss. Consequently, we seek to preserve our invested funds by limiting default risk, market risk and reinvestment risk. We mitigate default risk by investing in only high quality credit securities that we believe to have low credit risk and by positioning our portfolio to respond appropriately to a significant reduction in a credit rating of any investment issuer or guarantor. The short-term interest-bearing portfolio of Cash and cash equivalents includes only marketable securities with active secondary or resale markets to ensure portfolio liquidity.

**Table of Contents**

All highly liquid investments with a maturity of three months or less at the date of purchase are considered to be cash equivalents. Investments with maturities greater than three months are classified as available-for-sale and are considered to be short-term investments. The carrying value of our interest-bearing instruments approximated fair value as of December 30, 2006. The following table presents the carrying value and related weighted average interest rates for our interest-bearing instruments, which are all classified as Cash and cash equivalents on our Consolidated Balance Sheet as of December 30, 2006.

	Carrying Value (In millions)	Average Interest Rate
<b>Interest-Bearing Instruments:</b>		
Commercial Paper fixed rate	\$ 848.3	5.43%
Cash variable rate	46.1	2.85%
Cash equivalents variable rate	6.0	5.19%
Cash equivalents fixed rate	11.6	1.64%
<b>Total interest-bearing instruments</b>	<b>\$ 912.0</b>	<b>5.25%</b>

***Foreign Currency Risk***

Our operations include transactions in foreign currencies and, therefore, we benefit from a weaker dollar, and we are adversely affected by a stronger dollar relative to major currencies worldwide. The primary effect of foreign currency transactions on our results of operations from a weakening United States dollar is an increase in revenue offset by a smaller increase in expenses. Conversely, the primary effect of foreign currency transactions on our results of operations from a strengthening United States dollar is a reduction in revenue offset by a smaller reduction in expenses.

We enter into foreign currency forward exchange contracts with financial institutions to protect against currency exchange risks associated with existing assets and liabilities. A foreign currency forward exchange contract acts as a hedge by increasing in value when underlying assets decrease in value or underlying liabilities increase in value due to changes in foreign exchange rates. Conversely, a foreign currency forward exchange contract decreases in value when underlying assets increase in value or underlying liabilities decrease in value due to changes in foreign exchange rates. These forward contracts are not designated as accounting hedges under SFAS No. 133, Accounting for Derivative Instruments and Hedging Activities, and, therefore, the unrealized gains and losses are recognized in Other income, net, in advance of the actual foreign currency cash flows with the fair value of these forward contracts being recorded as accrued liabilities or other assets.

Our policy governing hedges of foreign currency risk does not allow us to use forward contracts for trading purposes. Our forward contracts generally have maturities of 90 days or less. The effectiveness of our hedging program depends on our ability to estimate future asset and liability exposures. We enter into currency forward exchange contracts based on estimated future asset and liability exposures. Recognized gains and losses with respect to our current hedging activities will ultimately depend on how accurately we are able to match the amount of currency forward exchange contracts with actual underlying asset and liability exposures.



**Table of Contents**

The following table provides information, as of December 30, 2006, about our forward foreign currency contracts. The information is provided in United States dollar equivalent amounts. The table presents the notional amounts, at contract exchange rates, and the weighted average contractual foreign currency exchange rates expressed as units of the foreign currency per United States dollar, which in some cases may not be the market convention for quoting a particular currency. All of these forward contracts matured prior to January 12, 2007.

	Notional Principal (In millions)	Weighted Average Contract Rate
Forward Contracts:		
Japanese yen	\$ 116.9	117.08
British pound sterling	41.9	0.51
European Union euro	15.3	0.75
Indian rupee	10.8	44.95
Other	19.9	
 Total	 \$ 204.8	
 Estimated fair value	 \$ 2.0	

While we actively monitor our foreign currency risks, there can be no assurance that our foreign currency hedging activities will substantially offset the impact of fluctuations in currency exchange rates on our results of operations, cash flows and financial position.

***Equity Price Risk*****1.375% Convertible Senior Notes Due 2011 and 1.500% Convertible Senior Notes Due 2013**

In December 2006, we issued \$250.0 million principal amount of 1.375% Convertible Senior Notes Due 2011, or the 2011 Notes, and \$250.0 million of 1.500% Convertible Senior Notes Due 2013, or the 2013 Notes and collectively, the Convertible Senior Notes, to three initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. Concurrently with the issuance of the Convertible Senior Notes, we entered into hedge transactions with various parties and in separate transactions, sold warrants to various parties to reduce the potential dilution from the conversion of the Convertible Senior Notes and to mitigate any negative effect such conversion may have on the price of our common stock. For an additional description of the Convertible Senior Notes, including the hedge and warrants transactions, see the discussion under the heading *Liquidity and Capital Resources* Factors Affecting Liquidity and Capital Resources below.

**Zero Coupon Zero Yield Senior Convertible Notes due 2023**

In August 2003, we issued \$420.0 million principal amount of our 2023 Notes to two initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. Concurrently with the issuance of the 2023 Notes, we entered into hedge transactions with one of the

initial purchasers and in a separate transaction, sold warrants to one of the initial purchasers to reduce the potential dilution from the conversion of the 2023 Notes and to mitigate any negative effect such conversion may have on the price of our common stock. For an additional description of the 2023 Notes, including the hedge and warrants transactions, see the discussion under the heading **Liquidity and Capital Resources** **Factors Affecting Liquidity and Capital Resources** below.

### **Investments**

We have a portfolio of equity investments that includes marketable equity securities and non-marketable equity securities. Our equity investments are made primarily in connection with our strategic investment program.

**Table of Contents**

Under our strategic investment program, from time to time we make cash investments in companies with technologies that are potentially strategically important to us.

The fair value of our portfolio of available-for-sale marketable equity securities, which are included in Short-term investments on the accompanying Consolidated Balance Sheets, was \$23.7 million as of December 30, 2006 and \$33.0 million as of December 31, 2005. While we actively monitor these investments, we do not currently engage in any hedging activities to reduce or eliminate equity price risk with respect to these equity investments. Accordingly, we could lose all or part of our investment portfolio of marketable equity securities if there is an adverse change in the market prices of the companies we invest in.

Our investments in non-marketable equity securities would be negatively affected by an adverse change in equity market prices, although the impact cannot be directly quantified. Such a change, or any negative change in the financial performance or prospects of the companies whose non-marketable securities we own, would harm the ability of these companies to raise additional capital and the likelihood of our being able to realize any gains or return of our investments through liquidity events such as initial public offerings, acquisitions and private sales. These types of investments involve a high degree of risk, and there can be no assurance that any company we invest in will grow or will be successful or that we will be able to liquidate a particular investment when desired. Accordingly, we could lose all or part of our investment.

Our investments in non-marketable equity securities had a carrying amount of \$31.4 million as of December 30, 2006 and \$37.9 million as of December 31, 2005. If we determine that an other-than-temporary decline in fair value exists for a non-marketable equity security, we write down the investment to its fair value and record the related write-down as an investment loss in our Consolidated Income Statements.

**Liquidity and Capital Resources**

	December 30, 2006	% Change	As of and for the years ended		January 1, 2005
			December 31, 2005	% Change	
(In millions, except percentages)					
Cash, cash equivalents and short-term investments	\$ 958.4	7%	\$ 894.6	51%	\$ 593.0
Net working capital	\$ 763.9	14%	\$ 670.5	29%	\$ 521.0
Cash provided by operating activities	\$ 421.2	(1)%	\$ 426.3	14%	\$ 372.5
Cash used for investing activities	\$ (111.8)	(50)%	\$ (222.7)	4%	\$ (215.0)
Cash provided by (used for) financing activities	\$ (233.9)	(214)%	\$ 205.3	(1,073)%	\$ (21.1)

***Cash, cash equivalents and short-term investments***

As of December 30, 2006, our principal sources of liquidity consisted of \$958.4 million of Cash and cash equivalents and short-term investments, as compared to \$894.6 million as of December 31, 2005 and \$593.0 million as of January 1, 2005. The primary sources of our cash in 2006 and 2005 were:

Customer payments under software licenses and from the sale or lease of our hardware products;

Customer payments for design and methodology services;  
Borrowings under the Term Loan;  
Proceeds from the sale of receivables and proceeds from the exercise of stock options;  
Proceeds from the issuance of the Convertible Senior Notes in 2006;  
Proceeds from the separate warrant sale transactions entered into in connection with the issuance of the Convertible Senior Notes in 2006;  
Proceeds from the termination of a portion of the hedge transactions originally entered into in connection with the issuance of our 2023 Notes; and  
Common stock purchases under our employee stock purchase plans.

**Table of Contents**

Our primary uses of cash in 2006 and 2005 consisted of:

- Payments relating to payroll, product, services and other operating expenses;
- Payments of taxes;
- Purchases of property, plant and equipment;
- Payments of long-term debt and repurchases of a portion of the 2023 Notes;
- Payments made to purchase the hedges in connection with our issuance of the Convertible Senior Notes;
- Payments made to terminate a portion of the warrant transactions originally entered in connection with the issuance of our 2023 notes;
- Purchases of treasury stock; and
- Payments related to business acquisitions.

***Net working capital***

Net working capital increased \$93.4 million as of December 30, 2006, as compared to December 31, 2005, primarily due to:

- An increase of \$73.0 million in Cash and cash equivalents;
- A decrease of \$40.8 million in Accounts payable and accrued liabilities;
- A decrease of \$13.0 million in Current portion of deferred revenue; partially offset by
- A decrease of \$43.6 million in Accounts receivable, net; and
- A decrease of \$9.2 million in Short-term investments.

Net working capital increased \$149.5 million as of December 31, 2005, as compared to January 1, 2005, primarily due to:

- An increase of \$301.6 million in Cash and cash equivalents and short-term investments; partially offset by
- A decrease of \$102.0 million in Accounts receivable, net;
- An increase of \$22.6 million in Accounts payable and accrued liabilities; and
- An increase of \$32.0 million in Current portion of long-term debt.

***Cash flows from operating activities***

Cash flows from operating activities are provided by net income, adjusted for certain non-cash charges, as well as changes in the balance of certain assets and liabilities. Our cash flows from operating activities are significantly influenced by the payment terms set forth in our license agreements and by sales of our receivables.

We have entered into agreements whereby we may transfer accounts receivable to certain financing institutions on a non-recourse or limited-recourse basis. These transfers are recorded as sales and accounted for in accordance with SFAS No. 140, Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities. During 2006, we transferred accounts receivable, net of the losses on the sale of the receivables, totaling \$180.6 million, which approximated fair value, to financing institutions on a non-recourse basis, as compared to \$192.1 million in 2005 and \$30.1 million in 2004.

***2006 compared to 2005***

Net cash provided by operating activities decreased by \$5.1 million in 2006, as compared to 2005. The decrease was primarily due to:

An increase of \$71.8 million in payments of Accounts payable and accrued liabilities;

**Table of Contents**

A decrease of \$68.3 million in cash received from the collection of Receivables and Installment contract receivables; and

A decrease of \$37.6 million in Depreciation and amortization; partially offset by

An increase of \$93.2 million in net income;

An increase of \$40.8 million in Loss on extinguishment of debt; and

An increase of \$64.1 million in Stock-based compensation.

*2005 compared to 2004*

Net cash provided by operating activities increased by \$53.8 million in 2005, as compared to 2004. The increase was primarily due to:

An increase of \$162.0 million in Proceeds from the sale of receivables; and

A decrease of \$18.3 million in payments of Accounts payable and accrued liabilities; partially offset by

A decrease of \$25.1 million in net income;

A decrease of \$71.9 million in cash received from collection of Receivables and Installment contract receivables; and

An increase of \$14.8 million in Other assets.

***Cash flows from investing activities***

Our primary investing activities consisted of:

Purchases and proceeds from the sale of property, plant and equipment;

Purchases and proceeds from short-term investments;

Acquiring businesses, assets and intangibles; and

Investing in venture capital partnerships and equity investments.

In January 2006, KhiMetrics, Inc., a cost method investment held by Telos Venture Partners L.P., a limited partnership in which we and our 1996 Deferred Compensation Venture Investment Plan Trust were the sole limited partners, was sold for consideration of \$6.53 per share of common stock. Under the purchase agreement, 10% of the consideration was held in escrow to pay the cost of resolving any claims that could have been asserted against KhiMetrics on or before the first anniversary of the acquisition. The escrow amount remaining after resolution of such claims was distributed to the former stockholders of KhiMetrics in January and February 2007. No gain was recorded on amounts held in escrow during 2006. In connection with this sale, we received approximately \$20.2 million in cash and recorded a gain of approximately \$17.1 million during the year ended December 30, 2006. In addition, our 1996 Deferred Compensation Venture Investment Plan Trust received \$2.9 million in cash and recorded a gain of \$2.5 million during the year ended December 30, 2006.

*2006 compared to 2005*

Net cash used for investing activities decreased by \$110.9 million in 2006, as compared to 2005. The decrease was primarily due to:

A decrease of \$180.8 million in Purchases of short-term investments; and

A decrease of \$231.4 million in Cash paid in business combinations, net of cash acquired and acquisition of intangibles; partially offset by

A decrease of \$289.2 million in Proceeds from the sale of short-term investments; and

A decrease of \$33.3 million in Proceeds from the sale of property, plant and equipment.

*2005 compared to 2004*

Net cash used for investing activities increased by \$7.7 million in 2005, as compared to 2004. The increase was primarily due to:

An increase of \$182.0 million in Cash paid in business combinations and asset acquisitions, net of cash acquired; partially offset by

**Table of Contents**

An increase of \$141.2 million in Proceeds from the sale of short-term investments, net of Purchases of short-term investments; and  
An increase of \$30.0 million in Proceeds from the sale of property, plant and equipment.

***Cash flows from financing activities***

Financing cash flows consisted primarily of net proceeds from the issuance of the Convertible Senior Notes in 2006, including payments for the hedge transactions and the proceeds from the separate warrant transactions, payments on the Term Loan in 2006, proceeds received from the Term Loan in 2005, the repurchase of treasury stock and the issuance of stock under certain employee plans in both 2006 and 2005.

***2006 compared to 2005***

Net cash used for financing activities was \$233.9 million in 2006, as compared to net cash provided by financing activities of \$205.3 million in 2005, a decrease of \$439.2 million. The decrease was primarily due to:

An increase of \$393.0 million in Purchases of treasury stock;  
The repurchase of \$228.5 million of the 2023 Notes;  
A decrease of \$160.0 million in Proceeds from Term Loan;  
An increase of \$131.9 million in Principal payments on long-term debt, primarily the Term Loan; and  
An increase of \$119.8 million in Purchase of call options, or hedges, in connection with the Convertible Senior Notes; partially offset by  
An increase of \$500.0 million in Proceeds from issuance of the Convertible Senior Notes;  
An increase of \$55.9 million in Proceeds from sale of call options, or hedges, in connection with the 2023 Notes; and  
An increase of \$39.4 million in Proceeds from sale of common stock warrants in connection with the Convertible Senior Notes.

***2005 compared to 2004***

Net cash provided by financing activities was \$205.3 million in 2005, as compared to net cash used for financing activities of \$21.1 million in 2004, an increase of \$226.4 million. The increase of cash provided by financing activities was primarily due to:

An increase of \$160.0 million in Proceeds from the Term Loan; and  
An increase of \$71.2 million in Proceeds from issuances of common stock; partially offset by  
An increase of \$7.0 million in Purchases of treasury stock.

***Other Factors Affecting Liquidity and Capital Resources***

**Income Taxes**

We provide for United States income taxes on the earnings of foreign subsidiaries unless the earnings are considered permanently invested outside of the United States. As of December 30, 2006, the cumulative amount of earnings upon which United States income taxes have not been provided was approximately \$274.0 million. As of December 30, 2006, the unrecognized deferred tax liability for these earnings was approximately \$84.0 million.

The IRS and other tax authorities regularly examine our income tax returns. In November 2003, the IRS completed its field examination of our federal income tax returns for the tax years 1997 through 1999 and issued a Revenue Agent's

Report, or RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$143.0 million. In July 2006, the IRS completed its field examination of our federal income tax returns for the tax years 2000 through 2002 and issued an RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$324.0 million. In November 2006, the IRS revised the proposed aggregate tax deficiency for the three-year period to be approximately \$318.0 million.

We believe that the proposed IRS adjustments are inconsistent with applicable tax laws and we are challenging these proposed adjustments vigorously. The RARs are not final Statutory Notices of Deficiency but the IRS imposes

**Table of Contents**

interest on the proposed deficiencies until the matters are resolved. Interest is compounded daily at rates published by the IRS, which rates are adjusted quarterly and have been between four and ten percent since 1997.

For an additional description of the IRS examinations for the years 1997 through 1999 and 2000 through 2002, see the discussion under the heading "Provision for Income Taxes" above.

**Term Loan**

In December 2005, our Irish subsidiary, Castlewilder, entered into a syndicated term facility agreement, or Credit Agreement, with Banc of America Securities LLC as lead arranger, and Bank of America, N.A., as Administrative Agent. The Credit Agreement provides for a three-year \$160.0 million unsecured term loan, or Term Loan. Under the terms of the Credit Agreement, Castlewilder, at its election, may prepay the loan, in whole or in part, with no prepayment fee. During the year ended December 30, 2006, Castlewilder made quarterly principal payments of \$32.0 million, plus additional prepayments of \$100.0 million of the principal amount due under the loan, thereby reducing principal payments due under the Term Loan in 2007 and 2008. As of December 30, 2006, scheduled principal payments on the Term Loan due during 2007 are \$28.0 million.

**1.375% Convertible Senior Notes Due 2011 and 1.500% Convertible Senior Notes Due 2013**

In December 2006, we issued \$250.0 million principal amount of 1.375% Convertible Senior Notes Due 2011, or the 2011 Notes, and \$250.0 million of 1.500% Convertible Senior Notes Due 2013, or the 2013 Notes, and collectively, the Convertible Senior Notes, to three initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. We received net proceeds of approximately \$487.0 million after transaction fees of approximately \$13.0 million, including \$12.0 million of underwriting discounts, that were recorded in Other long-term assets on the Consolidated Balance Sheet as of December 30, 2006 and are being amortized to interest expense over the term of the Convertible Senior Notes. A portion of the net proceeds totaling \$228.5 million was used to purchase \$189.6 million principal amount of our Zero Coupon Zero Yield Senior Convertible Notes due 2023, or the 2023 Notes.

Holders may convert their Convertible Senior Notes prior to maturity upon the occurrence of one of the following events:

- The price of our common stock reaches \$27.50 during certain periods of time specified in the Convertible Senior Notes;
- Specified corporate transactions occur; or
- The trading price of the Convertible Senior Notes falls below a certain threshold.

On and after November 2, 2011, in the case of the 2011 Notes, and November 1, 2013, in the case of 2013 Notes, until the close of business on the scheduled trading day immediately preceding the maturity date, holders may convert their Convertible Senior Notes at any time, regardless of the foregoing circumstances. We may not redeem the Convertible Senior Notes prior to maturity.

The initial conversion rate for the Convertible Senior Notes is 47.2813 shares of our common stock per \$1,000 principal amount of Convertible Senior Notes, equivalent to a conversion price of approximately \$21.15 per share of our common stock. Upon conversion, a holder will receive the sum of the daily settlement amounts, calculated on a proportionate basis for each day, during a specified observation period following the conversion date. The daily settlement amount during each date of the observation period consists of:

- Cash up to the principal amount of the note; and

Our common stock to the extent that the conversion value exceeds the amount of cash paid upon conversion of the Convertible Senior Notes.

In addition, if a fundamental change occurs prior to maturity, we will, in certain cases, increase the conversion rate by an amount up to \$8.27 per share, for a holder that elects to convert its Convertible Senior Notes in connection with such fundamental change, which amount will be paid entirely in cash. A fundamental change is any transaction or event (whether by means of an exchange offer, liquidation, tender offer, consolidation, merger, combination, reclassification, recapitalization or otherwise) in connection with which more than 50% of our common stock is

**Table of Contents**

exchanged for, converted into, acquired for or constitutes solely the right to receive, consideration which is not at least 90% shares of common stock, or depositary receipts representing such shares, that are:

Listed on, or immediately after the transaction or event will be listed on, a United States national securities exchange; or

Approved, or immediately after the transaction or event will be approved, for quotation on a United States system of automated dissemination of quotations of securities prices similar to the NASDAQ National Market prior to its designation as a national securities exchange.

As of December 30, 2006, none of the conditions allowing the holders of the Convertible Senior Notes to convert had been met.

Interest on the Convertible Senior Notes began accruing in December 2006 and is payable semi-annually each December 15th and June 15th.

Concurrently with the issuance of the Convertible Senior Notes, we entered into hedge transactions with various parties whereby we have the option to purchase up to 23.6 million shares of our common stock at a price of \$21.15 per share, subject to adjustment. These options expire on December 15, 2011, in the case of the 2011 Notes, and December 15, 2013, in the case of the 2013 Notes, and must be settled in net shares. The aggregate cost of these hedge transactions was \$119.8 million and has been recorded as a reduction to stockholders' equity in accordance with EITF No. 00-19, Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a Company's Own Stock. The estimated fair value of the hedges acquired in connection with the issuance of the Convertible Senior Notes was \$118.3 million as of December 30, 2006. Subsequent changes in the fair value of these hedges will not be recognized as long as the instruments remain classified as equity.

In separate transactions, we also sold warrants to various parties for the purchase of up to 23.6 million shares of our common stock at a price of \$31.50 per share in a private placement pursuant to Section 4(2) of the Securities Act. The warrants expire on various dates from February 2012 through April 2012 in the case of the 2011 Notes, and February 2014 through April 2014 in the case of the 2013 Notes, and must be settled in net shares. We received \$39.4 million in cash proceeds from the sale of these warrants, which has been recorded as a reduction to stockholders' equity in accordance with EITF No. 00-19. The estimated fair value of the warrants sold in connection with the issuance of the Convertible Senior Notes was \$42.6 million as of December 30, 2006. Subsequent changes in the fair value of these warrants will not be recognized as long as the instruments remain classified as equity. The warrants will be included in diluted earnings per share, or EPS, to the extent the impact is not considered anti-dilutive.

**Zero Coupon Zero Yield Senior Convertible Notes due 2023**

In August 2003, we issued \$420.0 million principal amount of our 2023 Notes to two initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. We received net proceeds of \$406.4 million after transaction fees of \$13.6 million that were recorded in Other long-term assets and are being amortized to interest expense using the straight-line method over five years, which is the duration of the first redemption period. The 2023 Notes were issued by us at par and bear no interest. The 2023 Notes are convertible into our common stock initially at a conversion price of \$15.65 per share, which would result in an aggregate of 26.8 million shares issued upon conversion, subject to adjustment upon the occurrence of specified events. In connection with the issuance of the Convertible Senior Notes in December 2006, we repurchased \$189.6 million principal amount of the 2023 Notes, reducing the aggregate number of shares to be issued upon conversion to 14.7 million.

We may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount. The holders of the 2023 Notes may require us to repurchase for cash all or any portion of their 2023 Notes on August 15, 2008 for 100.25% of the principal amount, on August 15, 2013 for 100.00% of the principal amount or on August 15, 2018 for 100.00% of the principal amount, by providing to the paying agent a written repurchase notice. The repurchase notice must be delivered during the period commencing 30 business days prior to the relevant repurchase date and ending on the close of business on the business day prior to the relevant repurchase date. In addition, we may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008

**Table of Contents**

for 100.00% of the principal amount, except for those 2023 Notes that holders have required us to repurchase on August 15, 2008 or on other repurchase dates, as described above.

Each \$1,000 of principal of the 2023 Notes will initially be convertible into 63.8790 shares of our common stock, subject to adjustment upon the occurrence of specified events. Holders of the 2023 Notes may convert their 2023 Notes prior to maturity only if:

- The price of our common stock reaches \$22.69 during certain periods of time specified in the 2023 Notes;
- Specified corporate transactions occur;
- The 2023 Notes have been called for redemption; or
- The trading price of the 2023 Notes falls below a certain threshold.

In the event of a fundamental change in our corporate ownership or structure, the holders may require us to repurchase all or any portion of their 2023 Notes for 100.00% of the principal amount. Upon a fundamental change in our corporate ownership or structure, in certain circumstances we may choose to pay the repurchase price in cash, shares of our common stock or a combination of cash and shares of our common stock. As of December 30, 2006, none of the conditions allowing the holders of the 2023 Notes to convert had been met.

In connection with the issuance of the Convertible Senior Notes in December 2006, a portion of the proceeds were used to purchase in the open market 2023 Notes with a principal balance of \$189.6 million for a total purchase price of \$228.5 million. In connection with this purchase, we incurred expenses of \$40.8 million for the early extinguishment of debt. The loss on early extinguishment of debt included the call premium on the purchased 2023 Notes and the write-off of a portion of the unamortized deferred debt issuance costs.

Concurrently with the issuance of the 2023 Notes, we entered into hedge transactions with a financial institution whereby we originally acquired options to purchase up to 26.8 million shares of our common stock at a price of \$15.65 per share. These options expire on August 15, 2008 and must be settled in net shares. The cost of the hedge transactions to us was \$134.6 million. In connection with the purchase of a portion of the 2023 Notes in December 2006, we also sold 12.1 million of the hedges that were originally purchased in connection with the 2023 Notes and received proceeds of \$55.9 million.

In addition, we sold warrants for our common stock to a financial institution for the purchase of up to 26.8 million shares of our common stock at a price of \$23.08 per share. The warrants expire on various dates from February 2008 through May 2008 and must be settled in net shares. We received \$56.4 million in cash proceeds from the sale of these warrants. In connection with the purchase of a portion of the 2023 Notes in December 2006, we also purchased 12.1 million of the warrants for our common stock that were originally issued in connection with the 2023 Notes at a cost of \$10.2 million. The remaining outstanding warrants will be included in diluted EPS to the extent the impact is not considered anti-dilutive.

As of December 30, 2006, the estimated fair value of the remaining hedges acquired in connection with the issuance of the 2023 Notes was \$68.3 million and the estimated fair value of the remaining warrants sold in connection with the issuance of the 2023 Notes was \$12.0 million. Subsequent changes in the fair value of these hedge and warrant transactions will not be recognized as long as the instruments remain classified as equity.

