SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER

PURSUANT TO RULE 13a-16 OR 15d-16 OF

THE SECURITIES EXCHANGE ACT OF 1934

For the month of October, 2008

SILICOM LTD.

(Translation of Registrant s name into English)

8 Hanagar St., P.O.Box 2164, Kfar-Sava 44425, Israel

(Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F x Form 40-F o

Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes o No X

Attached hereto and incorporated by reference herein is Registrant s press release dated October 27, 2008 announcing Registrant s third quarter financial results.

This report on Form 6-K is incorporated by reference into the Registrant s Registration Statement on Form F-3, Registration Statement No. 333-143565. This report on Form 6-K is also incorporated by reference into all other effective registration statements filed by the Registrant under the Securities Act of 1933.

Signature

Pursuant to the requirements 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.

SILICOM Ltd. (Registrant)

Yes o No x

By: /s/ Eran Gilad

Eran Gilad CFO

Dated: October 27th, 2008

FOR IMMEDIATE RELEASE

EARNINGS RELEASE

SILICOM REPORTS FINANCIAL RESULTS FOR O3 AND 1st NINE MONTHS OF 2008

Company Returns to Growth with a 19% Sequential Increase in Revenues and \$0.14 EPS

KFAR SAVA, Israel October 27, 2008 Silicom Ltd. (NASDAQ and TASE: SILC) today reported its financial results for the third quarter and nine months ended September 30, 2008.

Revenues for the third quarter of 2008 were \$6.1 million, a 19% increase compared sequentially with revenues of \$5.2 million recorded in the second quarter of 2008 and an 8% decrease compared year-over-year with revenues of \$6.6 million recorded in the third quarter of 2007. Net income for the third quarter of 2008 was \$0.9 million, or \$0.14 per share (basic and diluted), a 192% increase compared sequentially with \$0.3 million, or \$0.05 per share (basic and diluted) for the second quarter of 2008, and a 43% decrease compared year-over-year with net income of \$1.6 million, or \$0.25 per share (basic and diluted), for the third quarter of 2007.

Revenues for the first nine months of 2008 were \$19.0 million compared with \$19.3 million for the parallel period of 2007. Net income for the nine-month period was \$3.0 million, or \$0.44 per diluted share (\$0.45 per basic share), compared with \$4.5 million, or \$0.72 per diluted share (\$0.75 per basic share), for the first nine months of 2007.

Commenting on the results, Shaike Orbach, President and CEO, said, We are pleased to report significant sequential growth in our revenues and profits for the third quarter especially given the challenges inherent in today s volatile macro market environment. This success derives from the on-track overall performance of our business, resulting in new revenues that have mitigated the effect of the appliance configuration change implemented recently by one of our significant customers. We are especially encouraged by two positive developments:

The increased purchases of our Fortune 100 WAN Optimization customer. Throughout the quarter, this major manufacturer increased its purchases of Silicom products in preparation for rolling out its next-generation WAN Optimization appliances, and has designed in our BYPASS card as a standard component in one of them.

The steady addition of new business with new and current customers. We continue to make headway in our sales efforts, through which we continue to secure new customers and increase the range of products that we sell to existing customers. We have recently added an important new security appliance customer who we believe has the potential to become a significant customer in the future.

These developments have enabled us to continue building our business despite the difficult market environment, making us optimistic regarding our long-term prospects.

Conference Call Details

The Company will host a conference call to discuss these results today, Monday, October 27th, at:

9:00 a.m. Eastern Daylight Time 6:00 a.m. Pacific Daylight Time 15:00 Israel Time

To participate, please call one of the following teleconferencing numbers. Please begin placing your calls at least 10 minutes before the conference call commences. If you are unable to connect using the toll-free numbers, try the international dial-in number.

US: 1 866 345 5855

UK: 0 800 404 8418

ISRAEL: 03 918 0650

INTERNATIONAL: +972 3 918 0650

For those unable to listen to the live call, a replay of the call will be available for three months from the day after the call under the investor relations section of Silicom s website, at: www.silicom.co.il

About Silicom

Silicom Ltd. is an industry-leading provider of high-performance server/appliances networking solutions. The Company s flagship products include a variety of multi-port Gigabit Ethernet, copper and fiber-optic, server adapters and innovative BYPASS adapters designed to increase throughput and availability of server-based systems, WAN Optimization and security appliances and other mission-critical gateway applications. For more information, please visit: www.silicom.co.il.

Statements in this press release which are not historical data are forward-looking statements which involve known and unknown risks, uncertainties, or other factors not under the Company s control, which may cause actual results, performance, or achievements of the Company to be materially different from the results, performance, or other expectations implied by these forward-looking statements. These factors include, but are not limited to, those detailed in the Company s periodic filings with the Securities and Exchange Commission. The Company disclaims any duty to update such statements.

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Investor relations contact: Kenny Green / Ehud Helft GK Investor Relations Tel: 1-646-201-9246 E-mail: info@gkir.com

FINANCIAL TABLES FOLLOW

Silicom Ltd. Consolidated Statements of Income

(US\$ thousands, except for share and per share data)

	Three-month period ended September 30,		th period tember 30,
2008	2007	2008	2007

	Three-month period ended September 30,			Nine-month period ended September 30,				
Sales	\$	6,141	\$	6,640	\$	19,016	\$	19,306
Cost of sales		3,723		3,990		11,364		11,624
Gross profit	_	2,418		2,650	_	7,652		7,682
Research and development costs		791		524		2,475		1,587
Selling and marketing expenses		568		365		1,741		1,147
General and administrative expenses		360		316		1,151		858
Total operating expenses		1,719		1,205		5,367		3,592
Operating income		699		1,445		2,285		4,090
Financial income, net		295		297		804		649
Income before income taxes		994		1,742		3,089	-	4,739
Income tax expense		50		96		86		279
Net income	\$	944	\$	1,646	\$	3,003	\$	4,460
Basic income per ordinary share	\$	0.14	\$	0.25	\$	0.45	\$	0.75
Weighted average number of ordinary shares used to compute basic income per share (in thousands)		6,694		6,495		6,682		5,976
Diluted income per ordinary share	\$	0.14	\$	0.25	\$	0.44	\$	0.72
Weighted average number of ordinary shares used to compute diluted income per share (in thousands)	_	6,734		6,707		6,764		6,174

Silicom Ltd. Consolidated Balance Sheets

(US\$ thousands)				
	Se	eptember 30, 2008	De	ecember 31, 2007
Assets				
Current assets Cash and cash equivalents	\$	10,080	\$	14,216

	September 30, 2008	Dec	cember 31, 2007
Marketable securities	8,150		3,516
Accounts receivables: Trade, net	5,131		6,545
Accounts receivables: Other	352		338
Inventories	4,997		4,078
Deferred tax assets	345		73
Total current assets	29,055		28,766
Marketable securities	19,217		15,210
Assets held for employees' severance benefits	1,171		952
Property, plant and equipment, net	875		675
Other assets, net	-		39
Total assets	\$ 50,318	\$	45,642
Liabilities and shareholder's equity			
Current liabilities			
Trade accounts payable	\$ 2,363	\$	2,997
Other accounts payable and accrued expenses	2,316		1,715
Total current liabilities	4,679		4,712
Liability for employees' severance benefits	2,110		1,596
Total liabilities	6,789		6,308
Shareholders' equity			
Ordinary shares and additional paid-in capital	32,939		31,747
Treasury shares	(38)		(38)
Retained earnings	10,628		7,625
Total Shareholders' equity	43,529		39,334
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