Bailey Doug Form 4 March 02, 2010

FORM 4

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

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005 Estimated average burden hours per response...

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Number:

OMB APPROVAL

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0.5

Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 * Bailey Doug			2. Issuer Name and Ticker or Trading Symbol POWER INTEGRATIONS INC [POWI]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) 5245 HELLYI	(First) ER AVE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/01/2010	Director 10% OwnerX Officer (give title Other (specify below) VP Marketing		
	(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 Person		

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	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. 4. Securities Acquired (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of 6. Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	03/01/2010		M	5,000	A	\$ 19.73	5,000	D	
Common Stock	03/01/2010		S	5,000	D	\$ 36.3998 (1)	0	D	
Common Stock	03/01/2010		M	2,000	A	\$ 25.25	2,000	D	
Common Stock	03/01/2010		S	2,000	D	\$ 38	0	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. Transactic Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date Und		Underlying S	. Title and Amour Inderlying Securit Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share	
Non-Qualified Stock Option (right to buy)	\$ 19.73	03/01/2010		M	5,000 (2)	11/30/2004	11/30/2014	Common Stock	5,0	
Non-Qualified Stock Option (right to buy)	\$ 25.25	03/01/2010		M	2,000 (2)	08/15/2007	08/15/2017	Common Stock	2,0	

Reporting Owners

Reporting Owner Name / Address	Relationships					
Toporous o mar rume / rume os	Director	10% Owner	Officer	Other		
Bailey Doug						
5245 HELLYER AVE			VP Marketing			
SAN JOSE CA 95138						

Signatures

By: /s/ Bill Roeschlein Attorney-In-Fact For: Doug
Bailey
03/02/2010

**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 \$36.00 to \$36.58. 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.
- (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.

Reporting Owners 2

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