**Sale-leaseback Agreement**

In January 2007, we completed the sale of certain land and buildings in San Jose, California for a sale price of \$46.5 million. Concurrently with the sale, we leased back from the purchaser approximately 262,500 square feet of office space, which represents all available space in the buildings. The lease agreement includes an initial term of two

years, with two options to extend the lease for six months each. We have committed to lease payments related to this lease of \$2.2 million in 2007, \$2.4 million in 2008 and \$0.2 million in 2009.

We received cash payment for the full sale price in January 2007. During the lease term, we intend to construct an additional building located on our San Jose, California campus to replace the buildings we sold in this transaction. We expect to use approximately \$22.0 million in cash during 2007 to begin construction on this new building.

**Table of Contents****Contractual Obligations and Off Balance Sheet Arrangements**

A summary of our contractual obligations as of December 30, 2006 is as follows:

	Total	Payments Due by Period			More Than 5 Years
		Less Than 1 Year	1-3 Years (In millions)	3-5 Years	
Operating lease obligations	\$ 135.4	\$ 33.9	\$ 44.9	\$ 19.9	\$ 36.7
Purchase obligations	20.7	19.6	1.1	----	----
Term loan	28.0	28.0	----	----	----
Convertible notes	730.4	----	230.4	250.0	250.0
Contractual interest payments	44.2	7.9	14.4	14.4	7.5
Other long-term contractual obligations	278.9	----	268.7	10.2	----
Total	\$ 1,237.6	\$ 89.4	\$ 559.5	\$ 294.5	\$ 294.2

As of December 30, 2006, the primary component of Other long-term contractual obligations of \$278.9 million related to income tax and acquisition related liabilities.

We expect that current cash and short-term investment balances and cash flows that are generated from operations will be sufficient to meet our working capital and other capital requirements for at least the next 12 months.

As of December 30, 2006, we did not have any significant off-balance sheet arrangements, as defined in Item 303(a)(4)(ii) of SEC Regulation S-K.

**New Accounting Standards**

In July 2006, the FASB issued FIN No. 48, *Accounting for Uncertainty in Income Taxes* an interpretation of FASB Statement No. 109, which prescribes a new recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. FIN No. 48 also provides guidance on derecognition, classification, interest and penalties, accounting in interim periods, disclosure and transition. FIN No. 48 amends SFAS No. 5, *Accounting for Contingencies*, to eliminate its applicability to income taxes. FIN No. 48 is effective for fiscal years beginning after December 15, 2006. The cumulative effect of applying FIN No. 48 will be reported as an adjustment to the opening balance of retained earnings (or other appropriate components of equity or net assets on our Consolidated Balance Sheet) for fiscal 2007. We are currently studying the transition effects of adopting FIN No. 48 and we are not yet able to assess the impact of FIN No. 48 on our financial statements and, therefore, we are currently not able to disclose the expected effect of adoption.

In September 2006, the SEC issued Staff Accounting Bulletin, or SAB, No. 108, *Considering the Effects of Prior Year Misstatements When Quantifying Misstatements in Current Year Financial Statements*, which provides interpretive guidance on how the effects of the carryover or reversal of prior year misstatements should be considered in quantifying a current year misstatement. SAB No. 108 is effective for us for the year ended December 30, 2006. The implementation of SAB No. 108 did not have a material effect on our consolidated financial position or results of

operations.

In September 2006, the FASB issued SFAS No. 157, Fair Value Measurements, which defines fair value, establishes guidelines for measuring fair value and expands disclosures regarding fair value measurements. SFAS No. 157 does not require any new fair value measurements but rather eliminates inconsistencies in guidance found in various prior accounting pronouncements. SFAS No. 157 is effective for fiscal years beginning after November 15, 2007. Earlier adoption is permitted, provided the company has not yet issued financial statements, including for interim periods, for that fiscal year. We are currently evaluating the impact of SFAS No. 157, but do

**Table of Contents**

not expect the adoption of SFAS No. 157 to have a material impact on our consolidated financial position, results of operations or cash flows.

**Item 7A. Quantitative and Qualitative Disclosures About Market Risk**

The information required by Item 7A is incorporated by reference from the section of this Annual Report on Form 10-K entitled "Disclosures About Market Risk" found in Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations."

**Item 8. Financial Statements and Supplementary Data**

The financial statements required by Item 8 are submitted as a separate section of this Annual Report on Form 10-K. See Item 15, "Exhibits and Financial Statement Schedules."

**Summary Quarterly Data - Unaudited**

	2006				2005			
	4 <sup>th</sup>	3 <sup>rd</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	4 <sup>th</sup>	3 <sup>rd</sup>	2 <sup>nd</sup>	1 <sup>st</sup>
	(In thousands, except per share amounts)							
Revenue	\$ 431,020	\$ 366,148	\$ 358,513	\$ 328,214	\$ 378,363	\$ 337,381	\$ 320,911	\$ 292,537
Cost of revenue *	\$ 53,921	\$ 52,735	\$ 59,846	\$ 60,597	\$ 54,588	\$ 57,272	\$ 60,031	\$ 59,517
Net income *	\$ 48,365	\$ 42,060	\$ 30,388	\$ 21,779	\$ 26,566	\$ 21,271	\$ 483	\$ 1,023
Net income per share basic * +	\$ 0.18	\$ 0.15	\$ 0.11	\$ 0.08	\$ 0.09	\$ 0.08	\$ 0.00	\$ 0.00
Net income per share diluted * +	\$ 0.16	\$ 0.14	\$ 0.10	\$ 0.07	\$ 0.08	\$ 0.07	\$ 0.00	\$ 0.00

\* We adopted SFAS No. 123R on January 1, 2006 using the modified prospective transition method. Using the modified prospective transition method, we began recognizing compensation expense for equity-based awards granted on or after January 1, 2006 and unvested awards granted prior to January 1, 2006.

+ We recorded a Loss on extinguishment of debt of \$40.8 million during the quarter ended December 30, 2006, which includes a premium paid to repurchase a portion of the 2023 Notes of \$38.9 million and a write-off of the related portion of unamortized deferred costs of issuing the 2023 Notes of \$1.9 million.

**Item 9. Changes in and Disagreements With Accountants on Accounting and Financial Disclosure**

None.

**Item 9A. Controls and Procedures**

**Evaluation of Disclosure Controls and Procedures**

We carried out an evaluation required by Rule 13a-15 of the Securities Exchange Act of 1934, as amended, or the Exchange Act, under the supervision and with the participation of our management, including the Chief Executive Officer, or CEO, and the Chief Financial Officer, or CFO, of the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of December 30, 2006.

The evaluation of our disclosure controls and procedures included a review of our processes and implementation and the effect on the information generated for use in this Annual Report on Form 10-K. In the course of this evaluation, we sought to identify any significant deficiencies or material weaknesses in our disclosure controls and procedures, to determine whether we had identified any acts of fraud involving personnel who have a significant role in our disclosure controls and procedures, and to confirm that any necessary corrective action, including process improvements, was taken. This type of evaluation is done every fiscal quarter so that our conclusions concerning the effectiveness of these controls can be reported in our periodic reports filed with the SEC. The overall goals of these evaluation activities are to monitor our disclosure controls and procedures and to make modifications as necessary. We intend to maintain these disclosure controls and procedures, modifying them as circumstances warrant.

## **Table of Contents**

Based on their evaluation as of December 30, 2006, our CEO and CFO have concluded that our disclosure controls and procedures were effective to provide reasonable assurance that the information required to be disclosed by us in our reports filed or submitted under the Exchange Act (i) is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms and (ii) is accumulated and communicated to our management, including the CEO and CFO, as appropriate to allow timely decisions regarding required disclosure.

### **Changes in Internal Control Over Financial Reporting**

There were no changes in our internal control over financial reporting during the quarter ended December 30, 2006 that materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

### **Inherent Limitations on Effectiveness of Controls**

Our management, including our CEO and CFO, does not expect that our disclosure controls and procedures or our internal control over financial reporting will prevent or detect all error and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within Cadence have been detected.

### **Management's Report on Internal Control Over Financial Reporting**

Our management is responsible for establishing and maintaining adequate internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act). Our management assessed the effectiveness of our internal control over financial reporting as of December 30, 2006. In making this assessment, our management used the criteria established in *Internal Control-Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission. Our management has concluded that, as of December 30, 2006, our internal control over financial reporting is effective based on these criteria. Our independent registered public accounting firm, KPMG LLP, has issued an audit report on our assessment of our internal control over financial reporting, which is included herein.

### **Item 9B. Other Information**

None.

**Table of Contents**

**PART III.**

**Item 10. Directors, Executive Officers and Corporate Governance**

The information required by Item 10 as to directors is incorporated herein by reference from the sections entitled Proposal 1 Election of Directors and Other Matters Section 16(a) Beneficial Ownership Reporting Compliance in Cadence's definitive proxy statement for its 2007 Annual Meeting of Stockholders.

The executive officers of Cadence are listed at the end of Part I of this Annual Report on Form 10-K.

The information required by Item 10 as to Cadence's code of ethics is incorporated herein by reference from the section entitled Corporate Governance Code of Business Conduct in Cadence's definitive proxy statement for its 2007 Annual Meeting of Stockholders.

The information required by Item 10 as to the director nomination process and Cadence's Audit Committee is incorporated by reference from the section entitled Cadence's Board of Directors Committees of the Board of Directors in Cadence's definitive proxy statement for its 2007 Annual Meeting of Stockholders.

**Item 11. Executive Compensation**

The information required by Item 11 is incorporated herein by reference from the sections entitled Cadence's Board of Directors Compensation of Directors, Compensation Committee Report, Compensation Committee Interlocks and Insider Participation, Compensation of Executive Officers and Potential Payments Upon Termination or Change-in-Control and Employment Contracts in Cadence's definitive proxy statement for its 2007 Annual Meeting of Stockholders.

**Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters**

The information required by Item 12 is incorporated herein by reference from the sections entitled Security Ownership of Certain Beneficial Owners and Management and Equity Compensation Plan Information in Cadence's definitive proxy statement for its 2007 Annual Meeting of Stockholders.

**Item 13. Certain Relationships and Related Transactions and Director Independence**

The information required by Item 13 is incorporated herein by reference from the sections entitled Certain Transactions and Cadence's Board of Directors Director Independence in Cadence's definitive proxy statement for its 2007 Annual Meeting of Stockholders.

**Item 14. Principal Accountant Fees and Services**

The information required by Item 14 is incorporated herein by reference from the section entitled Fees Billed to Cadence by KPMG LLP During Fiscal 2006 and 2005 in Cadence's definitive proxy statement for its 2007 Annual Meeting of Stockholders.

**Table of Contents****PART IV.****Item 15. Exhibits and Financial Statement Schedules**

	<b>Page</b>
(a) 1. <u>Financial Statements:</u>	
<u>Reports of Independent Registered Public Accounting Firm</u>	60
<u>Consolidated Balance Sheets as of December 30, 2006 and December 31, 2005</u>	62
<u>Consolidated Income Statements for the three fiscal years ended December 30, 2006</u>	63
<u>Consolidated Statements of Stockholders' Equity and Comprehensive Income for the three fiscal years ended December 30, 2006</u>	64
<u>Consolidated Statements of Cash Flows for the three fiscal years ended December 30, 2006</u>	66
<u>Notes to Consolidated Financial Statements</u>	67
(a) 2. <u>Financial Statement Schedules:</u>	
<u>II. Valuation and Qualifying Accounts and Reserves</u>	112
All other schedules are omitted because they are not required or the required information is shown in the Consolidated Financial Statements or Notes thereto.	
(a) 3. <u>Exhibits</u>	113

**Table of Contents**

**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

The Board of Directors and Stockholders  
Cadence Design Systems, Inc.:

We have audited the accompanying consolidated balance sheets of Cadence Design Systems, Inc. and subsidiaries (the Company) as of December 30, 2006 and December 31, 2005, and the related consolidated statements of income, stockholders' equity and comprehensive income, and cash flows for each of the years in the three-year period ended December 30, 2006. In connection with our audit of the consolidated financial statements, we also have audited the accompanying financial statement schedule. These consolidated financial statements and financial statement schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements and financial statement schedule based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Cadence Design Systems, Inc. and subsidiaries as of December 30, 2006 and December 31, 2005, and the results of their operations and their cash flows for each of the years in the three-year period ended December 30, 2006, in conformity with U.S. generally accepted accounting principles. Also, in our opinion, the related financial statement schedule, when considered in relation to the basic consolidated financial statements taken as a whole, presents fairly, in all material respects, the information set forth therein.

As discussed in Note 2 to the consolidated financial statements, effective January 1, 2006, the Company adopted the provisions of Statement of Financial Accounting Standards No. 123(R), *Share-Based Payment*.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the effectiveness of the Company's internal control over financial reporting as of December 30, 2006, based on the criteria established in *Internal Control - Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO), and our report dated February 23, 2007 expressed an unqualified opinion on management's assessment of, and the effective operation of, internal control over financial reporting.

/s/ KPMG LLP  
Mountain View, California  
February 23, 2007

**Table of Contents**

**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

The Board of Directors and Stockholders

Cadence Design Systems, Inc.:

We have audited management's assessment, included in the accompanying Management's Report on Internal Control over Financial Reporting appearing under Item 9A, that Cadence Design Systems, Inc. and subsidiaries (the Company) maintained effective internal control over financial reporting as of December 30, 2006, based on criteria established in *Internal Control - Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting. Our responsibility is to express an opinion on management's assessment and an opinion on the effectiveness of the Company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, evaluating management's assessment, testing and evaluating the design and operating effectiveness of internal control, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the consolidated financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, management's assessment that Cadence Design Systems, Inc. and subsidiaries maintained effective internal control over financial reporting as of December 30, 2006, is fairly stated, in all material respects, based on criteria established in *Internal Control - Integrated Framework* issued by the COSO. Also, in our opinion, Cadence Design Systems, Inc. maintained, in all material respects, effective internal control over financial reporting as of December 30, 2006, based on the criteria established in *Internal Control - Integrated Framework* issued by the COSO.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of Cadence Design System, Inc. and subsidiaries as of December 30, 2006 and December 31, 2005, and the related consolidated statements of income, stockholders' equity and comprehensive income, and cash flows for each of the years in the three-year period ended December 30, 2006, and our report dated February 23, 2007 expressed an unqualified opinion on those consolidated financial statements.

/s/ KPMG LLP  
Mountain View, California  
February 23, 2007

**Table of Contents**

**CADENCE DESIGN SYSTEMS, INC.**  
**CONSOLIDATED BALANCE SHEETS**  
**December 30, 2006 and December 31, 2005**  
**(In thousands, except per share amounts)**

**ASSETS**

	2006	2005
Current Assets:		
Cash and cash equivalents	\$ 934,342	\$ 861,315
Short-term investments	24,089	33,276
Receivables, net of allowances of \$3,804 and \$10,979, respectively	238,438	282,073
Inventories	37,179	28,902
Prepaid expenses and other	77,957	70,736
Total current assets	1,312,005	1,276,302
Property, plant and equipment, net	354,575	356,945
Goodwill	1,267,579	1,232,926
Acquired intangibles, net	112,738	153,847
Installment contract receivables	149,584	102,748
Other assets	246,341	278,544
Total Assets	\$ 3,442,822	\$ 3,401,312

**LIABILITIES AND STOCKHOLDERS EQUITY**

Current Liabilities:		
Current portion of long-term debt	\$ 28,000	\$ 32,000
Accounts payable and accrued liabilities	259,790	300,586
Current portion of deferred revenue	260,275	273,265
Total current liabilities	548,065	605,851
Long-Term Liabilities:		
Long-term portion of deferred revenue	95,018	51,864
Convertible notes	730,385	420,000
Long-term debt	----	128,000
Other long-term liabilities	370,063	350,893
Total long-term liabilities	1,195,466	950,757
Stockholders Equity:		
Preferred stock \$0.01 par value; authorized 400 shares, none issued or outstanding	----	----
Common stock \$0.01 par value; authorized 600,000 shares; issued and outstanding shares: 274,912 as of December 30, 2006; 287,634 as of December 31, 2005	1,398,899	1,299,800

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Treasury stock, at cost; 31,006 shares as of December 30, 2006; 4,811 shares as of December 31, 2005	(544,855)	(79,064)
Deferred stock compensation	----	(90,076)
Retained earnings	832,763	690,171
Accumulated other comprehensive income	12,484	23,873
Total stockholders' equity	1,699,291	1,844,704
Total Liabilities and Stockholders' Equity	\$ 3,442,822	\$ 3,401,312

The accompanying notes are an integral part of these consolidated financial statements.

**Table of Contents**

**CADENCE DESIGN SYSTEMS, INC.**  
**CONSOLIDATED INCOME STATEMENTS**  
**For the three fiscal years ended December 30, 2006**  
**(In thousands, except per share amounts)**

	2006	2005	2004
Revenue:			
Product	\$ 982,673	\$ 851,496	\$ 729,783
Services	134,895	126,169	137,046
Maintenance	366,327	351,527	330,651
<b>Total revenue</b>	<b>1,483,895</b>	<b>1,329,192</b>	<b>1,197,480</b>
Costs and Expenses:			
Cost of product	66,769	79,721	82,011
Cost of services	96,497	91,893	91,001
Cost of maintenance	63,833	59,794	53,054
Marketing and sales	405,579	366,164	333,059
Research and development	460,064	390,740	368,078
General and administrative	143,317	129,552	87,887
Amortization of acquired intangibles	23,141	47,762	55,700
Restructuring and other charges	(797)	35,334	13,542
Write-off of acquired in-process technology	900	9,400	9,000
<b>Total costs and expenses</b>	<b>1,259,303</b>	<b>1,210,360</b>	<b>1,093,332</b>
Income from operations	224,592	118,832	104,148
Loss on extinguishment of debt	(40,768)	----	----
Interest expense	(12,348)	(5,446)	(6,198)
Other income (expense), net	70,402	15,097	(11,513)
Income before provision for income taxes and cumulative effect of change in accounting principle	241,878	128,483	86,437
Provision for income taxes	99,704	79,140	11,963
Net income before cumulative effect of change in accounting principle	142,174	49,343	74,474
Cumulative effect of change in accounting principle, net of tax	418	----	----
<b>Net income</b>	<b>\$ 142,592</b>	<b>\$ 49,343</b>	<b>\$ 74,474</b>
Net income per share before cumulative effect of change in accounting principle:			
Basic	\$ 0.51	\$ 0.18	\$ 0.27

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Diluted		\$ 0.46	\$ 0.16	\$ 0.25
Net income per share after cumulative effect of change in accounting principle:				
Basic		\$ 0.51	\$ 0.18	\$ 0.27
Diluted		\$ 0.46	\$ 0.16	\$ 0.25
Weighted average common shares outstanding	basic	279,354	278,520	271,328
Weighted average common shares outstanding	diluted	312,457	314,383	305,774

The accompanying notes are an integral part of these consolidated financial statements.

**Table of Contents**

**CADENCE DESIGN SYSTEMS, INC.**  
**CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY AND COMPREHENSIVE INCOME**  
**For the three fiscal years ended December 30, 2006**  
**(In thousands)**

	Common Stock Outstanding Shares	Par Value and Capital in Excess of Par	Treasury Stock	Deferred Stock Compensation	Retained Earnings	Accumulated Other Comprehensive Income	Total Stockholders' Equity
BALANCE, JANUARY 3, 2004	270,147	\$ 1,144,284	\$ (110,094)	\$ (48,856)	\$ 566,354	\$ 20,593	\$ 1,572,281
Comprehensive income:							
Net income	----	----	----	----	74,474	----	74,474
Changes in unrealized holding loss on marketable securities, net of reclassification adjustment (Note 2) and taxes	----	----	----	----	----	(517)	(517)
Foreign currency translation gain	----	----	----	----	----	11,327	11,327
Total comprehensive income, net of taxes							85,284
Purchase of treasury stock	(7,031)	----	(94,105)	----	----	----	(94,105)
Issuance of common stock and re-issuance of treasury stock under equity incentive plans, net of forfeitures	12,331	(73,604)	151,776	----	----	----	78,172
Stock received for payment of employee taxes on vesting of restricted stock	(205)	----	(2,854)	----	----	----	(2,854)
Tax benefits from employee stock transactions	----	7,108	----	----	----	----	7,108
Tax benefits from call options	----	7,742	----	----	----	----	7,742
Stock issued in connection with acquisitions	1,263	14,934	----	----	----	----	14,934

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Deferred stock compensation, net of forfeitures	----	44,347	----	(44,347)	----	----	----
Amortization of deferred stock compensation	----	1,682	----	29,726	----	----	31,408
<b>BALANCE, JANUARY 1, 2005</b>	276,505	1,146,493	(55,277)	(63,477)	640,828	31,403	1,699,970
<b>Comprehensive income:</b>							
Net income	----	----	----	----	49,343	----	49,343
Changes in unrealized holding gain on marketable securities, net of reclassification adjustment (Note 2) and taxes	----	----	----	----	----	1,020	1,020
Foreign currency translation loss	----	----	----	----	----	(8,550)	(8,550)
<b>Total comprehensive income, net of taxes</b>							41,813
Purchase of treasury stock	(6,150)	----	(101,070)	----	----	----	(101,070)
Issuance of common stock and re-issuance of treasury stock under equity incentive plans, net of forfeitures	17,647	61,454	87,981	----	----	----	149,435
Stock received for payment of employee taxes on vesting of restricted stock	(651)	----	(10,698)	----	----	----	(10,698)
Tax benefits from employee stock transactions	----	11,715	----	----	----	----	11,715
Tax benefits from call options	----	6,167	----	----	----	----	6,167
Stock issued in connection with acquisitions	283	11,883	----	----	----	----	11,883
Deferred stock compensation, net of forfeitures	----	62,793	----	(62,793)	----	----	----
Amortization of deferred stock compensation	----	(705)	----	36,194	----	----	35,489
<b>BALANCE, DECEMBER 31, 2005</b>	287,634	\$ 1,299,800	\$ (79,064)	\$ (90,076)	\$ 690,171	\$ 23,873	\$ 1,844,704

The accompanying notes are an integral part of these consolidated financial statements.

**Table of Contents**

**CADENCE DESIGN SYSTEMS, INC.**  
**CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY AND COMPREHENSIVE INCOME**  
**For the three fiscal years ended December 30, 2006**  
**(In thousands)**

	Common Stock Outstanding Shares	Par Value and Capital in Excess of Par	Treasury Stock	Deferred Stock Compensation	Retained Earnings	Accumulated Other Comprehensive Income	Total Stockholders' Equity
BALANCE, DECEMBER 31, 2005	287,634	\$ 1,299,800	\$ (79,064)	\$ (90,076)	\$ 690,171	\$ 23,873	\$ 1,844,704
Comprehensive income:							
Net income	----	----	----	----	142,592	----	142,592
Changes in unrealized holding gain on marketable securities, net of reclassification adjustment (Note 2) and taxes	----	----	----	----	----	(6,527)	(6,527)
Foreign currency translation loss	----	----	----	----	----	(4,862)	(4,862)
Total comprehensive income, net of taxes							131,203
Purchase of treasury stock	(27,917)	----	(494,088)	----	----	----	(494,088)
Issuance of common stock and re-issuance of treasury stock under equity incentive plans, net of forfeitures	16,006	119,479	41,791	----	----	----	161,270
Stock received for payment of employee taxes on vesting of restricted stock	(821)	----	(13,494)	----	----	----	(13,494)
Purchase of call options in connection with convertible notes due 2011 and 2013 (Note 6)	----	(119,750)	----	----	----	----	(119,750)
Proceeds from sale of call options in connection with convertible notes due 2023 (Note 6)	----	55,864	----	----	----	----	55,864

Proceeds from sale of common stock warrants in connection with convertible notes due 2011 and 2013 (Note 6)	----	39,400	----	----	----	----	39,400
Purchase of common stock warrants in connection with convertible notes due 2023 (Note 6)	----	(10,201)	----	----	----	----	(10,201)
Tax benefits from employee stock transactions	----	14,741	----	----	----	----	14,741
Tax expense from call options	----	(6,159)	----	----	----	----	(6,159)
Stock issued in connection with acquisitions	10	2,594	----	----	----	----	2,594
Stock-based compensation expense	----	93,207	----	----	----	----	93,207
Elimination of unamortized deferred stock compensation	----	(90,076)	----	90,076	----	----	----
BALANCE, DECEMBER 30, 2006	274,912	\$ 1,398,899	\$ (544,855)	\$ ----	\$ 832,763	\$ 12,484	\$ 1,699,291

The accompanying notes are an integral part of these consolidated financial statements.

