

RENOUARD BRUCE  
Form 4  
April 15, 2010

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
RENOUARD BRUCE

2. Issuer Name and Ticker or Trading Symbol  
POWER INTEGRATIONS INC  
[POWI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
5245 HELLYER AVE  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
04/13/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP Worldwide Sales

SAN JOSE, CA 95138  
(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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	Amount	(A) or (D)	Price
Common Stock	04/13/2010		M		3,782	A	\$ 14.82
							4,549
Common Stock	04/13/2010		S		3,782	D	\$ 43.5056
							767
							(1)
Common Stock	04/14/2010		M		26,218	A	\$ 14.82
							26,985
Common Stock	04/14/2010		S		26,218	D	\$ 44.2134
							767
							(2)
	04/14/2010		M		11,471	A	\$ 14.82
							12,238
							D

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Common Stock							
Common Stock	04/14/2010	S	11,471	D	\$ 45.1366 (3)	767	D
Common Stock	04/14/2010	M	4,779	A	\$ 14.82	5,546	D
Common Stock	04/14/2010	S	4,779	D	\$ 45.1366 (3)	767	D
Common Stock	04/14/2010	M	13,750	A	\$ 17.18	14,517	D
Common Stock	04/14/2010	S	13,750	D	\$ 45.1366 (3)	767	D

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

SEC 1474  
(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 14.82	04/13/2010		M	3,782 (4)	02/21/2002 02/21/2012	Common Stock 3,
Non-Qualified Stock Option (right to buy)	\$ 14.82	04/14/2010		M	26,218 (4)	02/21/2002 02/21/2012	Common Stock 26
Non-Qualified Stock Option (right to buy)	\$ 14.82	04/14/2010		M	11,471 (4)	02/21/2002 02/21/2012	Common Stock 11
	\$ 14.82	04/14/2010		M		02/21/2002 02/21/2012	4,

Non-Qualified Stock Option (right to buy)					4,779 (4)			Common Stock	
Non-Qualified Stock Option (right to buy)	\$ 17.18	04/14/2010		M	13,750 (4)	01/24/2005	01/24/2015	Common Stock	13

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RENOUARD BRUCE 5245 HELLYER AVE SAN JOSE, CA 95138			VP Worldwide Sales	

## Signatures

By: /s/ Bill Roeschlein Attorney-In-Fact For: Bruce  
Renouard

04/15/2010

\*\*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 range of prices for the enclosed transactions were \$43.50 to \$43.55. 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.
- (2) The range of prices for the enclosed transactions were \$43.71 to \$44.58. 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.
- (3) The range of prices for the enclosed transactions were \$45.00 to \$45.43. 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.
- (4) This sale is pursuant to a 10B5-1 Sales Plan

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.