SHARP STEVEN Form 4 July 02, 2010

FORM 4

OMB APPROVAL

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

OMB Number:

3235-0287

0.5

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average

Section 16. Form 4 or Form 5 obligations

may continue.

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

burden hours per response...

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

Issuer

SHARP STEVEN

POWER INTEGRATIONS INC [POWI]

(Check all applicable)

(Last) (First) 3. Date of Earliest Transaction

X_ Director 10% Owner Officer (give title Other (specify

5. Relationship of Reporting Person(s) to

5245 HELLYER AVE

07/01/2010

(Month/Day/Year)

Symbol

(Middle)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

(Instr. 4)

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

SAN JOSE, CA 95138

(City) (State) (Zip)

(Street)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

3. Execution Date, if Code

4. Securities TransactionAcquired (A) or Disposed of (D)

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(A)

(Instr. 8)

Following Reported Transaction(s) (Instr. 3 and 4)

or Code V Amount (D) Price

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

(Month/Day/Year)

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.

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

1. Title of 3. Transaction Date 3A. Deemed 5. Number 6. Date Exercisable and Derivative Transaction of Derivative **Expiration Date** Conversion (Month/Day/Year) Execution Date, if (Month/Day/Year) Security or Exercise Code Securities any

7. Title and Am Underlying Seco (Instr. 3 and 4)

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(Instr. 3) Price of Derivative Security (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)

Code V (A) (D) Date Exercisable Expiration Date

A

or N of Sl

Non-Qualified

Stock Option \$ 32.26 07/01/2010 A 8,000 08/01/2012(1) 07/01/2020 Common Stock

Reporting Owners

Reporting Owner Name / Address

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
07/02/2010

**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 option shall vest 0% of the shares on the two (2) year anniversary of the date of grant, and 100% of the shares thereafter in twelve (12) successive equal monthly installments.

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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