**Table of Contents**

**CADENCE DESIGN SYSTEMS, INC.**  
**CONSOLIDATED STATEMENTS OF CASH FLOWS**  
**For the three fiscal years ended December 30, 2006**  
**(In thousands)**

	2006	2005	2004
Cash and Cash Equivalents at Beginning of Year	\$ 861,315	\$ 448,517	\$ 309,175
Cash Flows from Operating Activities:			
Net income	142,592	49,343	74,474
Adjustments to reconcile net income to net cash provided by operating activities:			
Cumulative effect of change in accounting principle	(418)	----	----
Depreciation and amortization	147,117	184,717	179,205
Loss on extinguishment of debt	40,768	----	----
Stock-based compensation	103,986	39,902	31,408
Equity in loss from investments, net	1,200	6,492	16,944
Gain on investments, net	(32,903)	(18,297)	(7,492)
Write-down of investment securities	2,467	10,934	4,236
Write-off of acquired in-process technology	900	9,400	9,000
Non-cash restructuring and other charges	194	2,352	4,142
Tax benefits from employee stock transactions	----	11,715	7,108
Tax benefit (expense) from call options	(6,159)	6,167	7,742
Deferred income taxes	29,535	(22,968)	(15,695)
Proceeds from the sale of receivables, net	180,580	192,079	30,070
Provisions (recoveries) for losses (gains) on trade accounts receivable and sales returns	(6,777)	(1,755)	447
Other non-cash items	4,630	5,569	(5,406)
Changes in operating assets and liabilities, net of effect of acquired businesses:			
Receivables	92,977	54,928	(49,361)
Installment contract receivables	(261,983)	(155,648)	20,556
Inventories	(10,872)	(7,588)	(3,555)
Prepaid expenses and other	6,128	(8,094)	(3,410)
Other assets	749	1,640	16,417
Accounts payable and accrued liabilities	(51,462)	20,330	2,001
Deferred revenue	24,444	32,616	34,878
Other long-term liabilities	13,523	12,449	18,813
Net cash provided by operating activities	421,216	426,283	372,522
Cash Flows from Investing Activities:			
Proceeds from sale of available-for-sale securities	7,637	14,921	8,301
Proceeds from sale of short-term investments	----	289,225	516,935
Purchases of short-term investments	(147)	(180,975)	(549,835)

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Proceeds from the sale of long-term investments	26,054	6,075	9,900
Proceeds from the sale of property, plant and equipment	317	33,625	3,625
Purchases of property, plant and equipment	(67,636)	(71,656)	(61,779)
Purchases of software licenses	(8,409)	(2,600)	(4,157)
Investment in venture capital partnerships and equity investments	(3,800)	(14,184)	(22,773)
Cash paid in business combinations and asset acquisitions, net of cash acquired, and acquisitions of intangibles	(65,778)	(297,128)	(115,170)
Net cash used for investing activities	(111,762)	(222,697)	(214,953)
Cash Flows from Financing Activities:			
Proceeds from term loan	----	160,000	----
Principal payments on term loan and long-term debt	(132,000)	(62)	(370)
Proceeds from issuance of convertible notes due 2011 and 2013	500,000	----	----
Payment of convertible notes due 2023	(228,480)	----	----
Payment of convertible notes issuance costs	(12,032)	----	(1,920)
Purchase of call options in connection with convertible notes due 2011 and 2013	(119,750)	----	----
Proceeds from sale of call options in connection with convertible notes due 2023	55,864	----	----
Proceeds from sale of common stock warrants in connection with convertible notes due 2011 and 2013	39,400	----	----
Purchase of common stock warrants in connection with convertible notes due 2023	(10,201)	----	----
Tax benefit from employee stock transactions	10,712	----	----
Proceeds from issuance of common stock	156,648	146,481	75,318
Purchases of treasury stock	(494,088)	(101,070)	(94,105)
Net cash provided by (used for) financing activities	(233,927)	205,349	(21,077)
Effect of exchange rate changes on cash and cash equivalents	(2,500)	3,863	2,850
Increase in Cash and cash equivalents	73,027	412,798	139,342
Cash and Cash Equivalents at End of Year	\$ 934,342	\$ 861,315	\$ 448,517

The accompanying notes are an integral part of these consolidated financial statements.

**Table of Contents**

**CADENCE DESIGN SYSTEMS, INC.  
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
December 30, 2006**

**NOTE 1. CADENCE**

Cadence Design Systems, Inc., or Cadence, licenses electronic design automation, or EDA, software, sells or leases hardware technology and intellectual property and provides design and methodology services throughout the world to help manage and accelerate electronic product development processes. Cadence's broad range of products and services are used by electronics companies to design and develop complex integrated circuits, or ICs, and personal and commercial electronic systems.

**NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

**Principles of Consolidation and Basis of Presentation**

Cadence's fiscal year end is the Saturday closest to December 31. Fiscal 2006, 2005 and 2004 were 52-week years. The consolidated financial statements include the accounts of Cadence and its subsidiaries after elimination of intercompany accounts and transactions. All consolidated subsidiaries are wholly-owned by Cadence.

**Use of Estimates**

The preparation of consolidated financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

**Cash, Cash Equivalents and Short-Term Investments**

Cadence considers all highly liquid debt instruments, which could include commercial paper, European Union euro time deposits, repurchase agreements and certificates of deposit, with remaining maturities of three months or less at the time of purchase to be cash equivalents. Investments with maturities greater than three months and less than one year are classified as short-term investments.

**Foreign Currency Translation**

Cadence transacts business in various foreign currencies. In general, the functional currency of a foreign operation is the local country's currency except for Cadence's principal Irish, Israeli, Hungarian and Dutch subsidiaries, whose functional currency is the United States dollar. Non-functional currency monetary balances are re-measured into the functional currency of the subsidiary with any related gain or loss recorded in Other income (expense), net, in the accompanying Consolidated Income Statements. Assets and liabilities of operations outside the United States, for which the functional currency is the local currency, are translated into United States dollars using fiscal year-end exchange rates. Revenue and expenses are translated at the average exchange rates in effect during each fiscal month during the year. The effects of foreign currency translation adjustments are included in Stockholders' Equity as a component of Accumulated other comprehensive income in the accompanying Consolidated Balance Sheets.

**Derivative Financial Instruments**

Cadence accounts for its foreign currency exchange contracts in accordance with Statement of Financial Accounting Standards, or SFAS, No. 133, Accounting for Derivative Instruments and Hedging Activities. Cadence enters into foreign currency forward exchange contracts with financial institutions to protect against currency exchange risks associated with existing assets and liabilities. A foreign currency forward exchange contract acts as a hedge by increasing in value when underlying assets decrease in value or underlying liabilities increase in value due to changes in foreign exchange rates. Conversely, a foreign currency forward exchange

**Table of Contents**

contract decreases in value when underlying assets increase in value or underlying liabilities decrease in value due to changes in foreign exchange rates. The forward contracts are not designated as accounting hedges under SFAS No. 133 and, therefore, the unrealized gains and losses are recognized in Other income (expense), net, in advance of the actual foreign currency cash flows with the fair value of these forward contracts being recorded as accrued liabilities or other assets.

Cadence does not use forward contracts for trading purposes. Cadence's forward contracts generally have maturities of 90 days or less. Recognized gains or losses with respect to our current hedging activities will ultimately depend on how accurately Cadence is able to match the amount of currency forward exchange contracts with underlying asset and liability exposures.

**Allowance for Doubtful Accounts**

Cadence makes judgments as to its ability to collect outstanding receivables and provide allowances for the portion of receivables when collection becomes doubtful. Provisions are made based upon a specific review of all significant outstanding invoices and are recorded in operating expenses. For those invoices not specifically reviewed, provisions are made based on Cadence's historical bad debt experience. In determining these percentages, Cadence analyzes its historical collection experience and current economic trends. If the historical data Cadence uses to calculate the allowance provided for doubtful accounts does not reflect the future ability to collect outstanding receivables, additional provisions may be needed which could cause future results of operations to be materially affected.

**Allowance for Sales Returns**

Provisions for sales returns primarily relate to service arrangements and are recorded as a reduction to revenue. These provisions are made based on historical experience.

**Inventories**

Inventories are stated at the lower of cost (using the first-in, first-out method) or market value. Cadence's inventories include high technology parts and components for complex computer systems that emulate the performance and operation of computer IC and electronic systems. These parts and components may be specialized in nature or subject to rapid technological obsolescence. While Cadence has programs to minimize the required inventories on hand and considers technological obsolescence when estimating required reserves to reduce recorded amounts to market values, it is reasonably possible that such estimates could change in the near term. Cadence's practice is to reserve for inventory in excess of 12-month demand.

**Property, Plant and Equipment**

Property, plant and equipment is stated at historical cost. Depreciation and amortization are generally provided over the estimated useful lives, using the straight-line method, as follows:

Computer equipment and related software	3-8 years
Buildings	10-32 years
Leasehold and building improvements	Shorter of the lease term or the estimated useful life
Furniture and fixtures	3-5 years
Equipment	3-5 years

Cadence capitalizes the costs of software developed for internal use in compliance with Statement of Position, or SOP, 98-1 Accounting for the Costs of Computer Software Developed or Obtained for Internal Use and with Emerging Issues Task Force, or EITF, Issue 00-2 Accounting for Web Site Development Costs. Capitalization of software developed for internal use and web site development costs begins at the application development phase of the project. Capitalization of software developed for internal use and web site development costs ends, and amortization begins, when the computer software is substantially complete and ready for its intended use. Amortization is recorded on a straight-line basis over the estimated useful life of the software. Cadence capitalized \$24.3 million in 2006, \$32.6 million in 2005 and \$21.4 million in 2004.

## **Table of Contents**

Cadence recorded depreciation and amortization expense in the amount of \$72.0 million in 2006, \$68.8 million in 2005 and \$68.7 million in 2004 for property, plant and equipment.

### **Software Development Costs**

Cadence accounts for software development costs in accordance with SFAS No. 86, Accounting for the Costs of Computer Software to be Sold, Leased or Otherwise Marketed. Software development costs are capitalized beginning when a product's technological feasibility has been established by completion of a working model of the product and amortization begins when a product is available for general release to customers. The period between the achievement of technological feasibility and the general release of Cadence's products has typically been of short duration. Internally-generated software development costs have not been material.

Cadence capitalized \$7.3 million of purchased software during 2006, \$0.5 million of purchased software during 2005 and \$10.3 million of purchased software during 2004. Cadence has deemed the purchased software to have an alternative future use in accordance with SFAS No. 86. Therefore, Cadence begins amortization of purchased software when the technology is available for general release to customers. Amortization expense for purchased software was \$4.2 million in 2006, \$4.4 million in 2005 and \$2.2 million in 2004.

### **Acquired Intangibles, including Goodwill**

Acquired intangibles, which include purchased technology and other intangible assets, are stated at cost less accumulated amortization and are reviewed for impairment whenever events or circumstances indicate that an impairment may exist. In accordance with SFAS No. 142, Goodwill and Other Intangible Assets, goodwill and purchased intangibles with indefinite useful lives are not amortized but are reviewed for impairment at least annually or when events or changes in circumstances indicate that Cadence will not be able to recover the asset's carrying amount. Acquired intangibles with definite lives are amortized on a straight-line basis over the remaining estimated economic life of the underlying products and technologies (original lives assigned are one to ten years).

During the third quarters of 2006, 2005 and 2004, Cadence completed its annual impairment analysis of goodwill. Based on the results of these impairment reviews, Cadence has determined that no indicators of impairment existed for its one reporting unit in 2006 and 2005, and two reporting units in 2004 and, accordingly, no impairment charge was recognized during 2006, 2005 or 2004.

### **Long-lived Assets**

Cadence's long-lived assets consist of property, plant and equipment and other acquired intangibles, excluding goodwill. Cadence reviews its long-lived assets for impairment in accordance with SFAS No. 144, Accounting for the Impairment or Disposal of Long-Lived Assets. For assets to be held and used, Cadence initiates its review whenever events or changes in circumstances indicate that the carrying amount of a long-lived asset may not be recoverable. Recoverability of an asset is measured by comparison of its carrying amount to the expected future undiscounted cash flows that the asset is expected to generate. If it is determined that an asset is not recoverable, an impairment loss is recorded in the amount by which the carrying amount of the asset exceeds its fair value. During 2006, there were no significant impairments of long-lived assets. During 2005, Cadence abandoned certain assets and recorded a charge of \$2.4 million, which is included in Restructuring and other charges in the accompanying Consolidated Income Statements. During 2004, Cadence abandoned certain assets and recorded a charge of \$9.4 million on long-lived

assets, which charge is included in Restructuring and other charges in the accompanying Consolidated Income Statements.

## **Marketable and Non-Marketable Securities**

### Marketable Securities

Management considers all of its investments in marketable securities as available-for-sale. Available-for-sale securities are stated at fair value, with the unrealized gains and losses presented net of tax and reported as a separate component of Stockholders' equity. Realized gains and losses are determined using the specific identification method. Gains are recognized when realized and are recorded in the Consolidated Income Statements as Other income (expense), net. Losses are recognized as realized or when Cadence has determined that an other-than-temporary decline in fair value has occurred.

## **Table of Contents**

It is Cadence's policy to review the fair value of these marketable securities on a regular basis to determine whether its investments in these companies are other-than-temporarily impaired. This evaluation includes, but is not limited to, reviewing each company's cash position, financing needs, earnings or revenue outlook, operational performance, management or ownership changes and competition. If Cadence believes the carrying value of an investment is in excess of its fair value, and this difference is other-than-temporary, it is Cadence's policy to write down the investment to reduce its carrying value to fair value.

### **Non-Marketable Securities**

Cadence's non-marketable securities include investments in privately-held companies and companies that are publicly-traded but as to which there are trading restrictions on the shares Cadence owns. To determine the fair value of publicly-traded securities with trading restrictions, Cadence considers the current market price of the security and the specific characteristics of the restrictions. To determine the fair value of privately-held investments, Cadence uses the most recent round of financing or estimates of current fair value using traditional valuation techniques. It is Cadence's policy to review the fair value of these investments on a regular basis to determine whether the investments in these companies are other-than-temporarily impaired. This evaluation includes, but is not limited to, reviewing each company's cash position, financing needs, earnings or revenue outlook, operational performance, management or ownership changes and competition. In the case of privately-held companies, this evaluation is based on information that Cadence requests from these companies. This information is not subject to the same disclosure regulations as United States publicly-traded companies, and as such, the basis for these evaluations is subject to the timing and the accuracy of the data received from these companies. If Cadence believes the carrying value of an investment is in excess of fair value, and this difference is other-than-temporary, it is Cadence's policy to write down the investment to fair value.

### ***Equity Method Investments***

Cadence applies the guidance in Accounting Principles Board Opinion, or APB, No. 18, "The Equity Method of Accounting for Investments in Common Stock," as amended, and EITF No. 02-14, "Whether an Investor Should Apply the Equity Method of Accounting to Investments Other Than Common Stock," to classify investments as equity method investments. These investments are held in the form of voting preferred stock or convertible debt of privately-held companies. If Cadence determines that it has the ability to exercise significant influence over the investee and the investment is in the form of in-substance common stock, the investment is accounted for under the equity method.

In applying the equity method of accounting, Cadence applies approach (a) of EITF No. 99-10, "Percentage Used to Determine the Amount of Equity Method Losses." Accordingly, the portion of equity method loss or income recorded by Cadence is based on its percentage ownership of each investee's preferred stock or convertible debt available to absorb losses or with contractual rights to income. Its level of participation in future financings of its equity method investees may impact Cadence's proportional share in future income or losses. Cadence records its interest in equity method gains and losses in the quarter following incurrence because it is not practicable to obtain investee financial statements prior to the issuance of Cadence's Consolidated Financial Statements.

### ***Cost Method Investments***

Investments accounted for by Cadence under the cost method of accounting are carried at historical cost and Cadence periodically evaluates the fair value of each investment to determine if an other-than-temporary decline in value has occurred.

### **Nonqualified Deferred Compensation Trust**

Executive Officers and Directors may elect to defer compensation payable to them under Cadence's 1994 Nonqualified Deferred Compensation Plan, or the NQDC. Deferred compensation payments are held in accounts with values indexed to the performance of selected mutual funds or money market accounts. In accordance with EITF No. 97-14,

Accounting for Deferred Compensation Arrangements Where Amounts Earned Are Held in a Rabbi Trust and Invested, Cadence consolidates the NQDC trust accounts in its Consolidated Financial Statements.

## **Table of Contents**

The selected mutual funds or money market accounts held in the NQDC trust are classified as trading securities in accordance with SFAS No. 115, Accounting for Certain Investments in Debt and Equity Securities. Trading securities are stated at fair value, with the unrealized gains and losses recognized in the Consolidated Income Statements as Other income (expense), net. These trading securities are classified as Other assets on the Consolidated Balance Sheets because the securities are not available for Cadence's use in its operations.

Cadence's obligation with respect to the NQDC trust is recorded in Other long-term liabilities on its Consolidated Balance Sheets. Increases and decreases in the NQDC liability are recorded as compensation expense in the Consolidated Income Statements.

## **Deferred Revenue**

Deferred revenue arises when customers pay for products and/or services in advance of revenue recognition. Cadence's deferred revenue consists primarily of unearned revenue on maintenance and product licenses for which revenue is recognized in installments over the duration of the license. Maintenance on perpetual licenses is generally renewed annually, billed in full in advance, and the corresponding revenue is recognized over the ensuing 12-month maintenance term. The fees under product licenses for which revenue is not recognized immediately and for maintenance in connection with term and subscription licenses are generally billed quarterly in advance and the related revenue is recognized over multiple periods over the ensuing license period.

## **Comprehensive Income**

Other comprehensive income includes foreign currency translation gains and losses and unrealized gains and losses on marketable securities that are available-for-sale that have been excluded from net income and reflected instead in stockholders' equity. Cadence has reported the components of comprehensive income in its Consolidated Statements of Stockholders' Equity. Cadence reclassified \$6.7 million in 2006, net of \$2.7 million of tax, \$9.2 million in 2005, net of \$3.7 million of tax, and \$6.8 million in 2004, net of \$2.7 million of tax, from unrealized holding gains and losses on marketable securities to realized gains included in Other income (expense), net, in the accompanying Consolidated Income Statements. The tax expense (benefit) for gross unrealized holding gains (losses) in marketable equity securities was \$(4.4) million in 2006, \$(1.2) million in 2005 and \$(16.4) million in 2004.

## **Revenue Recognition**

Cadence applies the provisions of SOP, 97-2, Software Revenue Recognition, as amended by SOP 98-9, Modification of SOP 97-2, Software Revenue Recognition, With Respect to Certain Transactions, to all product revenue transactions where the software is not incidental. Cadence also applies the provisions of SFAS No. 13, Accounting for Leases, to all hardware lease transactions. Cadence recognizes revenue when persuasive evidence of an arrangement exists, the product has been delivered, the fee is fixed or determinable, collection of the resulting receivable is probable, and vendor-specific objective evidence of fair value, or VSOE, exists.

Cadence licenses software using three different license types:

- Subscription licenses;
- Term licenses; and
- Perpetual licenses.

*Subscription licenses* Cadence's subscription license arrangements offer customers the right to:

Access and use all software products delivered at the outset of an arrangement throughout the entire term of the arrangement, generally two to three years, with no rights to return;

Use unspecified additional software products that become commercially available during the term of the arrangement; and

Remix among the software products delivered at the outset of the arrangement, as well as the right to remix into other unspecified additional software products that may become available during the term of the arrangement, so long as the cumulative value of all products in use does not exceed the total license fee determined at the outset of the arrangement. These remix rights may be exercisable multiple times

## **Table of Contents**

during the term of the arrangement. The right to remix all software products delivered pursuant to the license agreement is not considered an exchange or return of software because all software products have been delivered and the customer has the continuing right to use them.

In general, revenue associated with subscription licenses is recognized ratably over the term of the license commencing upon the later of the effective date of the arrangement or delivery of the software product. Subscription license revenue is allocated to product and maintenance revenue. The allocation to maintenance revenue is based on vendor specific objective evidence, or VSOE, of fair value of the undelivered maintenance that was established in connection with the sale of our term licenses.

*Term licenses* Cadence's term license arrangements offer customers the right to:

Access and use all software products delivered at the outset of an arrangement throughout the entire term of the arrangement, generally two to three years, with no rights to return; and  
Remix among the software products delivered at the outset of the arrangement, so long as the cumulative value of all products in use does not exceed the total license fee determined at the outset of the arrangement. These remix rights may be exercisable multiple times during the term of the arrangement.

The right to remix all software products delivered pursuant to the license agreement is not considered an exchange or return of software because all software products have been delivered and the customer has the continuing right to use them. In general, revenue associated with term licenses is recognized upon the later of the effective date of the arrangement or delivery of the software product.

*Perpetual licenses* Cadence's perpetual licenses consist of software licensed on a perpetual basis with no right to return or exchange the licensed software. In general, revenue associated with perpetual licenses is recognized upon the later of the effective date of the license or delivery of the licensed product.

*Persuasive evidence of an arrangement* Generally, Cadence uses a contract signed by the customer as evidence of an arrangement for subscription and term licenses and hardware leases. If a contract signed by the customer does not exist, Cadence has historically used a purchase order as evidence of an arrangement for perpetual licenses, hardware sales, maintenance renewals and small fixed-price service projects, such as training classes and small methodology service engagements of approximately \$10,000 or less. For all other service engagements, Cadence uses a signed professional services agreement and a statement of work to evidence an arrangement. In cases where both a signed contract and a purchase order exist, Cadence considers the signed contract to be the most persuasive evidence of the arrangement. Sales through Cadence's distributors are evidenced by a master agreement governing the relationship, together with binding purchase orders from the distributor on a transaction-by-transaction basis.

*Product delivery* Software and the corresponding access keys are generally delivered to customers electronically. Electronic delivery occurs when Cadence provides the customer access to the software. Occasionally, Cadence will deliver the software on a compact disc with standard transfer terms of free-on-board, or F.O.B., shipping point. Cadence's software license agreements generally do not contain conditions for acceptance. With respect to hardware, delivery of an entire system is deemed to occur upon its successful installation. For certain hardware products, installation is the responsibility of the customer, as the system is fully functional at the time of shipment. For these products, delivery is deemed to be complete when the products are shipped with freight terms of F.O.B. shipping point.

*Fee is fixed or determinable* Cadence assesses whether a fee is fixed or determinable at the outset of the arrangement, primarily based on the payment terms associated with the transaction. Cadence has established a history of collecting under the original contract without providing concessions on payments, products or services. For installment contracts

that do not include a substantial up front payment, Cadence may only determine that a fee is fixed or determinable if the arrangement has payment periods that are equal to or less than the term of the licenses and the payments are collected in equal or nearly equal installments, when evaluated over the entire term of the arrangement.

Significant judgment is involved in assessing whether a fee is fixed or determinable. Cadence must also make these judgments when assessing whether a contract amendment to a term arrangement (primarily in the context of a

**Table of Contents**

license extension or renewal) constitutes a concession. Cadence's experience has been that it is able to determine whether a fee is fixed or determinable for term licenses. While Cadence does not expect that experience to change, if Cadence no longer were to have a history of collecting under the original contract without providing concessions on term licenses, revenue from term licenses would be required to be recognized when payments under the installment contract become due and payable. Such a change could have a material impact on Cadence's results of operations.

*Collection is probable* Cadence assesses the probability of collecting from each customer at the outset of the arrangement based on a number of factors, including the customer's payment history and its current creditworthiness. Cadence has concluded that collection is not probable for license arrangements executed with customers in certain countries. If in Cadence's judgment collection of a fee is not probable, Cadence defers the revenue until the uncertainty is removed, which generally means revenue is recognized upon receipt of cash payment. Cadence's experience has been that it is able to estimate whether collection is probable. While Cadence does not expect that experience to change, if Cadence were to determine that collection is not probable for any license arrangement, particularly those with installment payment terms, revenue from such license would be recognized generally upon the receipt of cash payment. Such a change could have a material impact on Cadence's results of operations.

*Vendor-specific objective evidence of fair value* Cadence's VSOE for certain product elements of an arrangement is based upon the pricing in comparable transactions when the element is sold separately. VSOE for maintenance is generally based upon the customer's stated annual renewal rates. VSOE for services is generally based on the price charged when the services are sold separately. For multiple element arrangements, VSOE must exist to allocate the total fee among all delivered and undelivered elements of a term or perpetual license arrangement. If VSOE does not exist for all elements to support the allocation of the total fee among all delivered and undelivered elements of the arrangement, revenue is deferred until such evidence does exist for the undelivered elements, or until all elements are delivered, whichever is earlier. If VSOE of all undelivered elements exists but VSOE does not exist for one or more delivered elements, revenue is recognized using the residual method. Under the residual method, the VSOE of the undelivered elements is deferred, and the remaining portion of the arrangement fee is recognized as revenue as the elements are delivered. Cadence's experience has been that it is able to estimate VSOE.

*Finance fee revenue* Finance fees result from discounting to present value the product revenue derived from installment contracts in which the payment terms extend beyond one year from the effective date of the contract. Finance fees are recognized using a method that approximates the effective interest method over the relevant license term and are classified as product revenue. Finance fee revenue represented approximately 2% of total revenue for each of the years ended December 30, 2006, December 31, 2005 and January 1, 2005. Upon the sale of an installment contract, Cadence recognizes the remaining finance fee revenue associated with the installment contract.

*Services revenue* Services revenue consists primarily of revenue received for performing design and methodology services. These services are not related to the functionality of the products licensed. Revenue from service contracts is recognized either on the time and materials method, as work is performed, or on the percentage-of-completion method. For contracts with fixed or not-to-exceed fees, Cadence estimates on a monthly basis the percentage-of-completion, which is based on the completion of milestones relating to the arrangement. Cadence has a history of accurately estimating project status and the costs necessary to complete projects. A number of internal and external factors can affect these estimates, including labor rates, utilization and efficiency variances and specification and testing requirement changes. If different conditions were to prevail such that accurate estimates could not be made, then the use of the completed contract method would be required and the recognition of all revenue and costs would be deferred until the project was completed. Such a change could have a material impact on Cadence's results of operations.

## **Table of Contents**

### **Accounting for Income Taxes**

Cadence uses the asset and liability method to account for income taxes. Under this method, Cadence is required to estimate its income taxes in each of the jurisdictions in which it operates. This process involves estimating actual current tax liabilities together with assessing temporary differences resulting from differing treatment of items, such as deferred revenue, for tax and accounting purposes. These differences result in deferred tax assets and liabilities, which are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date. Cadence then assesses the likelihood that deferred tax assets will be recovered from future taxable income, and to the extent it believes that recovery is not likely, Cadence must establish a valuation allowance. To the extent Cadence establishes a valuation allowance for deferred tax assets or increases this allowance, Cadence may need to include an expense within the tax provision of its Consolidated Income Statement.

Significant management judgment is required in determining the provision for income taxes, deferred tax assets and liabilities and any valuation allowance recorded against net deferred tax assets. The valuation allowance is based on estimates of taxable income for each jurisdiction in which Cadence operates for the period over which deferred tax assets will be recoverable. In the event that actual results differ from these estimates or Cadence adjusts these estimates in future periods, Cadence may need to establish an additional valuation allowance, which could materially affect its consolidated financial position or results of operations.

### **Restructuring Charges**

Cadence accounts for restructuring charges in accordance with SEC Staff Accounting Bulletin No. 100, *Restructuring and Impairment Charges*, as amended. From fiscal 2001 through fiscal 2005, Cadence undertook significant restructuring initiatives. The individual components of the restructuring activities initiated prior to fiscal 2003 were accounted for in accordance with EITF No. 94-3, *Liability Recognition for Certain Employee Termination Benefits and Other Costs to Exit an Activity (including Certain Costs Incurred in a Restructuring)*, and EITF No. 88-10, *Costs Associated with Lease Modifications or Terminations*.

