Bell Derek Form 4 May 23, 2012

FORM 4

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

OMB APPROVAL

Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

16. or

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934.

Form 5 obligations may continue. See Instruction 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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Bell Derek			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			POWER INTEGRATIONS INC [POWI]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% Owner Other (specify		
5245 HELLYER AVE			05/21/2012	below) below) VP of Engineering		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
SAN JOSE, CA 95138			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(Stota)	(Zin)				

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquir	red, Disposed of,	or Beneficiall	y 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. Securit our Dispos (Instr. 3,	ed of	` ′	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	(D)	Price	(IIIsu. 3 and 4)		
Common Stock	05/21/2012		M	10,104	A	\$ 21.14	35,823	D	
Common Stock	05/21/2012		S	10,104	D	\$ 41.3514 (1)	25,719	D	
Common Stock	05/21/2012		M	4,896	A	\$ 25.25	30,615	D	
Common Stock	05/21/2012		S	4,896	D	\$ 41.797 (2)	25,719	D	

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

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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 or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	ivative Expiration Date urities (Month/Day/Year) uritied (A) Disposed of tr. 3, 4,		7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Am or Nu of S
Non-Qualified Stock Option (right to buy)	\$ 21.14	05/21/2012		M	10,104 (3)	10/28/2009	04/28/2019	Common Stock	10
Non-Qualified Stock Option (right to buy)	\$ 25.25	05/21/2012		M	4,896 (3)	08/15/2007	08/15/2017	Common Stock	4,

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Bell Derek

5245 HELLYER AVE VP of Engineering

SAN JOSE, CA 95138

Signatures

By: /s/ Eric Verity Attorney In Fact For:

Derek Bell

05/22/2012

**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 \$40.92 to \$41.71. 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 \$41.71 to \$41.93. 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) 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.

Reporting Owners 2

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