Bell Derek Form 4 May 05, 2010

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

Washington, D.C. 20549

Expires: January 31, 2005

Section 16. Form 4 or Form 5 obligations STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

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 POWER INTEGRATIONS INC [POWI]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) 5245 HELLYER AVE		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/03/2010	Director 10% Owner Other (specify below) VP of Engineering		
	(Street)		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		
SAN JOSE, CA 95138				Form filed by More than One Reporting		

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	ırities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount		Price	(Instr. 3 and 4)		
Common Stock	05/03/2010		A	6,000	A	\$ 0	10,650	D	
Common Stock	05/03/2010		M	3,000	A	\$ 14.82	13,650	D	
Common Stock	05/03/2010		S	3,000	D	\$ 38.6077	10,650	D	

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

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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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and 4	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Incentive Stock Option (right to buy)	\$ 38.07	05/03/2010		A	10,878		11/03/2010	05/03/2020	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 14.82	05/03/2010		M		3,000 (2)	02/21/2002	02/21/2012	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 38.07	05/03/2010		A	1,122		11/03/2010	05/03/2020	Common Stock

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/ Bill Roeschlein Attorney-In-Fact For:
Derek Bell
05/03/2010

**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 \$38.52 to \$38.90. 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) 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.

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