For restructuring activities initiated after fiscal 2002, Cadence accounted for the leased facilities in accordance with SFAS No. 146, *Accounting for Costs Associated with Exit or Disposal Activities*. For all periods presented, Cadence accounted for the asset-related portions of these restructurings in accordance with SFAS No. 144, *Accounting for the Impairment or Disposal of Long-Lived Assets*. In addition, for all periods presented, the severance and benefits charges were accounted for in accordance with SFAS No. 112, *Employers' Accounting for Postemployment Benefits* An Amendment of FASB Statements No. 5 and 43.

In connection with these restructuring initiatives, cadence has made a number of estimates and assumptions related to losses on excess facilities vacated or consolidated, particularly the timing of subleases and sublease terms. Closure and space reduction costs included in the restructuring charges include payments required under leases less any applicable estimated sublease income after the facilities are abandoned, lease buyout costs and certain contractual costs to maintain facilities during the period after abandonment.

In addition, Cadence has recorded estimated provisions for termination benefits and outplacement costs, long-term asset impairments, and other restructuring costs. Cadence regularly evaluates the adequacy of its restructuring accrual, and adjusts the balance based on changes in estimates and assumptions. Cadence may incur future charges for new restructuring activities as well as for changes in estimates to amounts previously recorded.

**Stock-Based Compensation**

Cadence adopted SFAS No. 123R Share-Based Payment, on January 1, 2006 using the modified prospective transition method. SFAS No. 123R requires companies to recognize the cost of employee services received in exchange for awards of equity instruments based upon the fair value of those awards on the grant date. Using the modified prospective transition method of adopting SFAS No. 123R, Cadence began recognizing compensation expense for equity-based awards granted on or after January 1, 2006 and unvested awards granted prior to January 1,

**Table of Contents**

2006. Prior period stock-based compensation expense recognized under APB No. 25 Accounting for Stock Issued to Employees has been reclassified to conform to the current year presentation.

Under SFAS No. 123R, stock-based compensation expense is measured at the grant date based on the value of the option or restricted stock and is recognized as expense, less expected forfeitures, over the requisite service period, which is generally the vesting period. The fair value of each option grant and each purchase right granted under Cadence's Employee Stock Purchase Program, or ESPP, is estimated on the date of grant using the Black-Scholes option pricing model. The fair value of each restricted stock issuance is determined using the fair value of Cadence's common stock on the grant date. Cadence recognizes stock-based compensation expense on the straight-line method for options and restricted stock that only contain a service condition and on the graded-vesting method for options and restricted stock that contain both a service and performance condition. See Note 4 for additional information on performance-based restricted stock awards. Determining the fair value of stock-based awards at the grant date requires judgment, including estimating:

- The expected volatility of our stock;
- The expected term of stock options;
- The risk-free interest rate for the period;
- Expected dividends; and
- Expected forfeitures.

The computation of the expected volatility assumption used in the Black-Scholes pricing model for option grants is based on implied volatility calculated using an average of the volatility of publicly traded options for Cadence common stock and the 2023 Notes. Cadence uses this approach to determine volatility because:

- Options for Cadence's common stock are actively traded;
- The market prices of both the traded options and underlying shares are measured at a similar point in time to each other and on a date reasonably close to the grant date of the employee stock options;
- The traded options have exercise prices that are both near-the-money and close to the exercise price of the employee stock options; and
- The remaining maturities of the traded options on which the estimate is based are at least one year.

When establishing the expected life assumption, Cadence reviews annual historical employee exercise behavior with respect to option grants having similar vesting periods. The risk-free interest rate for the period within the expected term of the option is based on the yield of United States Treasury notes in effect at the time of grant. Cadence has not historically paid dividends, thus the expected dividends used in the calculation are zero.

Judgment is also required in estimating the amount of stock-based awards that Cadence expects to be forfeited. Cadence calculates a separate expected forfeiture rate for both stock options and restricted stock issuances based on historical trends.

The valuation of all options, including the expected life of stock options, and the expected forfeiture rates for options and restricted stock, are calculated based on one employee pool as there is no significant difference in exercise behavior between classes of employees.

In November 2005, the Financial Accounting Standards Board, or FASB, issued Financial Statement Position, or FSP, on SFAS No. 123R-3, Transition Election Related to Accounting for Tax Effects of Share-Based Payment Awards. Effective upon issuance, FSP No. 123R-3 provides for an alternative transition method for calculating the tax effects of stock-based compensation expense pursuant to SFAS No. 123R. The alternative transition method provides simplified approaches to establish the beginning balance of a tax benefit pool comprised of the additional paid-in

capital, or APIC, related to the tax effects of employee stock-based compensation expense, and to determine the subsequent impact on the APIC tax benefit pool and the statement of cash flows of stock-based awards that were outstanding upon the adoption of SFAS No. 123R. Upon adoption of SFAS No. 123R, Cadence made the election to calculate the tax effects of stock-based compensation expense using the alternative transition method pursuant to FSP No. 123R-3 and computed the beginning balance of the APIC tax benefit pool by applying the simplified method, which resulted in an APIC tax benefit pool windfall position. Accordingly, upon adoption of SFAS No. 123R, Cadence had cumulative excess tax benefits from stock-based compensation available in APIC

## **Table of Contents**

that could be used to offset an equal amount of future tax shortfalls (i.e., when the amount of the tax deductible stock-based compensation is less than the related stock-based compensation cost).

## **Concentrations of Credit Risk**

Financial instruments, including derivative financial instruments, that may potentially subject Cadence to concentrations of credit risk, consist principally of cash and cash equivalents, short-term investments, long-term investments, accounts receivable and forward contracts. Concentration of credit risk related to accounts receivable is limited, due to the varied customers comprising Cadence's customer base and their dispersion across geographical locations. Credit exposure related to the forward contracts is limited to the realized and unrealized gains on these contracts. Cadence issued options and warrants to hedge potential dilution of its convertible notes, as described more fully in Note 6. Changes in the fair value of these hedge and warrant transactions are not marked to market and are not recognized in Cadence's Consolidated Income Statement as long as the instruments remain classified as equity. All financial instruments are executed with financial institutions having strong credit ratings, which minimizes risk of loss due to nonpayment.

## **Fair Value of Financial Instruments**

The fair value of Cadence's cash and cash equivalents, short-term investments, receivables, accounts payable and foreign currency forward exchange contracts approximate their carrying value due to the short-term nature of these instruments. The fair market values of Cadence's long-term investments, term loan and installment contract receivables approximate their carrying values based upon current market rates of interest. The fair value of Cadence's convertible notes is influenced by interest rates and Cadence's stock price and stock price volatility and is determined by market trading. Based on closing market prices on December 30, 2006, the total fair market value of Cadence's Convertible Senior Notes was \$505.1 million and the total fair market value of Cadence's 2023 Notes was \$273.4 million. See Note 6 for the fair value of Cadence's convertible note hedges and warrants.

## **Leases**

Cadence uses operating leases in its operations. For leases that contain rent escalations or rent concessions, Cadence records the total rent payable during the lease term on a straight-line basis over the term of the lease. Cadence records the difference between the rents paid and the straight-line rent as a deferred rent liability in the accompanying Consolidated Balance Sheets.

## **Advertising**

Cadence expenses the costs of advertising as incurred. Advertising expense was approximately \$10.5 million in 2006, \$9.0 million in 2005, and \$11.6 million in 2004, and is included in Marketing and sales in the accompanying Consolidated Income Statements.

## **New Accounting Standard**

In September 2006, the Securities and Exchange Commission issued Staff Accounting Bulletin, or SAB, No. 108, *Considering the Effects of Prior Year Misstatements When Quantifying Misstatements in Current Year Financial Statements*, which provides interpretive guidance on how the effects of the carryover or reversal of prior year misstatements should be considered in quantifying a current year misstatement. SAB No. 108 is effective for Cadence for the year ended December 30, 2006. The implementation of SAB No. 108 did not have a material effect on Cadence's consolidated financial position or results of operations.

**NOTE 3. STOCK COMPENSATION PLANS**

**Equity Incentive Plans**

Cadence's 2000 Nonstatutory Equity Incentive Plan, or the 2000 Plan, 1997 Nonstatutory Stock Incentive Plan, or 1997 Plan, and 1993 Nonstatutory Stock Incentive Plan, or 1993 Plan (the 2000 Plan, the 1997 Plan and the 1993 Plan are referred to collectively as the Nonstatutory Stock Incentive Plans), provide for the issuance of non-

## **Table of Contents**

qualified options, incentive stock, stock bonuses and rights to acquire restricted stock to Cadence employees and consultants who are not executive officers, directors or beneficial owners of 10% or more of Cadence common stock. The number of shares available for issuance under the 2000 Plan is 50,000,000, under the 1997 Plan is 30,000,000 and under the 1993 Plan is 24,750,000. Options granted under the Nonstatutory Stock Incentive Plans have an exercise price not less than the fair market value of the stock on the date of grant. Options granted to new employees become exercisable over a period of up to four years, generally with one-fourth of the shares vesting one year from the vesting commencement date, and the remaining shares vesting in 36 equal monthly installments thereafter. Options granted to current employees become exercisable over a period of up to four years, generally vesting in 48 equal monthly installments. Options granted under the Nonstatutory Stock Incentive Plans prior to October 1, 2006 generally expire ten years from the date of grant. Options granted under the Nonstatutory Stock Incentive Plans after October 1, 2006 generally expire seven years from the date of grant. Awards of incentive stock granted under the Nonstatutory Stock Incentive Plans vest at times and in installments approved by the Board of Directors or its Compensation Committee, on the basis of continued employment, passage of time and/or performance criteria.

Cadence's 1987 Stock Incentive Plan, or the 1987 Plan, provides for the issuance of either incentive or non-qualified options and incentive stock. The number of shares available for issuance under the 1987 Plan is 71,370,100 shares, of which only 3,000,000 shares may be issued pursuant to incentive stock awards. Options granted under the 1987 Plan have an exercise price not less than fair market value of the stock on the date of grant and become exercisable over periods of up to five years. Options granted under the 1987 Plan prior to October 1, 2006 generally expire ten years from the date of grant. Options granted under the 1987 Plan after October 1, 2006 generally expire seven years from the date of grant. Awards of incentive stock granted under the 1987 Plan vest at times and in installments set forth in the 1987 Plan and approved by the Board of Directors or its Compensation Committee, on the basis of continued employment, passage of time and/or performance criteria.

Under the 1995 Directors' Stock Option Plan, or the Directors' Plan, Cadence may grant non-qualified options to its non-employee directors for up to 3,050,000 shares of common stock at an exercise price not less than the fair market value of the stock on the date of grant. Options granted under the Directors' Plan have terms of ten years and vest one year from the date of grant.

Cadence has assumed certain options granted to employees of acquired companies, or Acquired Options. The Acquired Options were assumed by Cadence outside of its stock option plans, and each option is administered under the terms of the respective original plans of the acquired companies. All of the Acquired Options have been adjusted to effectuate the price conversion under the terms of the acquisition agreement between Cadence and the relevant acquired company. The Acquired Options generally become exercisable over a four or five year period and generally expire between five and ten years from the date of grant. No additional options will be granted under any of the acquired companies' plans.

### **Employee Stock Purchase Plan (ESPP)**

In November 1998, the Board of Directors adopted, and the Cadence stockholders subsequently approved, Cadence's Amended and Restated Employee Stock Purchase Plan, which amended and restated the 1990 Employee Stock Purchase Plan, or the ESPP. Subsequent amendments approved by the Board of Directors and Cadence stockholders increased the number of shares of common stock authorized for issuance under the ESPP to 46,500,000 shares.

Under the ESPP, substantially all employees may purchase Cadence's common stock at a price equal to 85 percent of the lower of the fair market value at the beginning of the applicable offering period or at the end of each applicable purchase period, in an amount up to 12% of their annual base earnings plus bonuses. The offering periods under the ESPP that began prior to August 1, 2006 were concurrent 24-month offering periods. Each offering period was divided into four consecutive six-month purchase periods. All offering periods that started before August 1, 2006 will

continue until they are completed or until they are terminated as provided in the documents governing the ESPP. Participants in the ESPP will remain in the 24-month offering periods until these offering periods are completed or until such participant withdraws from the ESPP, whichever is earlier. Effective August 1, 2006, offering periods under the ESPP are six months with a corresponding six month purchase period. New offering periods begin on each August 1st and February 1st, and those offering periods run consecutively rather

**Table of Contents**

than concurrently. Participants will be converted to the six-month offering periods starting with the next offering period in which the participants enroll on or after August 1, 2006.

The purchase dates under the ESPP are January 31st and July 31st of each year.

**Stockholder Rights Plan**

Cadence had a stockholder rights plan to protect its stockholders' rights in the event of a proposed or actual acquisition of 15% or more of the outstanding shares of Cadence common stock. The rights plan expired on February 9, 2006.

**NOTE 4. STOCK-BASED COMPENSATION**

Stock-based compensation expense and the related income tax benefit recognized under SFAS No. 123R in the Consolidated Income Statements in connection with stock options, restricted stock and the ESPP for the year ended December 30, 2006 was as follows:

	Year Ended December 30, 2006 (In thousands)	
Stock options	\$	48,288
Restricted stock		46,488
ESPP		9,210
Total stock-based compensation expense	\$	103,986
Income tax benefit	\$	31,895

The adoption of SFAS No. 123R had the following impact for the year ended December 30, 2006:

	Year Ended December 30, 2006 (In thousands, except per share amounts)	
Income before taxes	\$	(48,593)
Net income	\$	(35,275)
Basic net income per share	\$	(0.13)
Diluted net income per share	\$	(0.11)
Net cash provided by operating activities	\$	(10,712)

As required by SFAS No. 123R, on January 1, 2006, Cadence eliminated the unamortized Deferred stock compensation of \$90.1 million, which in turn reduced Common stock and capital in excess of par value by the same amount, which had been included in Stockholders' Equity on Cadence's Consolidated Balance Sheet as of

December 31, 2005.

**Stock Options**

The exercise price of each stock option granted under one of Cadence's equity incentive plans equals the market price of Cadence's common stock on the date of grant. The weighted average grant date fair value of options

**Table of Contents**

granted during the year ended December 30, 2006 was \$5.58. The weighted average assumptions used in the model for the year ended December 30, 2006 are outlined in the following table:

	Year Ended December 30, 2006
Dividend yield	None
Expected volatility	24.2%
Risk-free interest rate	4.80%
Expected life (in years)	5.1

A summary of the changes in stock options outstanding under Cadence's equity incentive plans during the year ended December 30, 2006 is presented below:

	Shares	Weighted Average Exercise Price (Dollars and shares in thousands)	Weighted Average Remaining Contractual Terms (Years)	Aggregate Intrinsic Value
Options outstanding as of December 31, 2005	63,946	\$ 15.26	6.2	\$ 197,215
Acquired options	306	\$ 1.93		
Granted	5,338	\$ 17.25		
Exercised	(9,462)	\$ 12.14		
Canceled and forfeited	(4,874)	\$ 20.18		
Options outstanding as of December 30, 2006	55,254	\$ 15.49	5.8	\$ 186,089
Options vested as of December 30, 2006	40,437	\$ 15.76	4.9	\$ 138,314
Options vested as of December 30, 2006 and options expected to vest after December 30, 2006	52,941	\$ 15.49	5.7	\$ 180,383

The total intrinsic value of options exercised during the year ended December 30, 2006 was \$55.9 million. Cash received from stock option exercises during the year ended December 30, 2006 was \$114.9 million.

**Restricted Stock**

Generally, restricted stock awards vest over four years and are subject to the employee's continuing service to Cadence. Cadence issues some of its restricted stock with performance-based vesting. The terms of these restricted stock grants are consistent with grants of restricted stock described above, with the exception that the shares vest not

upon the mere passage of time, but upon the attainment of certain predetermined performance goals. Each period, Cadence estimates the most likely outcome of such performance goals and recognizes the related stock-based compensation expense. The amount of stock-based compensation expense recognized in any one period can vary based on the attainment or estimated attainment of the various performance goals. If such performance goals are not met, no compensation expense is recognized and any previously recognized compensation expense is reversed. Cadence recorded stock-based compensation expense of \$13.1 million during 2006 related to these performance-based restricted stock grants. No expense was recorded in 2005 and 2004 for performance-based restricted stock grants.

**Table of Contents**

A summary of the changes in restricted stock outstanding under Cadence's equity incentive plans during the year ended December 30, 2006 is presented below:

	Shares	Weighted Average Grant Date Fair Value (Dollars and shares in thousands)	Weighted Average Remaining Contractual Terms (Years)	Aggregate Intrinsic Value
Non-vested shares as of December 31, 2005	6,439	\$ 15.40		\$ 108,947
Granted	3,398	\$ 17.44		
Vested	(2,409)	\$ 15.21		
Forfeited	(286)	\$ 15.74		
Non-vested shares as of December 30, 2006	7,142	\$ 16.42	2.7	\$ 127,921
Non-vested shares expected to vest after December 30, 2006	6,236	\$ 16.34	2.6	\$ 111,678

As of December 30, 2006, Cadence had \$81.4 million of total unrecognized compensation expense, net of estimated forfeitures, related to restricted stock grants, which amount will be recognized over the remaining weighted average vesting period of 2.9 years. The total fair value of restricted stock that vested during the year ended December 30, 2006 was \$36.7 million.

Cumulative effect of change in accounting principle, net of tax

During the year ended December 30, 2006, a non-cash benefit of approximately \$0.4 million for estimated forfeitures of restricted stock previously expensed was recorded as of the SFAS No. 123R implementation date as a one-time cumulative effect of change in accounting principle, net of tax. Pursuant to APB No. 25, stock-based compensation expense was not previously reduced for estimated future forfeitures, but instead was reversed upon actual forfeiture.

**Employee Stock Purchase Plan (ESPP)**

The weighted average estimated grant date fair value of purchase rights granted under the ESPP was \$4.32 for the year ended December 30, 2006. The weighted average assumptions used in the model for the year ended December 30, 2006 are outlined in the following table:

	Year Ended December 30, 2006
Dividend yield	None
Expected volatility	24.0%
Risk-free interest rate	4.89%

Expected life (in years)

1.1

80

---

**Table of Contents**

The following table presents the shares of common stock issued under Cadence's ESPP, cash received from the purchase of these shares and the weighted average purchase price per share during fiscal years 2006, 2005 and 2004:

	2006	2005	2004
	(In thousands, except per share amounts)		
Cadence shares purchased under the ESPP	3,640	3,913	3,988
Cash received for the purchase of shares under the ESPP	\$ 41,619	\$ 38,093	\$ 34,283
Weighted-average purchase price per share	\$ 11.43	\$ 9.73	\$ 8.59

**Reserved for Future Issuance**

As of December 30, 2006, Cadence had reserved the following shares of authorized but unissued common stock for future issuance:

	Shares (In thousands)
Employee equity incentive plans*	60,872
Shares reserved for 2023 convertible notes conversion	14,721
Warrants related to 2023 convertible notes	14,717
Warrants related to 2011 and 2013 convertible notes	23,640
Employee stock purchase plans	7,836
Directors stock option plans*	2,510
Total	124,296

\* Includes both shares reserved for (i) issuance upon exercise of future option grants and (ii) outstanding but unexercised options to purchase common stock.

**Stock-Based Compensation for Fiscal Years 2005 and 2004**

For fiscal years 2005 and 2004, Cadence followed the disclosure-only provisions of SFAS No. 123, Accounting for Stock-Based Compensation, as amended. The table below provides a pro forma illustration of the financial results of operations as if Cadence had accounted for its grants of employee stock options under the fair value method of SFAS No. 123:

	2005	2004
	(In thousands)	
Net income (loss)		
As reported	\$ 49,343	\$ 74,474
	33,321	23,805

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Add: Stock-based employee compensation expense included in reported net income, net of related tax effects		
Deduct: Stock-based employee compensation expense determined under fair-value method for all awards, net related tax effects	(85,719)	(97,878)
Pro forma net income (loss)	\$ (3,055)	\$ 401
Basic net income per share:		
As reported	\$ 0.18	\$ 0.27
Pro forma	\$ (0.01)	\$ 0.00
Diluted net income (loss) per share:		
As reported	\$ 0.16	\$ 0.25
Pro forma	\$ (0.01)	\$ 0.00

**Table of Contents**

Cadence determined the estimated fair values of its options granted and shares purchased under its ESPP for fiscal years 2005 and 2004 using the following weighted-average assumptions, assuming a dividend yield of zero for all periods:

	Stock Options	
	2005	2004
Risk-free interest rate, based on weighted average	4.11%	3.42%
Volatility factors of the expected market price of Cadence's common stock	27%	36%
Weighted average expected life of an option	4.8 Years	5.0 Years

  

	Employee Stock Purchase Plan	
	2005	2004
Risk-free interest rate, based on weighted average	3.29%	1.38%
Volatility factors of the expected market price of Cadence's common stock	26%	38%
Weighted average expected life of ESPP shares	1.3 Years	1.3 Years

For fixed awards, as defined by APB No. 25, Cadence amortized deferred stock-based compensation to expense using the straight-line method over the period that the stock options and restricted stock vest, which is generally three to four years. For variable awards, as defined by APB No. 25, stock-based compensation expense was recognized on an accelerated basis in accordance with FASB Interpretation, or FIN, No. 28, Accounting for Stock Appreciation Rights and Other Variable Stock Option or Award Plans.

**Stock Options**

A summary of the options granted under Cadence's equity incentive plans as of and during the years ended December 31, 2005 and January 1, 2005 is as follows:

	2005		2004	
	Shares	Weighted Average Exercise Price (Shares in thousands)	Shares	Weighted Average Exercise Price
Outstanding at beginning of year	68,923	\$ 14.84	68,349	\$ 14.87
Acquired Options	4,557	\$ 13.26	116	\$ 2.91
Granted	7,563	\$ 15.13	10,549	\$ 13.10
Exercised	(10,329)	\$ 10.43	(4,636)	\$ 9.24
Cancelled and forfeited	(6,768)	\$ 16.84	(5,455)	\$ 16.48
Outstanding at end of year	63,946	\$ 15.26	68,923	\$ 14.84
Options exercisable at year end	44,634		44,968	

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Options available for future grant	22,900	29,878
Weighted average fair value of options granted during the year	\$ 4.38	\$ 4.56

Cadence recorded stock-based compensation expense resulting from its completed acquisitions. Deferred stock compensation resulting from these acquisitions represented the intrinsic value of the stock option grants to employees of the acquired companies multiplied by the percentage of the remaining vesting period divided by the total vesting period. Cadence considered certain stock awards to employees of certain acquired companies to be variable awards. Accordingly, compensation cost was adjusted each period for increases or decreases in the intrinsic value of the shares until the final measurement date.

**Table of Contents**

During 2005 and 2004, Cadence issued 3,798,161 and 3,470,938 shares, respectively, of restricted stock to certain employees. The restrictions lapse over a period of three to four years. The fair value of the restricted stock awards granted was \$62.0 million in 2005 and \$45.6 million in 2004. The fair value of the restricted stock awards was recorded as a component of deferred stock compensation and was amortized to stock-based compensation expense as the restrictions lapse.

Cadence's SPC Plan provided for the issuance of restricted shares of Cadence common stock to former employees of Silicon Perspective Corporation, or SPC, who became Cadence employees, upon the satisfaction of certain performance-based criteria in connection with Cadence's acquisition of SPC. Restricted shares were first issued under the SPC Plan in February 2003 and 54% of such issued shares vested immediately. The remaining 46% vested in 11 equal monthly installments beginning in February 2003 and became fully vested on December 31, 2003. The second issue date was in April 2004, and these shares were fully vested when issued. An aggregate of approximately 1.6 million shares were issued and recognized as stock-based compensation expense under the SPC Plan.

Deferred stock compensation included in the accompanying Statements of Stockholders' Equity consists of the following for fiscal years 2005 and 2004:

	2005	2004
	(In thousands)	
Restricted stock grants	\$ 61,961	\$ 45,605
Restricted stock and acquired options from acquisitions	6,796	3,603
Forfeitures	(5,964)	(4,861)
Deferred stock compensation, net of forfeitures	\$ 62,793	\$ 44,347

**Table of Contents****NOTE 5. BALANCE SHEET COMPONENTS**

A summary of balance sheet components as of December 30, 2006 and December 31, 2005 is as follows:

	2006	2005
	(In thousands)	
Receivables, net:		
Accounts receivable	\$ 111,029	\$ 200,843
Installment contract receivables current	131,213	92,209
Total receivables	242,242	293,052
Less: Allowance for doubtful accounts	(2,067)	(6,896)
Less: Allowance for sales returns	(1,737)	(4,083)
Receivables, net	\$ 238,438	\$ 282,073
Inventories:		
Raw materials	\$ 20,767	\$ 13,681
Finished goods	8,454	8,928
Rental	7,958	6,293
Inventories	\$ 37,179	\$ 28,902
Prepaid Expenses and Other:		
Prepaid expenses and other	\$ 32,782	\$ 33,777
Deferred income taxes	45,175	36,959
Prepaid expenses and other	\$ 77,957	\$ 70,736
Property, Plant and Equipment:		
Computer equipment and related software	\$ 574,089	\$ 532,033
Buildings	89,435	88,935
Land	74,139	74,028
Leasehold and building improvements	96,917	83,412
Furniture and fixtures	55,479	53,646
Equipment	58,293	54,258
Assets not ready to be placed in service	21,991	20,226
Total cost	970,343	906,538
Less: Accumulated depreciation and amortization	(615,768)	(549,593)
Property, plant and equipment, net	\$ 354,575	\$ 356,945
Other Assets:		
Deferred income taxes	\$ 118,459	\$ 126,969
Prepaid tax on inter-company royalties	15,539	43,186
Non-marketable securities	31,360	37,897

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Non-qualified deferred compensation assets	46,808	47,672
Purchased software technology, net	10,913	7,937
Other long-term assets	23,262	14,883
Other assets	\$ 246,341	\$ 278,544

**Table of Contents**

	2006	2005
	(In thousands)	
Accounts Payable and Accrued Liabilities:		
Payroll and payroll-related accruals	\$ 149,817	\$ 141,742
Accounts payable	21,968	23,393
Income taxes payable - current	26,153	48,908
Other accrued liabilities	61,852	86,543
Accounts payable and accrued liabilities	\$ 259,790	\$ 300,586
Other Long-term Liabilities:		
Income taxes payable - long-term	\$ 256,080	\$ 225,909
Long-term acquisition-related holdbacks and payments	3,204	33,796
Non-qualified deferred compensation liability	48,091	48,690
Other long-term liabilities	62,688	42,498
Other long-term liabilities	\$ 370,063	\$ 350,893

**NOTE 6. CONVERTIBLE NOTES****1.375% Convertible Senior Notes Due 2011 and 1.500% Convertible Senior Notes Due 2013**

In December 2006, Cadence issued \$250.0 million principal amount of 1.375% Convertible Senior Notes Due 2011, or the 2011 Notes, and \$250.0 million of 1.500% Convertible Senior Notes Due 2013, or the 2013 Notes, and collectively, the Convertible Senior Notes, to three initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. Cadence received net proceeds of approximately \$487.0 million after transaction fees of approximately \$13.0 million, including \$12.0 million of underwriting discounts, that were recorded in Other long-term assets on the Consolidated Balance Sheet as of December 30, 2006 and are being amortized to interest expense over the term of the Convertible Senior Notes. A portion of the net proceeds totaling \$228.5 million was used to purchase \$189.6 million principal amount of Cadence's Zero Coupon Zero Yield Senior Convertible Notes due 2023, or the 2023 Notes.

