SHARP STEVEN Form 4 May 31, 2013

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

Expires: STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, 2005 Estimated average

Form 4 or Form 5 obligations **SECURITIES**

burden hours per response... 0.5

may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

Common

Stock

05/30/2013

(Print or Type Responses)

1. Name and Address of Reporting Person * SHARP STEVEN			2. Issuer Name and Ticker or Trading Symbol POWER INTEGRATIONS INC [POWI]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) 5245 HELL		Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/30/2013 X Director Officer (give title below)			% Owner ner (specify			
(Street) SAN JOSE, CA 95138			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tabl	e I - Non-D	erivative S	Securities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution		Code (Instr. 8)		(A) or	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)

Code V

S

Amount

10,000 D

(D)

Price

42.47

(1)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

10,000

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

by Trust

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
r g	Director	10% Owner	Officer	Other			
SHARP STEVEN							
5245 HELLYER AVE	X						
SAN JOSE, CA 95138							

Signatures

By: /s/ Eric Verity Attorney In Fact For: Steven
Sharp
05/31/2013

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The range of prices for the enclosed transactions were \$42.18 to \$42.76 Upon request by the SEC staff, the issuer, or any security holder of the issuer we will provide full information regarding the number of shares sold at each separate price.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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