Bell Derek Form 4 February 03, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

Issuer

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

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

may continue.

See Instruction

Check this box

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

2. Issuer Name and Ticker or Trading

30(h) of the Investment Company Act of 1940

1(b).

Rell Derek

Stock

Stock

Stock

Common

Common

02/01/2010

02/01/2010

(Print or Type Responses)

1. Name and Address of Reporting Person *

Bell Derek			Symbol POWER INTEGRATIONS INC [POWI]						(Check all applicable)				
(Last) (First) (Middle) 5245 HELLYER AVE				3. Date of Earliest Transaction (Month/Day/Year) 02/01/2010						Director 10% Owner X Officer (give title Other (specify below) VP of Engineering			
					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 Person			
	(City)	(State)	(Zip)	Tabl	e I - No	n-D	erivative	Secui	rities Acqu	ired, Disposed of	, or Beneficiall	y Owned	
	1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		Date, if	3. Transa Code (Instr.)		4. Securit r(A) or Di (Instr. 3,	spose	d of (D)	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)	
	Common Stock	02/01/2010			M		367	A	\$ 12.1	16,017	D		
	Common	02/01/2010			S		367	D	\$ 31.257	15,650	D		

633

633

M

S

D

(1)

\$

(1)

\$ 12.1

16,283

31.257 15,650

D

D

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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. Transactic Code (Instr. 8)	e Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amoun or Numbe of Shares
Incentive Stock Option (right to buy)	\$ 12.1	02/01/2010		M		633 (2)	05/31/2001	05/31/2011	Common Stock	633
Non-Qualified Stock Option (right to buy)	\$ 12.1	02/01/2010		M		367 (2)	05/31/2001	05/31/2011	Common Stock	367

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
02/02/2010

**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 range of prices for the enclosed transactions were \$31.18 to \$31.67. 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.

Reporting Owners 2

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(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.