Holders may convert their Convertible Senior Notes prior to maturity upon the occurrence of one of the following events:

- The price of Cadence's common stock reaches \$27.50 during certain periods of time specified in the Convertible Senior Notes;
- Specified corporate transactions occur; or
- The trading price of the Convertible Senior Notes falls below a certain threshold.

On and after November 2, 2011, in the case of the 2011 Notes, and November 1, 2013, in the case of 2013 Notes, until the close of business on the scheduled trading day immediately preceding the maturity date, holders may convert their Convertible Senior Notes at any time, regardless of the foregoing circumstances. Cadence may not redeem the Convertible Senior Notes prior to maturity.

The initial conversion rate for the Convertible Senior Notes is 47.2813 shares of Cadence common stock per \$1,000 principal amount of Convertible Senior Notes, equivalent to a conversion price of approximately \$21.15 per share of Cadence common stock. Upon conversion, a holder will receive the sum of the daily settlement amounts calculated on a proportionate basis for each day during a specified observation period following the conversion date. The daily settlement amount during each date of the observation period consists of:

Cash up to the principal amount of the note; and  
Cadence's common stock to the extent that the conversion value exceeds the amount of cash paid upon conversion of the Convertible Senior Notes.

**Table of Contents**

In addition, if a fundamental change occurs prior to maturity, Cadence will, in certain cases, increase the conversion rate by an additional amount up to \$8.27 per share, for a holder that elects to convert its Convertible Senior Notes in connection with such fundamental change, which amount will be paid entirely in cash. A fundamental change is any transaction or event (whether by means of an exchange offer, liquidation, tender offer, consolidation, merger, combination, reclassification, recapitalization or otherwise) in connection with which more than 50% of Cadence's common stock is exchanged for, converted into, acquired for or constitutes solely the right to receive, consideration which is not at least 90% shares of common stock, or depositary receipts representing such shares, that are:

Listed on, or immediately after the transaction or event will be listed on, a United States national securities exchange; or

Approved, or immediately after the transaction or event will be approved, for quotation on a United States system of automated dissemination of quotations of securities prices similar to the NASDAQ National Market prior to its designation as a national securities exchange.

As of December 30, 2006, none of the conditions allowing the holders of the Convertible Senior Notes to convert had been met.

Cadence evaluated the embedded conversion option in accordance with SFAS No. 133, *Accounting for Derivative Instruments and Hedging Activities* and concluded that the embedded conversion option contained within the Convertible Senior Notes should not be accounted for separately because the conversion option is indexed to Cadence's common stock and is classified as stockholders' equity. Furthermore, Cadence evaluated the terms of the Notes for a beneficial conversion feature in accordance with EITF No. 98-5, *Accounting for Convertible Securities with Beneficial Conversion Features or Contingently Adjustable Conversion Ratios* and EITF No. 00-27, *Application of Issue 98-5 to Certain Convertible Instruments* and concluded there was no beneficial conversion feature at the commitment date based on the conversion rate of the Convertible Senior Notes relative to the commitment date stock price.

Interest on the Convertible Senior Notes began accruing in December 2006 and is payable semi-annually each December 15th and June 15th.

Concurrently with the issuance of the Convertible Senior Notes, Cadence entered into hedge transactions with various parties whereby Cadence has the option to purchase up to 23.6 million shares of Cadence's common stock at a price of \$21.15 per share, subject to adjustment. These options expire on December 15, 2011, in the case of the 2011 Notes, and December 15, 2013, in the case of the 2013 Notes, and must be settled in net shares. The aggregate cost of these hedge transactions was \$119.8 million and has been recorded as a reduction to stockholders' equity in accordance with EITF No. 00-19, *Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a Company's Own Stock*. The estimated fair value of the hedges acquired in connection with the issuance of the Convertible Senior Notes was \$118.3 million as of December 30, 2006. Subsequent changes in the fair value of these hedges will not be recognized as long as the instruments remain classified as equity.

In separate transactions, Cadence also sold warrants to various parties for the purchase of up to 23.6 million shares of Cadence's common stock at a price of \$31.50 per share in a private placement pursuant to Section 4(2) of the Securities Act. The warrants expire on various dates from February 2012 through April 2012 in the case of the 2011 Notes, and February 2014 through April 2014 in the case of the 2013 Notes, and must be settled in net shares. Cadence received \$39.4 million in cash proceeds from the sale of these warrants, which has been recorded as a reduction to stockholders' equity in accordance with EITF No. 00-19. The estimated fair value of the warrants sold in connection with the issuance of the Convertible Senior Notes was \$42.6 million as of December 30, 2006. Subsequent changes in the fair value of these warrants will not be recognized as long as the instruments remain classified as

equity. The warrants will be included in diluted earnings per share, or EPS, to the extent the impact is not considered anti-dilutive.

SFAS No. 128, Earnings per Share and EITF No. 04-08, Accounting Issues Related to Certain Features of Contingently Convertible Debt and the Effect on Diluted Earnings per Share, requires Cadence to include in diluted earnings per share the shares of Cadence's common stock into which the Convertible Senior Notes will be converted. However, since the Convertible Senior Notes meet the qualification of an Instrument C under

## **Table of Contents**

EITF No. 90-19, Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a Company's Own Stock, and because cash will be paid for the principal amount of the obligation upon conversion, the only shares that will be considered for inclusion in diluted EPS are those relating to the excess of the conversion premium over the principal amount in accordance with SFAS No. 128 and EITF Topic D-72, Effect of Contracts That May Be Settled in Stock or Cash on the Computation of Diluted Earnings per Share. As of December 30, 2006, no shares are included in diluted EPS for the Convertible Senior Notes.

In the event Cadence's common stock exceeds \$21.15 per share, for the first \$1.00 the price exceeds \$21.15, there would be dilution of approximately 1.1 million shares, but the impact on the calculation of EPS will vary depending on when during the quarter the \$21.15 per share price is reached. As the share price continues to increase, dilution would continue to occur but at a declining rate.

### **Zero Coupon Zero Yield Senior Convertible Notes due 2023**

In August 2003, Cadence issued \$420.0 million principal amount of its 2023 Notes to two initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. Cadence received net proceeds of \$406.4 million after transaction fees of \$13.6 million that were recorded in Other long-term assets and are being amortized to interest expense using the straight-line method over five years, which is the duration of the first redemption period. The 2023 Notes were issued by Cadence at par and bear no interest. The 2023 Notes are convertible into Cadence common stock initially at a conversion price of \$15.65 per share, which would result in an aggregate of 26.8 million shares issued upon conversion, subject to adjustment upon the occurrence of specified events. In connection with the issuance of the Convertible Senior Notes in December 2006, Cadence repurchased \$189.6 million principal amount of the 2023 Notes, reducing the aggregate number of shares to be issued upon conversion to 14.7 million.

Cadence may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount. The holders of the 2023 Notes may require Cadence to repurchase for cash all or any portion of their 2023 Notes on August 15, 2008 for 100.25% of the principal amount, on August 15, 2013 for 100.00% of the principal amount or on August 15, 2018 for 100.00% of the principal amount, by providing to the paying agent a written repurchase notice. The repurchase notice must be delivered during the period commencing 30 business days prior to the relevant repurchase date and ending on the close of business on the business day prior to the relevant repurchase date. In addition, Cadence may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount, except for those 2023 Notes that holders have required Cadence to repurchase on August 15, 2008 or on other repurchase dates, as described above.

Each \$1,000 of principal of the 2023 Notes will initially be convertible into 63.8790 shares of Cadence common stock, subject to adjustment upon the occurrence of specified events. Holders of the 2023 Notes may convert their 2023 Notes prior to maturity only if:

- The price of Cadence common stock reaches \$22.69 during certain periods of time specified in the 2023 Notes;
- Specified corporate transactions occur;
- The 2023 Notes have been called for redemption; or
- The trading price of the 2023 Notes falls below a certain threshold.

As the fourth conversion feature is linked to the trading price of the 2023 Notes, which are traded in an observable market that differs from the one in which Cadence's common stock is traded, the conversion feature meets the definition of a derivative that must be accounted for separately at fair value. The fair value of this conversion feature was not material at inception of the 2023 Notes or as of December 30, 2006. As of December 30, 2006, none of the

conditions allowing holders of the 2023 Notes to convert had been met.

In the event of a fundamental change in Cadence's corporate ownership or structure, the holders may require Cadence to repurchase all or any portion of their 2023 Notes for 100.00% of the principal amount. Upon a fundamental change in Cadence's corporate ownership or structure, in certain circumstances Cadence may choose to pay the repurchase price in cash, shares of Cadence common stock or a combination of cash and shares of

**Table of Contents**

Cadence common stock. As of December 30, 2006, none of the conditions allowing the holders of the 2023 Notes to convert had been met.

In connection with the issuance of the Convertible Senior Notes in December 2006, a portion of the proceeds were used to purchase in the open market 2023 Notes with a principal balance of \$189.6 million for a total purchase price of \$228.5 million. In connection with this purchase, Cadence incurred expenses of \$40.8 million for the early extinguishment of debt. The loss on early extinguishment of debt included the call premium on the purchased 2023 Notes and the write-off of a portion of the unamortized deferred debt issuance costs.

Concurrently with the issuance of the 2023 Notes, Cadence entered into hedge transactions with a financial institution whereby Cadence originally acquired options to purchase up to 26.8 million shares of Cadence common stock at a price of \$15.65 per share. These options expire on August 15, 2008 and must be settled in net shares. The cost of the hedge transactions to Cadence was \$134.6 million. In connection with the purchase of a portion of the 2023 Notes in December 2006, Cadence also sold 12.1 million of the hedges that were originally purchased in connection with the 2023 Notes and received proceeds of \$55.9 million.

In addition, Cadence sold warrants for its common stock to a financial institution for the purchase of up to 26.8 million shares of Cadence common stock at a price of \$23.08 per share. The warrants expire on various dates from February 2008 through May 2008 and must be settled in net shares. Cadence received \$56.4 million in cash proceeds from the sale of these warrants. In connection with the purchase of a portion of the 2023 Notes in December 2006, Cadence also purchased 12.1 million of the warrants for its common stock that were originally issued in connection with the 2023 Notes at a cost of \$10.2 million. The remaining outstanding warrants will be included in diluted EPS to the extent the impact is not considered anti-dilutive.

The costs incurred in connection with the hedge transaction and the proceeds from the sale of the warrants are included as a net reduction in Common stock and capital in excess of par in the accompanying Consolidated Balance Sheets as of December 30, 2006 and December 31, 2005, in accordance with the guidance in EITF No. 00-19. Additionally, the cost to purchase a portion of the warrants and the proceeds received from selling a portion of the notes hedges in December 2006 have also been recorded to stockholders equity. As of December 30, 2006, the estimated fair value of the remaining hedges acquired in connection with the issuance of the 2023 Notes was \$68.3 million and the estimated fair value of the remaining warrants sold in connection with the issuance of the 2023 Notes was \$12.0 million. Subsequent changes in the fair value of these hedge and warrant transactions will not be recognized as long as the instruments remain classified as equity.

For the year ended December 30, 2006, a weighted average of 26.4 million common shares were included in diluted EPS for the 2023 Notes. There will be no other impact on basic or dilutive EPS for the 2023 Notes unless the price of Cadence's common stock exceeds the warrant strike price of \$23.08 per share. Up to \$23.08 per share, in connection with any conversion, the operation of the hedge transactions and sale of the warrants would effectively result in no impact on basic or dilutive EPS. In the event Cadence's common stock exceeds \$23.08 per share, for the first \$1.00 the price exceeds \$23.08, there would be dilution of approximately 0.6 million shares, but the impact on the calculation of EPS will vary depending on when during the quarter the \$23.08 per share price is reached. As the share price continues to increase, dilution would continue to occur but at a declining rate. If these transactions settle in Cadence's favor, Cadence could be exposed to credit risk related to the other party to the transactions.

**NOTE 7. TERM LOAN**

On December 19, 2005, Castlewilder, a company incorporated in Ireland and a wholly-owned subsidiary of Cadence, entered into a syndicated term facility agreement, or Credit Agreement, with Banc of America Securities LLC as lead arranger, and Bank of America, N.A. as Administrative Agent. The Credit Agreement provides for a three-year

\$160.0 million unsecured term loan. With the consent of all of the lenders, Castlewilder may, at the end of the second year of the loan, extend the maturity date to December 31, 2009.

During the year ended December 30, 2006, Castlewilder made scheduled principal payments of \$32.0 million, plus additional prepayments of \$100.0 million, reducing the amount of principal due in 2007 and 2008. As of December 30, 2006, scheduled principal payments on the Term Loan due during 2007 were \$28.0 million.

**Table of Contents**

During the term of the Credit Agreement, Castlewilder has the option to choose between two interest rates:

A base rate equal to the higher of the Federal Funds Rate plus a spread of 0.50% or the prime rate publicly announced by Bank of America, N.A.; or

A LIBOR-based rate equal to LIBOR plus a spread of 0.625%.

The loan initially was a base rate loan that converted on December 22, 2005 into a LIBOR-based rate loan, which accrued interest monthly at a rate of 5.85% as of December 30, 2006. Cadence can change its interest rate election each Interest Period, as defined in the loan agreement. The margin with respect to the loan (if the loan is a LIBOR loan) may be increased or decreased depending upon Cadence's consolidated leverage ratio.

Castlewilder is obligated to repay the outstanding principal amount of the loan in quarterly installments in amounts equal to \$8.0 million per quarter during 2006, \$12.0 million per quarter during 2007 and \$20.0 million per quarter during 2008 (with the quarterly repayment amount to be adjusted to \$10.0 million per quarter during 2008 and 2009 if the maturity date of the loan is extended). Castlewilder is also obligated to pay accrued interest on the last day of each month or other interest period that Castlewilder may select under the terms of the Credit Agreement. If the loan is converted into a base rate loan, Castlewilder is obligated to pay accrued interest on the last day of each quarter.

Castlewilder's obligations under the Credit Agreement are unconditionally guaranteed by Cadence and Cadence Technology Limited, or CTL, a company incorporated in Ireland and a wholly-owned subsidiary of Castlewilder, pursuant to guaranties entered into by Cadence and CTL in favor of the lenders on December 19, 2005.

In the event of the following, the Administrative Agent may declare that all or part of the loan, together with accrued interest and all other amounts accrued and outstanding under the financing documents, to be immediately due and payable:

Non-payment of any amounts due under the financing documents;

Non-compliance with any other provisions of the financing documents;

Any representation or statement made in the financing documents proving to have been incorrect or misleading at the time it was made;

Certain insolvency events, insolvency proceedings or creditor's process with respect to Castlewilder and CTL;

Castlewilder or CTL ceasing to be either direct or indirect wholly-owned subsidiaries of Cadence;

It becoming unlawful for Castlewilder, CTL or Cadence to perform any material obligation under the financing documents; or

Any default under the Cadence Guaranty.

The Credit Agreement and the CTL Guaranty contain certain customary representations and warranties, affirmative and negative covenants and indemnification obligations of Castlewilder and CTL. The Credit Agreement also provides for certain tax gross-up payment obligations of Castlewilder. The Cadence Guaranty also contains representations and warranties, affirmative covenants, negative covenants relating to, among other matters, incurrence of liens and indebtedness, the making of investments and asset dispositions, as well as a requirement to maintain a minimum consolidated interest coverage ratio and consolidated leverage ratio. A breach by Castlewilder, Cadence or CTL of any of these representations, warranties or covenants could cause an event of default under the applicable financing document and allow the Administrative Agent to declare that all or part of the loan, together with accrued interest and all other amounts accrued and outstanding under the financing documents, to be immediately due and payable. The Cadence Guaranty also contains indemnification obligations on the part of Cadence. As of December 30, 2006, Cadence was in compliance with all of its covenants.



**Table of Contents****NOTE 8. INCOME TAXES**

The provision for income taxes consisted of the following components in fiscal 2006, 2005 and 2004:

	2006	2005 (In thousands)	2004
Current:			
Federal	\$ 31,533	\$ 66,179	\$ 21,057
State	2,806	11,859	5,251
Foreign	35,830	24,070	1,350
Total current	70,169	102,108	27,658
Deferred:			
Federal	29,447	(15,439)	(7,139)
State	4,769	(8,988)	(6,162)
Foreign	(4,681)	1,459	(2,394)
Total deferred	29,535	(22,968)	(15,695)
Total provision for income taxes	\$ 99,704	\$ 79,140	\$ 11,963

Income before provision for income taxes included income from Cadence's foreign subsidiaries of approximately \$95.2 million in 2006, \$87.1 million in 2005 and \$93.6 million in 2004.

The provision for income taxes differs from the amount estimated by applying the statutory federal income tax rate of 35% to income before provision for income taxes in fiscal 2006, 2005 and 2004 as follows:

	2006	2005 (In thousands)	2004
Provision computed at federal statutory rate	\$ 84,657	\$ 44,969	\$ 30,253
State income tax, net of federal tax effect	5,031	702	91
Taxes on AJCA repatriation	---	30,082	---
Foreign income taxed at a higher (lower) rate	3,719	63	(28,172)
Stock-based compensation	1,388	3,420	3,301
Non-deductible meals and entertainment	877	787	760
Write-off of in-process technology	315	420	3,150
Basis difference in acquisitions	7,438	5,775	4,200
Sale of foreign subsidiary	---	---	139
Amortization of acquired intangibles	(1,529)	(1,508)	(1,066)
Change in valuation allowance	783	(2,698)	570
Research and development tax credit	(3,289)	(2,328)	(2,265)
Other	314	(544)	1,002

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Provision for income taxes	\$	99,704	\$	79,140	\$	11,963
Effective tax rate		41%		62%		14%

Cadence includes interest expense associated with income tax liabilities within the Provision for income taxes in its Consolidated Income Statements.

**Table of Contents**

The components of deferred tax assets and liabilities consisted of the following as of December 30, 2006 and December 31, 2005:

	2006		2005
	(In thousands)		
Deferred Tax Assets:			
Intangibles	\$ 45,506		\$ 49,921
Accruals and reserves	31,747		26,334
Tax credit carryforwards	25,974		25,067
Depreciation and amortization	19,803		21,185
Investments	17,916		18,912
Compensation expense	12,609		14,984
Revenue recognition and allowance for doubtful accounts	2,169		13,694
Stock compensation	22,747		13,022
Net operating loss carryforwards	7,426		10,392
Accrued restructuring	8,674		9,506
Capital loss carryforwards	----		2,757
Other	----		3,396
Total deferred tax assets	194,571		209,170
Valuation allowance	(5,909)		(5,125)
Net deferred tax assets	188,662		204,045
Deferred Tax Liabilities:			
Intangibles	(29,865)		(43,501)
Unrealized gains on investments	(2,102)		(6,453)
Other	(6,615)		(5,776)
Total deferred tax liabilities	(38,582)		(55,730)
Total net deferred tax assets	\$ 150,080		\$ 148,315

As of December 30, 2006, Cadence had total net deferred tax assets of approximately \$150.1 million. Realization of the deferred tax assets will depend on generating sufficient taxable income of the appropriate character and in the appropriate jurisdictions prior to the expiration of certain net operating loss, capital loss and tax credit carryforwards. Although realization is not assured, management believes that it is more likely than not that the net deferred tax assets will be realized.

The valuation allowance increased by \$0.8 million during 2006 based on estimation of realization of deferred tax assets in future years. As of December 30, 2006, the valuation allowance was \$5.9 million and is related to certain state net operating losses and tax credits, the utilization of which is not likely based on available evidence, including Cadence's estimation of future taxable income in these states.

During the fourth quarter of 2005, Cadence completed its evaluation of the repatriation provisions of the American Jobs Creation Act, or AJCA, which created a temporary one year incentive for United States corporations to repatriate accumulated earnings of foreign subsidiaries by providing an 85% dividends received deduction for certain qualifying dividends. Cadence made the determination to repatriate \$500.0 million of certain foreign earnings which were previously considered to be indefinitely reinvested outside of the United States. Cadence has been and will continue to invest these earnings in the United States pursuant to the AJCA guidelines. Cadence completed the repatriation and recorded an income tax expense of \$30.1 million associated with the repatriation during the fourth quarter of 2005.

Cadence provides for United States income taxes on the earnings of foreign subsidiaries unless the earnings are considered permanently invested outside of the United States. As of December 30, 2006, the cumulative amount of

**Table of Contents**

earnings upon which United States income taxes have not been provided was approximately \$274.0 million. As of December 30, 2006, the unrecognized deferred tax liability for these earnings was approximately \$84.0 million. Cadence intends to indefinitely reinvest its foreign earnings outside of the United States.

As of December 30, 2006, Cadence had federal and California net operating loss carryforwards of approximately \$13.6 million and \$2.0 million, respectively, available to reduce future taxable income. The federal net operating loss carryforwards will expire at various dates from 2008 through 2025. The California net operating loss carryforwards will expire at various dates from 2012 through 2015. Cadence also has tax effected net operating losses from states other than California of \$2.6 million, net of federal tax benefit, which will expire at various dates from 2007 through 2025.

As of December 30, 2006, Cadence had federal tax credits of \$12.9 million, California credits of \$8.1 million, net of federal tax benefit, credits from states other than California of \$4.8 million, net of federal tax benefit and \$0.2 million of tax credits in foreign jurisdictions. Of these tax credits, \$9.6 million do not expire and carry forward indefinitely until utilized and the remaining \$16.4 million of tax credits will expire at various dates from 2007 through 2024.

The IRS and other tax authorities regularly examine Cadence's income tax returns. In November 2003, the IRS completed its field examination of Cadence's federal income tax returns for the tax years 1997 through 1999 and issued a Revenue Agent's Report, or RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$143.0 million. The most significant of the disputed adjustments for the tax years 1997 through 1999 relates to transfer pricing arrangements that Cadence has with a foreign subsidiary. Cadence has filed a protest to certain of the proposed adjustments with the Appeals Office of the IRS where the matter is currently being considered.

In July 2006, the IRS completed its field examination of Cadence's federal income tax returns for the tax years 2000 through 2002 and issued an RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$324.0 million. In November 2006, the IRS revised the proposed aggregate tax deficiency for the three-year period to be approximately \$318.0 million. The IRS is contesting Cadence's qualification for deferred recognition of certain proceeds received from restitution and settlement in connection with litigation during the period. The proposed tax deficiency for this item is approximately \$152.0 million. The remaining proposed tax deficiency of approximately \$166.0 million is primarily related to proposed adjustments to Cadence's transfer pricing arrangements that it has with foreign subsidiaries and to Cadence's deductions for foreign trade income. The IRS took similar positions with respect to Cadence's transfer pricing arrangements in the prior examination period and may make similar claims against Cadence's transfer pricing arrangements in future examinations. Cadence has filed a timely protest with the IRS and will seek resolution of the issues through the Appeals Office of the IRS.

Cadence believes that the proposed IRS adjustments are inconsistent with applicable tax laws and Cadence is challenging these proposed adjustments vigorously. The RARs are not final Statutory Notices of Deficiency but the IRS imposes interest on the proposed deficiencies until the matters are resolved. Interest is compounded daily at rates published by the IRS, which rates are adjusted quarterly and have been between four and ten percent since 1997.

Significant judgment is required in determining Cadence's provision for income taxes. The calculation of Cadence's tax liabilities involves dealing with uncertainties in the application of complex tax regulations. In determining the adequacy of Cadence's provision for income taxes, Cadence regularly assesses the likelihood of adverse outcomes resulting from tax examinations including the RARs for the tax years 1997 through 2002. Cadence provides for tax liabilities on its Consolidated Balance Sheets unless Cadence considers it probable that additional taxes will not be due. However, the ultimate outcome of tax examinations, including the total amount payable or the timing of any such payments upon resolution of these issues, cannot be predicted with certainty. In addition, Cadence cannot assure that such amount will not be materially different than that which is reflected in its historical income tax provisions and

accruals. Should the IRS or other tax authorities assess additional taxes as a result of a current or a future examination, Cadence may be required to record charges to operations in future periods that could have a material impact on the results of operations, financial position or cash flows in the applicable period or periods.

**Table of Contents****NOTE 9. ACQUISITIONS**

For each of the acquisitions described below, the results of operations and the estimated fair value of the assets acquired and liabilities assumed have been included in Cadence's Consolidated Financial Statements from the date of the acquisition.

Comparative pro forma financial information for all 2006, 2005 and 2004 acquisitions have not been presented because the results of operations were not material to Cadence's Consolidated Financial Statements.

**2006 Acquisition**

In March 2006, Cadence acquired a company for an aggregate initial purchase price of \$25.8 million, which included the payment of cash, the fair value of assumed options and acquisition costs. The preliminary allocation of the purchase price was recorded as \$17.4 million of goodwill, \$9.4 million of identifiable intangible assets and \$(1.0) million of net liabilities. The \$17.4 million of goodwill recorded in connection with this acquisition is not expected to be deductible for income tax purposes. Any subsequent adjustments to the purchase price of this acquired company are included in the "Other" line of the changes of goodwill table in Note 10 below.

**2005 Acquisition****Verisity Ltd.**

In April 2005, Cadence acquired Verisity Ltd., or Verisity, an Israeli corporation. Verisity was a publicly-held provider of verification process automation solutions. Cadence purchased Verisity to acquire key personnel and technology. The aggregate initial purchase price was \$325.4 million, which included the payment of \$304.6 million of cash, \$10.6 million of assumed options at fair value, \$6.9 million of acquisition costs and \$3.3 million of contract termination costs.

The following table summarizes the preliminary allocation of the purchase price for Verisity and the estimated amortization period for the acquired intangibles:

	(In thousands)
Current assets	\$ 92,574
Property, plant and equipment	2,509
Other assets	12,083
Acquired intangibles:	
Existing technology and backlog (one to five-year weighted-average useful lives)	34,000
Agreements and relationships (three to five-year weighted-average useful lives)	21,300
Tradenames / trademarks / patents (seven-year weighted-average useful life)	4,000
In-process technology	9,400
Goodwill	221,665
Total assets acquired	397,531
Current liabilities	36,651

Long-term liabilities		35,451
Total liabilities assumed		72,102
Net assets acquired	\$	325,429

Any subsequent adjustments to the purchase price of this acquired company are included in the Other line of the changes of goodwill table in Note 10 below. The \$9.4 million of purchase price allocated to acquired in-process technology was determined through established valuation techniques. The acquired in-process technology was immediately expensed because technological feasibility had not been established, and no future alternative use exists. The write-off of acquired in-process technology is a component of operating expenses in the 2005 Consolidated Income Statement.

For tax purposes, approximately \$160.0 million of the goodwill is expected to be deductible.

**Table of Contents****2004 Acquisitions****Neoliner, Inc.**

In April 2004, Cadence acquired Neoliner, Inc., or Neoliner, a privately-held developer of rapid analog design technology. Cadence purchased Neoliner to acquire key personnel and technology. As discussed in Note 12, prior to the acquisition Cadence held an investment in Neoliner of \$3.0 million, representing 12% ownership, which was accounted for under the equity method of accounting. In accordance with SFAS No. 141, Business Combinations, Cadence accounted for the acquisition of Neoliner as a step acquisition. The aggregate initial purchase price was \$78.1 million, which included the payment of cash, the fair value of assumed options and acquisition costs. The purchase price and goodwill will increase if certain revenue and product development performance goals are achieved over a period of approximately four years following the acquisition.

The following table summarizes the preliminary allocation of the purchase price for Neoliner and the estimated amortization period for the acquired intangibles:

	(In thousands)
Current assets	\$ 13,383
Property, plant and equipment	288
Other assets	46
Acquired intangibles:	
Existing technology (five-year weighted-average useful life)	19,600
Backlog (three-year weighted-average useful life)	1,700
Patents (five-year weighted-average useful life)	4,700
In-process research and development	7,000
Non-compete agreements (three-year weighted-average useful life)	1,200
Trademarks (five-year weighted-average useful life)	1,400
Goodwill	38,319
<b>Total assets acquired</b>	<b>87,636</b>
Current liabilities	1,762
Long-term liabilities	7,783
<b>Total liabilities assumed</b>	<b>9,545</b>
<b>Net assets acquired</b>	<b>\$ 78,091</b>

Any subsequent adjustments to the purchase price of this acquired company are included in the Other line of the changes of goodwill table in Note 10 below. The \$38.3 million of goodwill is not expected to be deductible for income tax purposes.

**Other 2004 Acquisition**

During the year ended January 1, 2005, Cadence acquired one other company for an aggregate initial purchase price of \$9.2 million, which included the payment of cash, the fair value of assumed options and acquisition costs. The

\$5.9 million of goodwill recorded in connection with this acquisition is not expected to be deductible for income tax purposes.

**Acquisition-Related Earnouts**

For many of Cadence's previously completed acquisitions, payment of a portion of the purchase price is contingent upon the acquired business' achievement of certain revenue and product development performance goals. The portion of the contingent purchase price, or earnout, associated with employee retention is recorded as compensation expense. The specific performance goal levels, and amounts and timing of earnout payments, vary with each acquisition.

**Table of Contents**

During the year ended December 30, 2006, Cadence recorded \$18.6 million of goodwill for achieved earnouts payable to former stockholders of acquired companies. The \$18.6 million of goodwill consisted of \$18.5 million in cash payments and \$0.1 million in accrued liabilities on the Consolidated Balance Sheet as of December 30, 2006. In addition, Cadence recorded \$1.4 million in compensation expense related to these earnouts during the year ended December 30, 2006.

During the year ended December 31, 2005, Cadence recorded \$27.5 million of goodwill for earnouts payable to former stockholders of acquired companies as a result of the achievement of certain performance goals. The \$27.5 million of earnouts consisted of \$23.5 million of cash payments made prior to December 31, 2005, the issuance of 0.1 million shares of Cadence's common stock valued at \$1.3 million and \$2.7 million accrued in Accounts payable and accrued liabilities on the Consolidated Balance Sheet as of December 31, 2005.

In the year ended January 1, 2005, Cadence recorded \$40.6 million of goodwill as contingent purchase price payable to former stockholders of acquired companies as a result of the achievement of certain performance goals. The \$40.6 million of goodwill consisted of \$17.0 million of actual cash payments, \$7.2 million of accrued cash payments and the issuance of 1.1 million shares of Cadence's common stock valued at \$16.4 million. In addition, Cadence recognized stock compensation expense of \$1.2 million in connection with these acquisitions in accordance with Financial Accounting Standards Board Interpretation No. 44, Accounting for Certain Transactions Involving Stock Compensation (an Interpretation of APB No. 25).

In connection with Cadence's acquisitions completed prior to December 30, 2006, Cadence may be obligated to pay up to an aggregate of \$4.8 million in cash during the next 12 months and an additional \$2.0 million in cash in periods after the next 12 months through August 2008 if certain revenue and product development performance goals are achieved.

**Write-off of Acquired In-Process Research and Development**

Acquired in-process research and development charges represent in-process research and development that had not reached technological feasibility at the time of acquisition and had no probable alternative future use.

For acquisitions completed during 2006, 2005 and 2004, the purchase price allocated to acquired in-process research and development was determined through established valuation techniques. The acquired in-process research and development was immediately expensed because technological feasibility had not been established, and no future alternative use existed. The write-off of acquired in-process research and development is a component of operating expenses in the Consolidated Income Statements.

Described below are the write-offs of acquired in-process research and development charges in fiscal 2006, 2005 and 2004.

	2006	2005	2004
	(In thousands)		
Verisity Ltd.	\$ ----	\$ 9,400	\$ ----
Neoliner, Inc.	----	----	7,000
Other 2006 acquisition	900	----	----
Other 2004 acquisition	----	----	2,000
Total in-process research and development	\$ 900	\$ 9,400	\$ 9,000

**NOTE 10. GOODWILL AND ACQUIRED INTANGIBLES**

**Goodwill**

In accordance with SFAS No. 142, Goodwill and Other Intangible Assets, Cadence conducts an annual impairment analysis of goodwill, which it completed during the third quarter of 2006. Based on the results of the impairment review, Cadence determined that no indicators of impairment existed for its reporting unit during 2006.

**Table of Contents**

For purposes of SFAS No. 142, Cadence operates under one reporting unit. Cadence's annual impairment review process compares the fair value of its reporting unit to its carrying value, including the goodwill related to the reporting unit. To determine the reporting unit's fair value, Cadence utilized the market valuation approach in the current year evaluation.

The market approach provides an estimate of the fair value of Cadence based on the total number of Cadence common shares outstanding, multiplied by the price per common share. The estimated fair value is then compared to the carrying value of Cadence's net assets. If the carrying value of Cadence's net assets is greater than the aggregate market value of its common shares outstanding, additional fair value analyses are performed on the individual intangible assets, including goodwill, to determine if any intangible assets are impaired, and, if so, an impairment charge is recorded.

The changes in the carrying amount of goodwill for the years ended December 30, 2006 and December 31, 2005 are as follows:

	(In thousands)
Balance as of January 1, 2005	\$ 995,065
Goodwill resulting from acquisitions during the year	221,665
Additions due to earnouts	27,536
Adjustments to acquired deferred tax assets and taxes payable	(4,884)
Tax benefits allocable to goodwill	(2,079)
Other	(4,377)
Balance as of December 31, 2005	1,232,926
Goodwill resulting from acquisitions during the year	17,393
Additions due to earnouts	18,632
Adjustments to acquired deferred tax assets and taxes payable	(377)
Tax benefits allocable to goodwill	(1,370)
Other	375
Balance as of December 30, 2006	\$ 1,267,579

Goodwill resulting from acquisitions during the year includes adjustments to the initial allocation of the purchase price. During the year ended December 31, 2005, Cadence recorded other adjustments of \$4.4 million in the carrying amount of goodwill primarily as a result of a \$3.0 million reduction for foreign currency translation and a \$1.4 million reduction due to adjustments to the initial purchase price of certain acquisitions, which primarily consists of changes to estimated sublease income from facilities acquired as part of previous acquisitions.

**Acquired Intangibles, net**

Acquired intangibles with finite lives as of December 30, 2006 were as follows:

Gross Carrying	Accumulated
----------------	-------------

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

	Amount	Amortization (In thousands)	Net
Existing technology and backlog	\$ 625,832	\$ (572,315)	\$ 53,517
Agreements and relationships	63,153	(41,773)	21,380
Distribution rights	30,100	(10,535)	19,565
Tradenames, trademarks and patents	26,634	(8,358)	18,276
Total acquired intangibles	\$ 745,719	\$ (632,981)	\$ 112,738

**Table of Contents**

Acquired intangibles with finite lives as of December 31, 2005 were as follows:

	Gross Carrying Amount	Accumulated Amortization (In thousands)		Net
Existing technology and backlog	\$ 623,360	\$ (527,858)	\$	95,502
Agreements and relationships	63,807	(33,824)		29,983
Distribution rights	30,100	(7,525)		22,575
Tradenames, trademarks and patents	11,034	(5,247)		5,787
Total acquired intangibles	\$ 728,301	\$ (574,454)	\$	153,847

Aggregate amortization expense for the fiscal years 2006, 2005 and 2004 was as follows:

	2006	2005 (In thousands)	2005
Amortization expense	\$ 63,251	\$ 102,135	\$ 104,685

Estimated amortization expense for the following fiscal years and thereafter is as follows:

	(In thousands)
2007	\$ 40,960
2008	29,535
2009	20,288
2010	10,079
2011	5,967
Thereafter	5,909
Total estimated amortization expense	\$ 112,738

Amortization of costs from existing technology is included in Cost of product and Cost of services. Amortization of costs from acquired maintenance contracts is included in Cost of maintenance.

**NOTE 11. SALES OF INSTALLMENT CONTRACT RECEIVABLES**

From time-to-time, Cadence transfers installment contract receivables on a non-recourse or limited-recourse basis to third party financing institutions. These transfers are recorded as sales and accounted for in accordance with SFAS No. 140, Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities. The following table shows the amounts of accounts receivable transferred to financing institutions on a non-recourse basis in fiscal 2006, 2005 and 2004:

2006	2005 (In thousands)	2004
------	------------------------	------

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Accounts receivable transferred	\$ 200,837	\$ 202,757	\$ 32,150
---------------------------------	------------	------------	-----------

Losses on the sale of receivables are included in General and administrative expense in the accompanying Consolidated Income Statements. The recorded losses are determined based on the purchasing financing institution's review of the credit strength of the customers whose installment contract receivables are being transferred by Cadence. The following table presents the losses recorded in fiscal 2006, 2005 and 2004:

	2006	2005	2004
		(In thousands)	
Losses on sales of receivables	\$ 20,257	\$ 10,678	\$ 2,080

When Cadence sells receivables, it normally retains the servicing rights to the underlying accounts receivable. The fair value of the retained servicing rights have not been material to Cadence's Consolidated Financial Statements.

**Table of Contents****NOTE 12. FINANCIAL INSTRUMENTS****Investments**

The following tables summarize Cadence's cash, cash equivalents, short-term investments and long-term investments as of December 30, 2006:

	Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
	(In thousands)			
Classified as Cash and cash equivalents:				
Cash and interest bearing deposits	\$ 80,015	\$ ----	\$ ----	\$ 80,015
Cash equivalents:				
Money market mutual funds	6,023	----	----	6,023
Commercial paper	848,304	----	----	848,304
Total cash equivalents	854,327	----	----	854,327
Total Cash and cash equivalents	\$ 934,342	\$ ----	\$ ----	\$ 934,342
Classified as investments:				
Time deposits	\$ 434	\$ ----	\$ ----	\$ 434
Marketable securities - available-for-sale	15,510	9,749	(1,604)	23,655
Non-marketable securities	31,360	----	----	31,360
Total investments	\$ 47,304	\$ 9,749	\$ (1,604)	\$ 55,449
Investments Reported as:				
Short-term investments				\$ 24,089
Long-term investments in Other assets				31,360
Total investments				\$ 55,449

The following table summarizes the fair value and gross unrealized losses related to available-for-sale securities, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position as of December 30, 2006:

	Less than 12 Months Gross Unrealized Losses
Fair Value	
(In thousands)	

Marketable securities	available-for-sale	\$	8,414	\$	(1,604)
-----------------------	--------------------	----	-------	----	---------

Market values were determined for each individual security in the investment portfolio. The decline in value of these investments is related to changes in the market value of the investees' common stock and is considered to be temporary in nature.

See Note 2 for Cadence's policy on recording other-than-temporary declines in its marketable equity securities. Cadence recognizes realized gains and losses upon sale of investments using the specific identification method.

**Table of Contents**

The following tables summarize Cadence's cash, cash equivalents, short-term investments and long-term investments as of December 31, 2005:

	Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
	(In thousands)			
Classified as Cash and cash equivalents:				
Cash and interest bearing deposits	\$ 104,655	\$ ----	\$ ----	\$ 104,655
Cash equivalents:				
United States agency discount notes	19,980	----	----	19,980
Money market mutual funds	26,096	----	----	26,096
Commercial paper	710,584	----	----	710,584
Total cash equivalents	756,660	----	----	756,660
Total Cash and cash equivalents	\$ 861,315	\$ ----	\$ ----	\$ 861,315
Classified as investments:				
Time deposits	\$ 279	\$ ----	\$ ----	\$ 279
Marketable securities available-for-sale	13,974	19,912	(889)	32,997
Non-marketable securities	37,897	----	----	37,897
Total investments	\$ 52,150	\$ 19,912	\$ (889)	\$ 71,173
Investments Reported as:				
Short-term investments				\$ 33,276
Long-term investments in Other assets				37,897
Total investments				\$ 71,173

**Marketable Securities**

Net recognized gains from the sale of available-for-sale securities in fiscal 2006, 2005 and 2004 were as follows:

	2006	2005	2004
	(In thousands)		
Available-for-sale Securities	\$ 6,667	\$ 9,191	\$ 6,795

There were no recognized losses from other-than-temporary declines in the market value of available-for-sale securities in 2006 and 2005. Recognized losses from other-than-temporary declines in the market value of available-for-sale securities totaled \$0.7 million in 2004.

**Non-Marketable Securities**

Cadence uses either the cost or equity method of accounting to account for its long-term, non-marketable investment securities, which are included in Other assets on the Consolidated Balance Sheets. Net realized gains on the sale of non-marketable investments were \$19.9 million in 2006, \$2.5 million in 2005 and \$5.7 million in 2004. In addition, Cadence's 1996 Deferred Compensation Venture Investment Plan Trust recorded a gain of \$2.7 million in 2006. If Cadence determines that an other-than-temporary decline exists in a non-marketable equity security, Cadence writes down the investment to its fair value and records the related write-down as an investment loss in the Consolidated Income Statements.

**Table of Contents**

The following table illustrates the carrying value of Cadence's non-marketable securities as of December 30, 2006 and December 31, 2005:

		2006	2005
		(In thousands)	
Non-Marketable Securities	Application of Cost Method	\$ 29,726	\$ 37,897
Non-Marketable Securities	Application of Equity Method	1,634	----
Total		\$ 31,360	\$ 37,897

**Cost Method Investments**

Cadence recorded write-downs due to other-than-temporary declines in value of non-marketable securities carried on the cost basis of \$2.5 million in 2006, \$9.7 million in 2005 and \$1.5 million in 2004. These write-downs are included in Other income (expense), net, in the Consolidated Income Statements.

In January 2006, KhiMetrics, Inc., a cost method investment held by Telos Venture Partners L.P., a limited partnership in which Cadence and its 1996 Deferred Compensation Venture Investment Plan Trust were the sole limited partners, was sold for consideration of \$6.53 per share of common stock. Under the purchase agreement, 10% of the consideration was held in escrow to pay the cost of resolving any claims that could have been asserted against KhiMetrics on or before the first anniversary of the acquisition. The escrow amount remaining after resolution of such claims was distributed to the former stockholders of KhiMetrics in January and February 2007. No gain was recorded on amounts held in escrow during 2006. In connection with this sale, Cadence received approximately \$20.2 million in cash and recorded a gain of approximately \$17.1 million during the year ended December 30, 2006. In addition, Cadence's 1996 Deferred Compensation Venture Investment Plan Trust received \$2.9 million in cash and recorded a gain of \$2.5 million during the year ended December 30, 2006.

**Equity Method Investments**

Cadence's voting interest in its equity method investments ranged from approximately 10% to 46% of the following privately-held companies: Accent S.p.a., CoWare, Inc., FyreStorm, Inc., Shanghai SVA Integrated Circuits Co., Ltd., Theta Microelectronics, Inc. and ZCIST Co., Ltd.

**Table of Contents**

The following table presents (unaudited) summary financial data of Cadence's equity method investments held as of December 30, 2006:

As of December 30, 2006:	(In thousands)
Current assets	\$ 30,143
Non-current assets	\$ 8,448
Current liabilities	\$ 49,182
Non-current liabilities	\$ 18,017
Stockholders' deficit	\$ (28,608)

For the year ended December 30, 2006:

Net sales	\$ 52,643
Costs and expenses	\$ (69,825)
Operating loss	\$ (17,182)
Net loss	\$ (20,974)

In accordance with the equity method of accounting, Cadence records its proportional share of the investees' gains or losses in Other income (expense), net. Cadence records its interest in equity method gains and losses in the quarter following the quarter in which these gains or losses actually occur because it is not practicable to obtain investee financial statements prior to the issuance of Cadence's Consolidated Financial Statements. In addition, Cadence records impairment losses of equity method investments if an other-than-temporary decline in value exists. These write-downs are included in Other income (expense), net, in the Consolidated Income Statements. Cadence's proportional share of its investees' net losses and impairment losses was as follows:

	2006	2005	2004
		(In thousands)	
Proportional share of equity method losses	\$ (1,200)	\$ (6,492)	\$ (16,944)
Impairments of equity method investments	\$ ----	\$ (1,271)	\$ (1,993)

As of December 30, 2006, the difference between the carrying value of Cadence's investments in these investee companies and Cadence's share of the underlying net assets of the investee companies was immaterial.

**NOTE 13. LEASE COMMITMENTS**

Equipment and facilities are leased under various operating leases expiring at various dates through 2025. Certain of these leases contain renewal options. Rental expense was \$30.5 million in fiscal 2006, \$29.0 million in fiscal 2005 and \$25.6 million in fiscal 2004.

**Table of Contents**

As of December 30, 2006, future minimum lease payments under non-cancelable operating leases and contractual sublease income were as follows:

	Operating Leases	Sub-lease Income (In thousands)	Net Operating Leases
For the fiscal years:			
2007	\$ 33,942	\$ (3,111)	\$ 30,831
2008	27,504	(3,316)	24,188
2009	17,422	(1,987)	15,435
2010	11,336	(814)	10,522
2011	8,509	(760)	7,749
2012 and after	36,717	(3,073)	33,644
Total lease payments	\$ 135,430	\$ (13,061)	\$ 122,369

Of the \$122.4 million in net operating lease payments, \$31.3 million was accrued in restructuring expense prior to December 30, 2006 and will be charged against the restructuring accrual as paid.

**NOTE 14. CONTINGENCIES****Legal Proceedings**

From time to time, Cadence is involved in various disputes and litigation matters that arise in the ordinary course of business. These include disputes and lawsuits related to intellectual property, mergers and acquisitions, licensing, contracts, distribution arrangements and employee relations matters. Periodically, Cadence reviews the status of each significant matter and assesses its potential financial exposure. If the potential loss from any claim or legal proceeding is considered probable and the amount or the range of loss can be estimated, Cadence accrues a liability for the estimated loss in accordance with SFAS No. 5, Accounting for Contingencies. Legal proceedings are subject to uncertainties, and the outcomes are difficult to predict. Because of such uncertainties, accruals are based only on the best information available at the time. As additional information becomes available, Cadence reassesses the potential liability related to pending claims and litigation matters and may revise estimates.

On November 8, 2006, an individual filed suit against Cadence, Magma Design Automation, Inc., Dynalith Systems, Inc., Altera Corp., Mentor Graphics Corp. and Aldec, Inc. in the United States District Court for the Eastern District of Texas. The suit alleges that certain products of Cadence and the other defendants infringe a patent for an electronic simulation and emulation system owned by the plaintiff. The plaintiff seeks unspecified damages and attorneys' fees and costs. Cadence disputes the plaintiff's claims and intends to defend the lawsuit vigorously.

While the outcome of these litigation matters cannot be predicted with any certainty, management does not believe that the outcome of any current matters will have a material adverse effect on Cadence's consolidated financial position or results of operations.

**Other Contingencies**

Cadence provides its customers with a warranty on sales of hardware products for a 90-day period. These warranties are accounted for in accordance with SFAS No. 5. To date, Cadence has not incurred any significant costs related to warranty obligations.

Cadence's product license and services agreements include a limited indemnification provision for claims from third parties relating to Cadence's intellectual property. Such indemnification provisions are accounted for in accordance with SFAS No. 5. The indemnification is generally limited to the amount paid by the customer. To date, claims under such indemnification provisions have not been significant.

## **Table of Contents**

The IRS and other tax authorities regularly examine Cadence's income tax returns. In November 2003, the IRS completed its field examination of Cadence's federal income tax returns for the tax years 1997 through 1999 and issued a Revenue Agent's Report, or RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$143.0 million. The most significant of the disputed adjustments for the tax years 1997 through 1999 relates to transfer pricing arrangements that Cadence has with a foreign subsidiary. Cadence has filed a protest to certain of the proposed adjustments with the Appeals Office of the IRS where the matter is currently being considered.

In July 2006, the IRS completed its field examination of Cadence's federal income tax returns for the tax years 2000 through 2002 and issued an RAR, in which the IRS proposes to assess an aggregate tax deficiency for the three-year period of approximately \$324.0 million. In November 2006, the IRS revised the proposed aggregate tax deficiency for the three-year period to be approximately \$318.0 million. The IRS is contesting Cadence's qualification for deferred recognition of certain proceeds received from restitution and settlement in connection with litigation during the period. The proposed tax deficiency for this item is approximately \$152.0 million. The remaining proposed tax deficiency of approximately \$166.0 million is primarily related to proposed adjustments to Cadence's transfer pricing arrangements that it has with foreign subsidiaries and to Cadence's deductions for foreign trade income. The IRS took similar positions with respect to Cadence's transfer pricing arrangements in the prior examination period and may make similar claims against Cadence's transfer pricing arrangements in future examinations. Cadence has filed a timely protest with the IRS and will seek resolution of the issues through the Appeals Office of the IRS.

Cadence believes that the proposed IRS adjustments are inconsistent with applicable tax laws and Cadence is challenging these proposed adjustments vigorously. The RARs are not final Statutory Notices of Deficiency but the IRS imposes interest on the proposed deficiencies until the matters are resolved. Interest is compounded daily at rates published by the IRS, which rates are adjusted quarterly and have been between four and ten percent since 1997.

Significant judgment is required in determining Cadence's provision for income taxes. The calculation of Cadence's tax liabilities involves dealing with uncertainties in the application of complex tax regulations. In determining the adequacy of our provision for income taxes, Cadence regularly assesses the likelihood of adverse outcomes resulting from tax examinations including the RARs for the tax years 1997 through 2002. Cadence provides for tax liabilities on its Consolidated Balance Sheets unless Cadence considers it probable that additional taxes will not be due. However, the ultimate outcome of tax examinations, including the total amount payable or the timing of any such payments upon resolution of these issues, cannot be predicted with certainty. In addition, Cadence cannot assure you that such amount will not be materially different than that which is reflected in its historical income tax provisions and accruals. Should the IRS or other tax authorities assess additional taxes as a result of a current or a future examination, Cadence may be required to record charges to operations in future periods that could have a material impact on the results of operations, financial position or cash flows in the applicable period or periods.

### **NOTE 15. NET INCOME PER SHARE**

Basic net income per share is computed by dividing net income, the numerator, by the weighted average number of shares of common stock outstanding, less unvested restricted stock, the denominator, during the period. Diluted net income per share gives effect to equity instruments considered to be potential common shares, if dilutive, computed using the treasury stock method of accounting.

Cadence accounts for the effect of its Zero Coupon Zero Yield Senior Convertible Notes due 2023, or the 2023 Notes, in the diluted earnings per common share calculation using the if-converted method of accounting. Under that method, the 2023 Notes are assumed to be converted to shares (weighted for the number of days outstanding in the period) at a conversion price of \$15.65, and amortization of transaction fees, net of taxes, related to the 2023 Notes is added back

to net income.

EITF No. 04-08, Accounting Issues Related to Certain Features of Contingently Convertible Debt and the Effect on Diluted Earnings per Share, requires Cadence to include in diluted earnings per share the shares of Cadence's common stock into which the Convertible Senior Notes will be converted. However, since the

**Table of Contents**

Convertible Senior Notes meet the qualification of an Instrument C under EITF No. 90-19, Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a Company's Own Stock, and because cash will be paid for the principal amount of the obligation upon conversion, the only shares that will be considered for inclusion in diluted EPS are those relating to the excess of the conversion premium over the principal amount, using the if-converted method. As of December 30, 2006, no shares are included in diluted EPS for the Convertible Senior Notes.

The following table presents the calculation for the numerator and denominator used in the basic and diluted net income per share computations in fiscal 2006, 2005 and 2004:

	2006	2005	2004
	(In thousands, except per share amounts)		
Net income before cumulative effect of change in accounting principle	\$ 142,174	\$ 49,343	\$ 74,474
Effect of dilutive securities:			
Amortization of 2023 convertible notes transaction fees, net of tax	1,565	1,564	1,578
Net income before cumulative effect of change in accounting principle, as adjusted	\$ 143,739	\$ 50,907	\$ 76,052
Net income after cumulative effect of change in accounting principle	\$ 142,592	\$ 49,343	\$ 74,474
Effect of dilutive securities:			
Amortization of 2023 convertible notes transaction fees, net of tax	1,565	1,564	1,578
Net income after cumulative effect of change in accounting principle, as adjusted	\$ 144,157	\$ 50,907	\$ 76,052
<b>Weighted average common shares:</b>			
Weighted average common shares used to calculate basic net income per share	279,354	278,520	271,328
2023 Convertible notes	26,438	26,837	26,837
Options	4,699	7,483	6,312
Restricted stock and ESPP shares	1,966	1,543	1,297
Weighted average common and potential common shares used to calculate diluted net income per share	312,457	314,383	305,774
<b>Basic net income per share:</b>			
Net income per share before cumulative effect of change in accounting principle	\$ 0.51	\$ 0.18	\$ 0.27
Net income per share after cumulative effect of change in accounting principle	\$ 0.51	\$ 0.18	\$ 0.27
<b>Diluted net income per share:</b>			
Net income per share before cumulative effect of change in accounting principle	\$ 0.46	\$ 0.16	\$ 0.25

Net income per share after cumulative effect of change in accounting principle	\$	0.46	\$	0.16	\$	0.25
--	----	------	----	------	----	------

**Table of Contents**

The following table presents the potential shares of Cadence common stock outstanding at the end of the fiscal years 2006, 2005 and 2004 which were not included in the computation of diluted net income per share because their effect would be antidilutive:

	2006	2005 (In thousands)	2004
Options to purchase shares of common stock (various expiration dates through 2016)	24,077	26,039	33,770
Warrants to purchase shares of common stock related to the Convertible Senior Notes (various expiration dates through 2014)	23,640	----	----
Warrants to purchase shares of common stock related to the 2023 Notes (various expiration dates through 2008)	14,717	26,829	26,829
Total potential common shares excluded	62,434	52,868	60,599

**NOTE 16. STOCK REPURCHASE PROGRAMS**

In August 2001, the Cadence Board of Directors authorized a program to repurchase shares of Cadence's common stock in the open market with a value of up to \$500.0 million in the aggregate, which amount was exhausted during February 2006. In February 2006, the Cadence Board of Directors authorized a new program to repurchase shares of Cadence common stock in the open market with a value of up to \$500.0 million in the aggregate. In November 2006, Cadence's Board of Directors authorized a new program to repurchase shares of Cadence's common stock in the open market with a value of up to an additional \$500.0 million in the aggregate.

The table below presents the shares repurchased under Cadence's stock repurchase programs in fiscal 2006, 2005 and 2004:

	2006	2005 (In thousands)	2004
Shares repurchased	27,917	6,150	7,031
Total cost of repurchased shares	\$ 494,088	\$ 101,070	\$ 94,105

As of December 30, 2006, the remaining repurchase authorization under these stock repurchase programs totaled \$527.8 million.

**NOTE 17. EMPLOYEE AND DIRECTOR BENEFIT PLANS**

Cadence maintains a 401(k) savings plan to provide retirement benefits through tax-deferred salary deductions for all of its United States employees. Cadence may make discretionary contributions, as determined by the Board of Directors, which cannot exceed a specified percentage of the annual aggregate salaries of those employees eligible to participate. Cadence made total contributions to the plan of \$11.4 million in 2006, \$10.8 million in 2005, and \$9.6 million in 2004.

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Executive Officers and Directors may also elect to defer compensation payable to them under Cadence's 1994 Nonqualified Deferred Compensation Plan. Deferred compensation payments are held in accounts with values indexed to the performance of selected mutual funds or money market accounts. These investments are classified as trading securities on Cadence's Consolidated Balance Sheets and gains and losses are recognized as income (expense) in the Consolidated Income Statements. Net recognized appreciation (depreciation) of trading securities in fiscal 2006, 2005 and 2004 was as follows:

	2006	2005	2004
	(In thousands)		
Trading Securities	\$ 3,701	\$ 6,599	\$ (4,975)

**Table of Contents****NOTE 18. STATEMENT OF CASH FLOWS**

The supplemental cash flow information for 2006, 2005 and 2004 is as follows:

	2006	2005 (In thousands)	2004
Cash Paid (Received) During the Year for:			
Interest	\$ 6,401	\$ 120	\$ 186
Income taxes, including foreign withholding tax	\$ 51,930	\$ 9,430	\$ (2,086)
Non-Cash Investing and Financing Activities:			
Common and treasury stock issued for acquisitions	\$ 2,594	\$ 11,883	\$ 14,934
Unrealized gain (loss) of available-for-sale securities, net of taxes	\$ (6,527)	\$ 1,020	\$ (517)
Accrued purchased software	\$ ----	\$ ----	\$ 6,100

**NOTE 19. RESTRUCTURING AND OTHER CHARGES**

Cadence initiated a separate plan of restructuring in each year from 2001 through 2005 in an effort to operate more productively while improving operating margins and cash flows. The restructuring plans initiated each year from 2001 through 2005, or the 2001 Restructuring, 2002 Restructuring, 2003 Restructuring, 2004 Restructuring and 2005 Restructuring, respectively, were intended to decrease costs through workforce reductions and facility and resource consolidation, in order to improve Cadence's cost structure. The 2001 and 2002 Restructurings primarily related to Cadence's design services business and certain other business or infrastructure groups throughout the world. The 2003 Restructuring, 2004 Restructuring and 2005 Restructuring were targeted at reducing costs throughout the company. The 2004 Restructuring has been completed and there was no remaining balance accrued for this restructuring as of December 30, 2006.

The initial facility closure and space reduction costs included in these restructurings were comprised of payments required under leases, less any applicable estimated sublease income after the properties were abandoned, lease buyout costs and other contractual charges. To estimate the initial lease loss, which is the loss after Cadence's cost recovery efforts from subleasing all or part of a building, Cadence management made certain assumptions related to the time period over which the relevant building would remain vacant and sublease terms, including sublease rates and contractual common area charges.

Each reporting period, Cadence evaluates the adequacy of the lease loss accrual for each plan of restructuring. Cadence adjusts the lease loss accrual for changes in real estate markets or other factors that may affect estimated costs or sublease income. Cadence also considers executed sublease agreements and adjusts the lease loss accrual if sublease income under the agreement differs from initial estimates.

During 2005, in conjunction with the workforce reduction in Cadence's European design services business, Cadence completed a sale-leaseback transaction involving land and a building in Livingston, Scotland. Proceeds from the sale were \$33.6 million and the total gain on the sale was \$3.6 million. Cadence leased back a portion of the facility for two years following the date of sale and another portion for ten years from the date of sale, with an option to terminate

the ten year lease after five years. Cadence deferred the gain on the sale and is recognizing the gain ratably over the maximum lease term of ten years.

Since 2001, Cadence has recorded facilities consolidation charges, net of credits, of \$97.0 million related to space reductions or facility closures of 49 sites. As of December 30, 2006, 28 of these sites had been vacated and space reductions had occurred at the remaining 21 sites. Cadence expects to pay remaining facilities-related restructuring liabilities for all of its restructuring plans prior to 2016.

As of December 30, 2006, Cadence's accrued estimate of the lease loss related to all restructuring activities initiated since 2001 was \$31.3 million. This amount may be adjusted in the future based upon changes in the

**Table of Contents**

assumptions used to estimate the lease loss.

Total restructuring costs accrued as of December 30, 2006 were \$31.3 million, consisting solely of lease losses, of which \$5.1 million was Accounts payable and accrued liabilities and \$26.2 million was Other long-term liabilities.

Restructuring and other charges (credits) recorded by plan of restructuring for fiscal years 2006, 2005 and 2004 are as follows:

	Severance and Benefits	Asset- Related	Excess Facilities (In thousands)	Other	Total
2006:					
2005 Plan	\$ (106)	\$ ----	\$ 34	\$ ----	\$ (72)
2003, 2002 and 2001 Plans	----	----	(725)	----	(725)
Total 2006 Charges	\$ (106)	\$ ----	\$ (691)	\$ ----	\$ (797)
2005:					
2005 Plan	\$ 20,785	\$ 2,401	\$ 2,425	\$ ----	\$ 25,611
2004 Plan	(343)	----	----	----	(343)
2003, 2002 and 2001 Plans	----	(24)	10,090	----	10,066
Total 2005 Charges	\$ 20,442	\$ 2,377	\$ 12,515	\$ ----	\$ 35,334
2004:					
2004 Plan	\$ 7,035	\$ 206	\$ ----	\$ 9,365	\$ 16,606
2003, 2002 and 2001 Plans	(1,322)	(3,963)	2,221	----	(3,064)
Total 2004 Charges	\$ 5,713	\$ (3,757)	\$ 2,221	\$ 9,365	\$ 13,542

Due to the immateriality of the 2003 Restructuring, 2002 Restructuring and 2001 Restructuring, they have been combined in the above table.

Cadence's workforce reduction activities related to the 2004 Restructuring and the 2005 Restructuring were completed prior to December 31, 2005. Cadence recorded a credit during the twelve months ended December 30, 2006 to remove the remaining severance and benefits accrual related to the 2005 Restructuring. The other activity recorded in each of the restructuring plans for the year ended December 30, 2006 relates to payment of remaining lease obligations, net of sublease payments received, and changes in the estimate related to lease loss accruals.

**Table of Contents**

The following tables present activity for the years ended December 30, 2006, December 31, 2005 and January 1, 2005 associated with each plan of restructuring.

**2005 Restructuring**

	Severance and Benefits	Asset- Related	Excess Facilities	Total
	(In thousands)			
Balance, January 1, 2005	\$ ----	\$ ----	\$ ----	\$ ----
Restructuring and other charges, net	20,785	2,401	2,425	25,611
Non-cash charges	----	(2,232)	12	(2,220)
Cash payments	(20,471)	(169)	(794)	(21,434)
Effect of foreign currency translation	(212)	----	(53)	(265)
Balance, December 31, 2005	102	----	1,590	1,692
Restructuring and other charges, net	(106)	----	34	(72)
Non-cash charges	----	----	39	39
Cash payments	(1)	----	(527)	(528)
Effect of foreign currency translation	5	----	50	55
Balance, December 30, 2006	\$ ----	\$ ----	\$ 1,186	\$ 1,186

**2004 Restructuring**

	Severance and Benefits	Asset- Related	Other	Total
	(In thousands)			
Balance, January 3, 2004	\$ ----	\$ ----	\$ ----	\$ ----
Restructuring and other charges, net	7,035	206	9,365	16,606
Non-cash charges	----	(174)	(9,365)	(9,539)
Cash payments	(6,683)	(30)	----	(6,713)
Effect of foreign currency translation	118	(2)	----	116
Balance, January 1, 2005	470	----	----	470
Restructuring and other charges, net	(343)	----	----	(343)
Cash payments	(115)	----	----	(115)
Effect of foreign currency translation	(12)	----	----	(12)
Balance, December 31, 2005	\$ ----	\$ ----	\$ ----	\$ ----



**Table of Contents****2001 Restructuring, 2002 Restructuring and 2003 Restructuring**

	2001 Restructuring	2002 Restructuring (In thousands)	2003 Restructuring
Balance, January 3, 2004	\$ 20,999	\$ 17,352	\$ 21,211
Restructuring and other charges, net	680	(1,580)	(2,164)
Non-cash charges	----	(32)	32
Cash payments	(6,216)	(6,822)	(8,508)
Effect of foreign currency translation	1,139	94	1,022
Balance, January 1, 2005	16,602	9,012	11,593
Restructuring and other charges, net	5,734	(411)	4,743
Non-cash charges	----	----	132
Cash payments	(2,247)	(1,965)	(7,700)
Effect of foreign currency translation	(1,533)	(14)	(730)
Balance, December 31, 2005	18,556	6,622	8,038
Restructuring and other charges, net	(24)	(375)	(326)
Non-cash charges	----	----	155
Cash payments	(1,825)	(1,113)	(2,405)
Effect of foreign currency translation	2,008	13	790
Balance, December 30, 2006	\$ 18,715	\$ 5,147	\$ 6,252

The liabilities remaining as of December 30, 2006 in the 2001 Restructuring, 2002 Restructuring and 2003 Restructuring consist primarily of excess facilities liabilities.

**NOTE 20. OTHER INCOME (EXPENSE), NET**

Other income (expense), net, for fiscal 2006, 2005 and 2004 was as follows:

	2006	2005 (In thousands)	2004
Interest income	\$ 39,288	\$ 15,606	\$ 5,585
Gains on sale of non-marketable securities (Note 12)	19,875	2,507	5,672
Gains on available-for-sale securities (Note 12)	6,667	9,191	6,795
Gains (losses) on trading securities in Cadence's non-qualified deferred compensation trust (Note 17)	3,701	6,599	(4,975)
Gains on sale of non-marketable securities in Cadence's non-qualified deferred compensation trust (Note 12)	2,660	----	----
Gains (losses) on foreign exchange	1,949	4,541	(1,421)
Equity loss from investments (Note 12)	(1,200)	(6,492)	(16,944)
Write-down of investments (Note 12)	(2,467)	(10,934)	(4,236)

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Other income (expense)	(71)	(5,921)	(1,989)
Total other income (expense), net	\$ 70,402	\$ 15,097	\$ (11,513)

**Table of Contents****NOTE 21. SEGMENT REPORTING**

SFAS No. 131, Disclosures about Segments of an Enterprise and Related Information, requires disclosures of certain information regarding operating segments, products and services, geographic areas of operation and major customers. SFAS No. 131 reporting is based upon the management approach : how management organizes the company's operating segments for which separate financial information is (i) available and (ii) evaluated regularly by the chief operating decision maker in deciding how to allocate resources and in assessing performance. Cadence's chief operating decision maker is its President and Chief Executive Officer, or CEO.

Cadence's CEO reviews Cadence's consolidated results within one operating segment. In making operating decisions, the CEO primarily considers consolidated financial information, accompanied by disaggregated information about revenues by geographic region.

Outside the United States, Cadence markets and supports its products and services primarily through its subsidiaries. Revenue is attributed to geography based on the country in which the customer is domiciled. Long-lived assets are attributed to geography based on the country where the assets are located.

The following tables present a summary of revenue by geography in fiscal 2006, 2005 and 2004:

	2006	2005	2004
	(In thousands)		
North America:			
United States	\$ 765,120	\$ 613,186	\$ 598,849
Other North America	31,255	20,335	27,025
Total North America	796,375	633,521	625,874
Europe, Middle East and Africa:			
Germany	88,198	72,548	87,324
Other Europe, Middle East, and Africa	196,199	172,443	174,533
Total Europe, Middle East, and Africa	284,397	244,991	261,857
Japan and Asia:			
Japan	247,886	333,233	191,169
Asia	155,237	117,447	118,580
Total Japan and Asia	403,123	450,680	309,749
Total	\$ 1,483,895	\$ 1,329,192	\$ 1,197,480

	2006	2005	2004
	(In thousands)		
United States	\$ 765,120	\$ 613,186	\$ 598,849

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Other	718,775	716,006	598,631
Total	\$ 1,483,895	\$ 1,329,192	\$ 1,197,480

**Table of Contents**

The following tables present a summary of long-lived assets by geography as of December 30, 2006, December 31, 2005, and January 1, 2005:

	2006	2005 (In thousands)	2004
North America:			
United States	\$ 325,076	\$ 331,229	\$ 334,943
Other	108	227	371
Total North America	325,184	331,456	335,314
Europe, Middle East and Africa:			
Germany	1,163	752	985
Other Europe, Middle East, and Africa	8,026	7,739	37,417
Total Europe, Middle East, and Africa	9,189	8,491	38,402
Japan and Asia:			
Japan	797	2,193	2,787
Asia	19,405	14,805	13,864
Total Japan and Asia	20,202	16,998	16,651
Total	\$ 354,575	\$ 356,945	\$ 390,367

	2006	2005 (In thousands)	2004
United States	\$ 325,076	\$ 331,229	\$ 334,943
Other	29,499	25,716	55,424
Total	\$ 354,575	\$ 356,945	\$ 390,367

No one customer accounted for 10% or more of total revenue in fiscal 2006, 2005 or 2004.

As of December 30, 2006, no one customer accounted for 10% or more of Cadence's Accounts receivable, net. As of December 31, 2005, one customer accounted for 20% of Accounts receivable, net.

**NOTE 22. SUBSEQUENT EVENT**

In January 2007, Cadence completed the sale of certain land and buildings in San Jose, California for a sale price of \$46.5 million. Concurrently with the sale, Cadence leased back from the purchaser approximately 262,500 square feet of office space, which represents all available space in the buildings. The lease agreement includes an initial term of two years, with two options to extend the lease for six months each. Cadence is obligated to make lease payments

related to this lease of \$2.2 million in 2007, \$2.4 million in 2008 and \$0.2 million in 2009.

Cadence received cash payment for the full sale price in January 2007. During the lease term, Cadence intends to construct an additional building located on its San Jose, California campus to replace the buildings it sold in this transaction.

**Table of Contents**

**CADENCE DESIGN SYSTEMS, INC.**  
**VALUATION AND QUALIFYING ACCOUNTS AND RESERVES**  
(In thousands)

**Schedule II**

Description	Balance at Beginning of Period	Addition		Deductions(2)	Balance at End of Period
		Charged to (Credited) Costs and Expenses	Charged to Other Accounts(1)		
Deducted from asset accounts:					
Provisions for losses on trade accounts receivable and sales returns:					
Year Ended December 30, 2006:					
Bad debt allowance	\$ 6,896	\$ (4,431)	\$ ----	\$ (398)	\$ 2,067
Sales return allowance	4,083	----	(2,346)	----	1,737
<b>Total</b>	<b>\$ 10,979</b>	<b>\$ (4,431)</b>	<b>\$ (2,346)</b>	<b>\$ (398)</b>	<b>\$ 3,804</b>
Year Ended December 31, 2005:					
Bad debt allowance	\$ 8,151	\$ (647)	\$ ----	\$ (608)	\$ 6,896
Sales return allowance	4,583	----	(500)	----	4,083
<b>Total</b>	<b>\$ 12,734</b>	<b>\$ (647)</b>	<b>\$ (500)</b>	<b>\$ (608)</b>	<b>\$ 10,979</b>
Year Ended January 1, 2005:					
Bad debt allowance	\$ 10,967	\$ (220)	\$ ----	\$ (2,596)	\$ 8,151
Sales return allowance	11,626	----	667	(7,710)	4,583
<b>Total</b>	<b>\$ 22,593</b>	<b>\$ (220)</b>	<b>\$ 667</b>	<b>\$ (10,306)</b>	<b>\$ 12,734</b>

(1) Sales returns offset against revenue and bad debt allowance from acquisitions.

(2) Uncollectible accounts written-off, net of recoveries and sales returns.

**Table of Contents**(a) 3. Exhibits:

The following exhibits are filed with this Annual Report on Form 10-K:

Exhibit Number	Exhibit Title
3.01	(a) The Registrant's Restated Certificate of Incorporation as filed with the Secretary of State of the State of Delaware on May 13, 1998 (Incorporated by reference to Exhibit 3.01(j) to the Registrant's Form 10-Q (File No. 1-10606) for the quarter ended July 4, 1998). (b) The Registrant's Certificate of Designation of Series A Junior Participating Preferred Stock, as amended on February 1, 2000, as filed with the Secretary of State of the State of Delaware on June 8, 1989 (Incorporated by reference to Exhibit 3A to the Registrant's Current Report on Form 8-K (File No. 0-15867) filed on June 12, 1989 and amended by Exhibit 4.02 to the Registrant's Form 10-K (File No. 1-10606) for the fiscal year ended January 1, 2000 (the 1999 Form 10-K)).
3.02	The Registrant's Amended and Restated Bylaws, as currently in effect (Incorporated by reference to Exhibit 3.02 to the Registrant's Form 10-Q for the quarter ended March 29, 2003 (the 2003 First Quarter Form 10-Q)).
4.01	Specimen Certificate of the Registrant's Common Stock (Incorporated by reference to Exhibit 4.01 to the Registrant's Form S-4 Registration Statement (File No. 33-43400) filed on October 17, 1991).
4.02	Indenture dated as of August 15, 2003 by and between the Registrant and J.P. Morgan Trust Company, National Association as Trustee, including form of Zero Coupon Zero Yield Senior Convertible Notes due 2023 (Incorporated by reference to Exhibit 4.1 to the Registrant's Form 10-Q for the quarter ended September 27, 2003 (the 2003 Third Quarter Form 10-Q)).
4.03	Indenture dated as of December 19, 2006 by and between the Registrant and Deutsche Bank Trust Company Americas as Trustee, including form of 1.375% Convertible Senior Notes due 2011.
4.04	Indenture dated as of December 19, 2006 by and between the Registrant and Deutsche Bank Trust Company Americas as Trustee, including form of 1.500% Convertible Senior Notes due 2013.
4.05	Registration Rights Agreement dated as of December 19, 2006 by and between the Registrant and Merrill Lynch, Fenner & Smith Incorporated, Morgan Stanley & Co. Incorporated and J.P. Morgan Securities Inc. as representatives of the initial purchasers named therein.
*10.01	The Registrant's 1987 Stock Incentive Plan, as amended and restated.
*10.02	Form of Stock Option Agreement and Form of Stock Option Exercise Request, as currently in effect under the Registrant's 1987 Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.02 to the Registrant's Form 10-Q for the quarter ended July 3, 2004 (the 2004 Second Quarter Form 10-Q)).
*10.03	Form of Nonstatutory Incentive Stock Award Agreement as currently in effect under the Registrant's 1987 Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.03 to the Registrant's Form 10-K for the fiscal year ended January 1, 2005 (the 2004 Form 10-K)).
*10.04	Form of Incentive Stock Award Agreement for performance-based Incentive Stock Awards as currently in effect under the Cadence Design Systems, Inc. 1987 Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on February 13, 2006).
10.05	JTA Research Inc. 1998 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-85080) filed on March 28, 2002).
*10.07	The Registrant's Directors 1995 Stock Option Plan, as amended and restated.
*10.08	

The Registrant's Amended and Restated Employee Stock Purchase Plan (Incorporated by reference to Appendix C to the Registrant's Definitive Proxy Statement filed on April 3, 2006).

\*10.09 The Registrant's amended and restated Senior Executive Bonus Plan (Incorporated by reference to Appendix B to the Registrant's Definitive Proxy Statement filed on April 3, 2006).

**Table of Contents**

Exhibit Number	Exhibit Title
*10.10	The Registrant's 1994 Deferred Compensation Plan, as amended and restated effective November 1, 2002 (Incorporated by reference to Exhibit 10.08 to the Registrant's Form 10-K for the fiscal year ended December 28, 2002 (the 2002 Form 10-K)).
*10.11	The Registrant's 1996 Deferred Compensation Venture Investment Plan, as amended and restated effective January 1, 2001 (Incorporated by reference to Exhibit 10.09 to the Registrant's Form 10-K for the fiscal year ended December 29, 2001 (the 2001 Form 10-K)).
10.12	The Registrant's 1993 Non-Statutory Stock Incentive Plan, as amended and restated.
10.14	Plato Design Systems Incorporated 2002 Supplemental Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-87674) filed on May 7, 2002).
10.15	Distribution Agreement, dated as of April 28, 1997 by and among Cadence Design Systems (Ireland) Ltd., Cadence Design Systems K.K. and Cadence Design Systems (Japan) B.V. (Incorporated by reference to Exhibit 10.48 to the Registrant's Form 10-Q (File No. 1-10606) for the quarter ended June 28, 1997).
*10.17	Amended and Restated Residential Lease, effective as of February 21, 2007, between 849 College Avenue, Inc., a subsidiary of the Registrant, and Kevin and Elizabeth Bushby.
10.18	Verplex Systems, Inc. 1998 Stock Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-108251) filed on August 27, 2003).
10.19	Get2Chip.Com, Inc. 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-104720) filed on April 24, 2003 (the April 2003 Form S-8)).
10.20	Get2Chip.Com, Inc. 2001 Stock Plan (Incorporated by reference to Exhibit 99.2 to the April 2003 Form S-8).
*10.21	Description of Director Health Care Benefits (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on February 11, 2005).
10.22	Neoliner, Inc. 2004 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-115351) filed on May 10, 2004).
10.23	QDA, Inc. 2003 Stock Option/Stock Issuance Plan (Incorporated by reference to Exhibit 10.23 to the Registrant's Form 10-K for the fiscal year ended January 3, 2004 (the 2003 Form 10-K)).
*10.27	Consulting Agreement between the Registrant and Alberto Sangiovanni-Vincentelli, entered into on August 17, 2005 (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on August 19, 2005).
10.28	Design Acceleration, Inc. 1994 Stock Plan (Incorporated by reference to Exhibit 99 to the Registrant's Form S-8 Registration Statement (File No. 333-71717) filed on February 3, 1999).
10.29	Quickturn Design Systems, Inc. 1988 Stock Option Plan, as amended (Incorporated by reference to Exhibit 99.1 to the Registrant's Post-Effective Amendment No. 1 on Form S-8 to S-4 Registration Statement (File No. 333-69589) filed on June 7, 1999 (the June 1999 Form S-8)).
10.30	Ambit Design Systems, Inc. 1994 Incentive Stock Option Plan (Incorporated by reference to Exhibit 10.30 to the 2003 Form 10-K).
10.31	Ambit Design Systems, Inc. 1996 Incentive Stock Option Plan (Incorporated by reference to Exhibit 10.31 to the 2003 Form 10-K).
*10.32	The Registrant's 2002 Deferred Compensation Venture Investment Plan, as amended (Incorporated by reference to Exhibit 10.32 to the 2004 Second Quarter Form 10-Q).

**Table of Contents**

Exhibit Number	Exhibit Title
10.33	eTop Design Technology, Inc. 2000 Stock Incentive Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-119335) filed on September 28, 2004).
10.34	Quickturn Design Systems, Inc. 1996 Supplemental Stock Plan (Incorporated by reference to Exhibit 99.5 to the June 1999 Form S-8).
10.35	Quickturn Design Systems, Inc. 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.6 to the June 1999 Form S-8).
*10.37	Employment Agreement between Registrant and Moshe Gavriellov dated January 12, 2005 (Incorporated by reference to Exhibit 10.37 to the Registrant's Form 10-K for the fiscal year ended December 31, 2005).
10.38	OrCAD, Inc. 1995 Stock Option Plan (Incorporated by reference to Exhibit 99.2 to the Registrant's Form S-8 Registration Statement (File No. 333-85591) filed on August 19, 1999).
*10.39	Employment Agreement, effective as of May 12, 2004, between the Registrant and Michael J. Fister (Incorporated by reference to Exhibit 10.78 to the 2004 Second Quarter Form 10-Q).
*10.40	Amendment to Employment Agreement, dated as of May 17, 2005, between the Registrant and Michael J. Fister (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on May 23, 2005).
10.41	Diablo Research Company LLC 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-93609) filed on December 27, 1999 (the December 1999 Form S-8)).
10.43	The Registrant's 2000 Nonstatutory Equity Incentive Plan, as amended and restated.
*10.44	Form of Indemnity Agreement between the Registrant and its directors and executive officers (Incorporated by reference to Exhibit 10.01 to the 2000 Second Quarter Form 10-Q).
*10.45	Employment Agreement, effective as of May 26, 2004, between the Registrant and Kevin Bushby (Incorporated by reference to Exhibit 10.80 to the 2004 Second Quarter Form 10-Q).
*10.46	Employment Agreement, effective as of May 18, 2004, between the Registrant and R.L. Smith McKeithen (Incorporated by reference to Exhibit 10.81 to the 2004 Second Quarter Form 10-Q).
10.47	The Registrant's 1997 Nonstatutory Stock Incentive Plan, as amended and restated.
10.48	Simplex Solutions, Inc. 1995 Stock Plan, as amended (Incorporated by reference to Exhibit 99.1 to the Registrant's Post-Effective Amendment No. 1 on Form S-8 to Form S-4 Registration Statement (File No. 333-88390) filed on July 3, 2002 (the July 2002 Form S-8)).
10.49	Simplex Solutions, Inc. 2001 Incentive Stock Plan (Incorporated by reference to Exhibit 99.2 to the July 2002 Form S-8).
10.50	Simplex Solutions, Inc. 2002 Nonstatutory Stock Option Plan (Incorporated by reference to Exhibit 99.3 to the July 2002 Form S-8).
10.51	Altius Solutions, Inc. 1999 Stock Plan (Incorporated by reference to Exhibit 99.4 to the July 2002 Form S-8).
*10.52	Employment Agreement, effective as of January 1, 2005, between the Registrant and William Porter (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on December 30, 2004).
*10.53	Summary of Non-Employee Director Compensation (Incorporated by reference to Exhibit 10.53 to the 2004 Form 10-K).
*10.54	Summary of Non-Employee Director Cash Compensation (Incorporated by reference to Exhibit 10.2 to the Registrant's Current Report on Form 8-K filed on August 19, 2005).



**Table of Contents**

Exhibit Number	Exhibit Title
10.55	Term Facility Agreement, dated as of December 19, 2005, among Castlewilder, as borrower, Bank of America, N.A., as Administrative Agent, Banc of America Securities LLC, as lead arranger and the lender parties to the Term Facility Agreement (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on December 21, 2005 (the December 2005 Form 8-K)).
10.56	Guaranty, dated as of December 19, 2005, made by the Registrant in favor of Bank of America, N.A. as the Administrative Agent and the lender parties thereto (Incorporated by reference to Exhibit 10.2 to the December 2005 Form 8-K).
10.57	Guaranty, dated as of December 19, 2005, made by Cadence Technology Limited in favor of Bank of America, N.A. as the Administrative Agent and the lender parties to the Term Facility Agreement (Incorporated by reference to Exhibit 10.3 to the December 2005 Form 8-K).
*10.59	Employment Agreement, effective as of February 15, 2007, between the Registrant and James Miller (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on February 22, 2007).
10.61	CadMOS Design Technology, Inc. 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-56898) filed on March 12, 2001 (the March 2001 Form S-8)).
10.62	CadMOS Design Technology, Inc. Supplemental 2001 Stock Option Plan (Incorporated by reference to Exhibit 99.2 to the March 2001 Form S-8).
10.63	DSM Technologies, Inc. 2000 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-82044) filed on February 4, 2002).
10.64	Silicon Perspective Corporation 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-75874) filed on December 21, 2001).
10.65	The Registrant's SPC Plan, effective December 20, 2001 (Incorporated by reference to Exhibit 10.65 to the 2001 Form 10-K).
10.68	BTA Technology, Inc. 1995 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-102648) filed on January 22, 2003 (the January 2003 Form S-8)).
10.69	BTA-Ultima, Inc. 1995 Stock Option Plan (Incorporated by reference to Exhibit 99.2 to the January 2003 Form S-8).
10.70	BTA Technology, Inc. 1999 Stock Option Plan (Incorporated by reference to Exhibit 99.3 to the January 2003 Form S-8).
10.71	Celestry Design Technologies, Inc. 2001 Stock Option Plan (Incorporated by reference to Exhibit 99.4 to the January 2003 Form S-8).
10.72	Celestry Design Technologies, Inc. 2001 Executive Stock Plan (Incorporated by reference to Exhibit 99.5 to the January 2003 Form S-8).
10.73	Hedge Side Letter, dated as of August 10, 2003, by and between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.73 to the 2003 Form 10-K).
10.74	Warrant Transaction Confirmation, dated August 11, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.74 to the 2003 Form 10-K).
10.75	Call Option Transaction Confirmation, dated August 11, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.75 to the 2003 Form 10-K).



**Table of Contents**

Exhibit Number	Exhibit Title
10.76	Warrant Transaction Confirmation, dated August 27, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.76 to the 2003 Form 10-K).
10.77	Call Option Transaction Confirmation, dated August 27, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.77 to the 2003 Form 10-K).
10.78	Amended and Restated Verisity Ltd. 2000 U.S. Share Incentive Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-124025) filed on April 12, 2005 (the April 2005 Form S-8)).
10.79	Verisity Ltd. 1999 Israeli Share Option Plan (Incorporated by reference to Exhibit 99.2 to the April 2005 Form S-8).
10.80	Verisity Ltd. 1997 Israel Share and Stock Option Incentive Plan (Incorporated by reference to Exhibit 99.3 to the April 2005 Form S-8).
10.81	Verisity Ltd. 1996 U.S. Stock Option Plan (as amended on October 28, 1999) (Incorporated by reference to Exhibit 99.4 to the April 2005 Form S-8).
10.82	Verisity Ltd. 2000 Israeli Share Option Plan, as amended (Incorporated by reference to Exhibit 99.5 to the April 2005 Form S-8).
10.83	Amended and Restated Axis Systems Inc. 1997 Stock Plan (Incorporated by reference to Exhibit 99.6 to the April 2005 Form S-8).
10.84	Convertible Note Hedge Side Letter, dated as of December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited, for the Registrant's Convertible Senior Notes due December 15, 2011.
10.85	Convertible Note Hedge Side Letter, dated as of December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited, for the Registrant's Convertible Senior Notes due December 15, 2013.
10.86	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited.
10.87	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited.
10.88	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JP Morgan Chase Bank, National Association, for the Registrant's Convertible Senior Notes due December 15, 2011.
10.89	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JP Morgan Chase Bank, National Association, for the Registrant's Convertible Senior Notes due December 15, 2013.
10.90	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JP Morgan Chase Bank, National Association.
10.91	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JP Morgan Chase Bank, National Association.
10.92	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International, for the Registrant's Convertible Senior Notes due December 15, 2011.
10.93	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International, for the Registrant's Convertible Senior Notes due December 15, 2013.



**Table of Contents**

Exhibit Number	Exhibit Title
10.94	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International.
10.95	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International.
21.01	Subsidiaries of the Registrant.
23.01	Independent Registered Public Accounting Firm's Consent.
31.01	Certification of the Registrant's Chief Executive Officer, Michael J. Fister, pursuant to Rule 13a-14 of the Securities Exchange Act of 1934.
31.02	Certification of the Registrant's Chief Financial Officer, William Porter, pursuant to Rule 13a-14 of the Securities Exchange Act of 1934.
32.01	Certification of the Registrant's Chief Executive Officer, Michael J. Fister, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.02	Certification of the Registrant's Chief Financial Officer, William Porter, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

\* Management contract or compensatory plan or arrangement covering executive officers or directors of the Registrant.

(b) *Exhibits:*

Cadence hereby files as part of this Form 10-K the Exhibits listed in Item 15. (a) 3 above.

(c) *Financial Statement Schedule:*

See Item 15. (a) 2 of this Form 10-K.

**Table of Contents**

**SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CADENCE DESIGN SYSTEMS, INC.

/s/ Michael J. Fister

Michael J. Fister  
*President, Chief Executive Officer and Director*  
Dated: February 23, 2007

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

NAME/TITLE	DATE
/s/ Michael J. Fister	February 23, 2007
Michael J. Fister <i>President, Chief Executive Officer and Director</i> <i>(Principal Executive Officer)</i>	
/s/ William Porter	February 23, 2007
William Porter <i>Executive Vice President and Chief Financial Officer</i> <i>(Principal Financial Officer and Principal Accounting Officer)</i>	

**Table of Contents**

**POWER OF ATTORNEY**

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Michael J. Fister, William Porter and R. L. Smith McKeithen, and each of them, as his or her true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Report on Form 10-K, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or their or his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated:

**ADDITIONAL DIRECTORS**

/s/ Donald L. Lucas	<u>February 23, 2007</u>
Donald L. Lucas	
/s/ Dr. Alberto Sangiovanni-Vincentelli	<u>February 23, 2007</u>
Dr. Alberto Sangiovanni-Vincentelli	
/s/ George M. Scalise	<u>February 23, 2007</u>
George M. Scalise	
/s/ Dr. John B. Shoven	<u>February 23, 2007</u>
Dr. John B. Shoven	
/s/ Roger Siboni	<u>February 23, 2007</u>
Roger Siboni	
/s/ John A. C. Swainson	<u>February 23, 2007</u>
John A. C. Swainson	
/s/ Lip-Bu Tan	<u>February 23, 2007</u>
Lip-Bu Tan	

**Table of Contents****INDEX TO EXHIBITS**

Exhibit Number	Exhibit Title
3.01	(a) The Registrant's Restated Certificate of Incorporation as filed with the Secretary of State of the State of Delaware on May 13, 1998 (Incorporated by reference to Exhibit 3.01(j) to the Registrant's Form 10-Q (File No. 1-10606) for the quarter ended July 4, 1998). (b) The Registrant's Certificate of Designation of Series A Junior Participating Preferred Stock, as amended on February 1, 2000, as filed with the Secretary of State of the State of Delaware on June 8, 1989 (Incorporated by reference to Exhibit 3A to the Registrant's Current Report on Form 8-K (File No. 0-15867) filed on June 12, 1989 and amended by Exhibit 4.02 to the Registrant's Form 10-K (File No. 1-10606) for the fiscal year ended January 1, 2000 (the 1999 Form 10-K)).
3.02	The Registrant's Amended and Restated Bylaws, as currently in effect (Incorporated by reference to Exhibit 3.02 to the Registrant's Form 10-Q for the quarter ended March 29, 2003 (the 2003 First Quarter Form 10-Q)).
4.01	Specimen Certificate of the Registrant's Common Stock (Incorporated by reference to Exhibit 4.01 to the Registrant's Form S-4 Registration Statement (File No. 33-43400) filed on October 17, 1991).
4.02	Indenture dated as of August 15, 2003 by and between the Registrant and J.P. Morgan Trust Company, National Association as Trustee, including form of Zero Coupon Zero Yield Senior Convertible Notes due 2023 (Incorporated by reference to Exhibit 4.1 to the Registrant's Form 10-Q for the quarter ended September 27, 2003 (the 2003 Third Quarter Form 10-Q)).
4.03	Indenture dated as of December 19, 2006 by and between the Registrant and Deutsche Bank Trust Company Americas as Trustee, including form of 1.375% Convertible Senior Notes due 2011.
4.04	Indenture dated as of December 19, 2006 by and between the Registrant and Deutsche Bank Trust Company Americas as Trustee, including form of 1.500% Convertible Senior Notes due 2013.
4.05	Registration Rights Agreement dated as of December 19, 2006 by and between the Registrant and Merrill Lynch, Fenner & Smith Incorporated, Morgan Stanley & Co. Incorporated and J.P. Morgan Securities Inc. as representatives of the initial purchasers named therein.
*10.01	The Registrant's 1987 Stock Incentive Plan, as amended and restated.
*10.02	Form of Stock Option Agreement and Form of Stock Option Exercise Request, as currently in effect under the Registrant's 1987 Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.02 to the Registrant's Form 10-Q for the quarter ended July 3, 2004 (the 2004 Second Quarter Form 10-Q)).
*10.03	Form of Nonstatutory Incentive Stock Award Agreement as currently in effect under the Registrant's 1987 Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.03 to the Registrant's Form 10-K for the fiscal year ended January 1, 2005 (the 2004 Form 10-K)).
*10.04	Form of Incentive Stock Award Agreement for performance-based Incentive Stock Awards as currently in effect under the Cadence Design Systems, Inc. 1987 Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on February 13, 2006).
10.05	JTA Research Inc. 1998 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-85080) filed on March 28, 2002).
*10.07	The Registrant's 1995 Directors Stock Option Plan, as amended and restated.
*10.08	The Registrant's Amended and Restated Employee Stock Purchase Plan (Incorporated by reference to Appendix C to the Registrant's Definitive Proxy Statement filed on April 3, 2006).
*10.09	The Registrant's amended and restated Senior Executive Bonus Plan (Incorporated by reference to Appendix B to the Registrant's Definitive Proxy Statement filed on April 3, 2006).
*10.10	

Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

The Registrant's 1994 Deferred Compensation Plan, as amended and restated effective November 1, 2002 (Incorporated by reference to Exhibit 10.08 to the Registrant's Form 10-K for the fiscal year ended December 28, 2002 (the 2002 Form 10-K)).

---

**Table of Contents**

Exhibit Number	Exhibit Title
*10.11	The Registrant's 1996 Deferred Compensation Venture Investment Plan, as amended and restated effective January 1, 2001 (Incorporated by reference to Exhibit 10.09 to the Registrant's Form 10-K for the fiscal year ended December 29, 2001 (the 2001 Form 10-K)).
10.12	The Registrant's 1993 Non-Statutory Stock Incentive Plan, as amended and restated.
10.14	Plato Design Systems Incorporated 2002 Supplemental Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-87674) filed on May 7, 2002).
10.15	Distribution Agreement, dated as of April 28, 1997 by and among Cadence Design Systems (Ireland) Ltd., Cadence Design Systems K.K. and Cadence Design Systems (Japan) B.V. (Incorporated by reference to Exhibit 10.48 to the Registrant's Form 10-Q (File No. 1-10606) for the quarter ended June 28, 1997).
*10.17	Amended and Restated Residential Lease, effective as of February 21, 2007, between 849 College Avenue, Inc., a subsidiary of the Registrant, and Kevin and Elizabeth Bushby.
10.18	Verplex Systems, Inc. 1998 Stock Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-108251) filed on August 27, 2003).
10.19	Get2Chip.Com, Inc. 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-104720) filed on April 24, 2003 (the April 2003 Form S-8)).
10.20	Get2Chip.Com, Inc. 2001 Stock Plan (Incorporated by reference to Exhibit 99.2 to the April 2003 Form S-8).
*10.21	Description of Director Health Care Benefits (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on February 11, 2005).
10.22	Neoliner, Inc. 2004 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-115351) filed on May 10, 2004).
10.23	QDA, Inc. 2003 Stock Option/Stock Issuance Plan (Incorporated by reference to Exhibit 10.23 to the Registrant's Form 10-K for the fiscal year ended January 3, 2004 (the 2003 Form 10-K)).
*10.27	Consulting Agreement between the Registrant and Alberto Sangiovanni-Vincentelli, entered into on August 17, 2005 (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on August 19, 2005).
10.28	Design Acceleration, Inc. 1994 Stock Plan (Incorporated by reference to Exhibit 99 to the Registrant's Form S-8 Registration Statement (File No. 333-71717) filed on February 3, 1999).
10.29	Quickturn Design Systems, Inc. 1988 Stock Option Plan, as amended (Incorporated by reference to Exhibit 99.1 to the Registrant's Post-Effective Amendment No. 1 on Form S-8 to S-4 Registration Statement (File No. 333-69589) filed on June 7, 1999 (the June 1999 Form S-8)).
10.30	Ambit Design Systems, Inc. 1994 Incentive Stock Option Plan (Incorporated by reference to Exhibit 10.30 to the 2003 Form 10-K).
10.31	Ambit Design Systems, Inc. 1996 Incentive Stock Option Plan (Incorporated by reference to Exhibit 10.31 to the 2003 Form 10-K).
*10.32	The Registrant's 2002 Deferred Compensation Venture Investment Plan, as amended (Incorporated by reference to Exhibit 10.32 to the 2004 Second Quarter Form 10-Q).
10.33	eTop Design Technology, Inc. 2000 Stock Incentive Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-119335) filed on September 28, 2004).
10.34	Quickturn Design Systems, Inc. 1996 Supplemental Stock Plan (Incorporated by reference to Exhibit 99.5 to the June 1999 Form S-8).
10.35	

Quickturn Design Systems, Inc. 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.6 to the June 1999 Form S-8).

---

**Table of Contents**

Exhibit Number	Exhibit Title
*10.37	Employment Agreement between Registrant and Moshe Gavrielov dated January 12, 2005 (Incorporated by reference to Exhibit 10.37 to the Registrant's Form 10-K for the fiscal year ended December 31, 2005).
10.38	OrCAD, Inc. 1995 Stock Option Plan (Incorporated by reference to Exhibit 99.2 to the Registrant's Form S-8 Registration Statement (File No. 333-85591) filed on August 19, 1999).
*10.39	Employment Agreement, effective as of May 12, 2004, between the Registrant and Michael J. Fister (Incorporated by reference to Exhibit 10.78 to the 2004 Second Quarter Form 10-Q).
*10.40	Amendment to Employment Agreement, dated as of May 17, 2005, between the Registrant and Michael J. Fister (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on May 23, 2005).
10.41	Diablo Research Company LLC 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-93609) filed on December 27, 1999 (the December 1999 Form S-8)).
10.43	The Registrant's 2000 Nonstatutory Equity Incentive Plan, as amended and restated.
*10.44	Form of Indemnity Agreement between the Registrant and its directors and executive officers (Incorporated by reference to Exhibit 10.01 to the 2000 Second Quarter Form 10-Q).
*10.45	Employment Agreement, effective as of May 26, 2004, between the Registrant and Kevin Bushby (Incorporated by reference to Exhibit 10.80 to the 2004 Second Quarter Form 10-Q).
*10.46	Employment Agreement, effective as of May 18, 2004, between the Registrant and R.L. Smith McKeithen (Incorporated by reference to Exhibit 10.81 to the 2004 Second Quarter Form 10-Q).
10.47	The Registrant's 1997 Nonstatutory Stock Incentive Plan, as amended and restated.
10.48	Simplex Solutions, Inc. 1995 Stock Plan, as amended (Incorporated by reference to Exhibit 99.1 to the Registrant's Post-Effective Amendment No. 1 on Form S-8 to Form S-4 Registration Statement (File No. 333-88390) filed on July 3, 2002 (the July 2002 Form S-8)).
10.49	Simplex Solutions, Inc. 2001 Incentive Stock Plan (Incorporated by reference to Exhibit 99.2 to the July 2002 Form S-8).
10.50	Simplex Solutions, Inc. 2002 Nonstatutory Stock Option Plan (Incorporated by reference to Exhibit 99.3 to the July 2002 Form S-8).
10.51	Altius Solutions, Inc. 1999 Stock Plan (Incorporated by reference to Exhibit 99.4 to the July 2002 Form S-8).
*10.52	Employment Agreement, effective as of January 1, 2005, between the Registrant and William Porter (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on December 30, 2004).
*10.53	Summary of Non-Employee Director Compensation (Incorporated by reference to Exhibit 10.53 to the 2004 Form 10-K).
*10.54	Summary of Non-Employee Director Cash Compensation (Incorporated by reference to Exhibit 10.2 to the Registrant's Current Report on Form 8-K filed on August 19, 2005).
10.55	Term Facility Agreement, dated as of December 19, 2005, among Castlewilder, as borrower, Bank of America, N.A., as Administrative Agent, Banc of America Securities LLC, as lead arranger and the lender parties to the Term Facility Agreement (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on December 21, 2005 (the December 2005 Form 8-K)).
10.56	Guaranty, dated as of December 19, 2005, made by the Registrant in favor of Bank of America, N.A. as the Administrative Agent and the lender parties thereto (Incorporated by reference to Exhibit 10.2 to the December 2005 Form 8-K).



**Table of Contents**

Exhibit Number	Exhibit Title
10.57	Guaranty, dated as of December 19, 2005, made by Cadence Technology Limited in favor of Bank of America, N.A. as the Administrative Agent and the lender parties to the Term Facility Agreement (Incorporated by reference to Exhibit 10.3 to the December 2005 Form 8-K).
*10.59	Employment Agreement, effective as of February 15, 2007, between the Registrant and James Miller (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on February 22, 2007).
10.61	CadMOS Design Technology, Inc. 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-56898) filed on March 12, 2001 (the March 2001 Form S-8)).
10.62	CadMOS Design Technology, Inc. Supplemental 2001 Stock Option Plan (Incorporated by reference to Exhibit 99.2 to the March 2001 Form S-8).
10.63	DSM Technologies, Inc. 2000 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-82044) filed on February 4, 2002).
10.64	Silicon Perspective Corporation 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-75874) filed on December 21, 2001).
10.65	The Registrant's SPC Plan, effective December 20, 2001 (Incorporated by reference to Exhibit 10.65 to the 2001 Form 10-K).
10.68	BTA Technology, Inc. 1995 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-102648) filed on January 22, 2003 (the January 2003 Form S-8)).
10.69	BTA-Ultima, Inc. 1995 Stock Option Plan (Incorporated by reference to Exhibit 99.2 to the January 2003 Form S-8).
10.70	BTA Technology, Inc. 1999 Stock Option Plan (Incorporated by reference to Exhibit 99.3 to the January 2003 Form S-8).
10.71	Celestry Design Technologies, Inc. 2001 Stock Option Plan (Incorporated by reference to Exhibit 99.4 to the January 2003 Form S-8).
10.72	Celestry Design Technologies, Inc. 2001 Executive Stock Plan (Incorporated by reference to Exhibit 99.5 to the January 2003 Form S-8).
10.73	Hedge Side Letter, dated as of August 10, 2003, by and between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.73 to the 2003 Form 10-K).
10.74	Warrant Transaction Confirmation, dated August 11, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.74 to the 2003 Form 10-K).
10.75	Call Option Transaction Confirmation, dated August 11, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.75 to the 2003 Form 10-K).
10.76	Warrant Transaction Confirmation, dated August 27, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.76 to the 2003 Form 10-K).
10.77	Call Option Transaction Confirmation, dated August 27, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.77 to the 2003 Form 10-K).
10.78	Amended and Restated Verisity Ltd. 2000 U.S. Share Incentive Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-124025) filed on April 12, 2005 (the April 2005 Form S-8)).



**Table of Contents**

Exhibit Number	Exhibit Title
10.79	Veristry Ltd. 1999 Israeli Share Option Plan (Incorporated by reference to Exhibit 99.2 to the April 2005 Form S-8).
10.80	Veristry Ltd. 1997 Israel Share and Stock Option Incentive Plan (Incorporated by reference to Exhibit 99.3 to the April 2005 Form S-8).
10.81	Veristry Ltd. 1996 U.S. Stock Option Plan (as amended on October 28, 1999) (Incorporated by reference to Exhibit 99.4 to the April 2005 Form S-8).
10.82	Veristry Ltd. 2000 Israeli Share Option Plan, as amended (Incorporated by reference to Exhibit 99.5 to the April 2005 Form S-8).
10.83	Amended and Restated Axis Systems Inc. 1997 Stock Plan (Incorporated by reference to Exhibit 99.6 to the April 2005 Form S-8).
10.84	Convertible Note Hedge Side Letter, dated as of December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited, for the Registrant's Convertible Senior Notes due December 15, 2011.
10.85	Convertible Note Hedge Side Letter, dated as of December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited, for the Registrant's Convertible Senior Notes due December 15, 2013.
10.86	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited.
10.87	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited.
10.88	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JP Morgan Chase Bank, National Association, for the Registrant's Convertible Senior Notes due December 15, 2011.
10.89	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JP Morgan Chase Bank, National Association, for the Registrant's Convertible Senior Notes due December 15, 2013.
10.90	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JP Morgan Chase Bank, National Association.
10.91	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JP Morgan Chase Bank, National Association.
10.92	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International, for the Registrant's Convertible Senior Notes due December 15, 2011.
10.93	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International, for the Registrant's Convertible Senior Notes due December 15, 2013.
10.94	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International.
10.95	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International.
21.01	Subsidiaries of the Registrant.
23.01	Independent Registered Public Accounting Firm's Consent.
31.01	Certification of the Registrant's Chief Executive Officer, Michael J. Fister, pursuant to Rule 13a-14 of the Securities Exchange Act of 1934.
31.02	Certification of the Registrant's Chief Financial Officer, William Porter, pursuant to Rule 13a-14 of the Securities Exchange Act of 1934.



**Table of Contents**

Exhibit Number	Exhibit Title
32.01	Certification of the Registrant's Chief Executive Officer, Michael J. Fister, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.02	Certification of the Registrant's Chief Financial Officer, William Porter, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

\* Management contract or compensatory plan or arrangement covering executive officers or directors of the Registrant.