Bailey Doug Form 4 April 06, 2010

FORM 4

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

OMB Number:

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OMB APPROVAL

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

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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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

Common

Stock

04/05/2010

(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 HELL	· · · · · · · · · · · · · · · · · · ·	Middle)	3. Date of (Month/D 04/05/20	-	ansaction			DirectorX Officer (give below)		Owner or (specify
SAN JOSE,	(Street)			ndment, Da th/Day/Year)	Č	1		6. Individual or Jo Applicable Line) _X_ Form filed by O Form filed by M Person		rson
(City)	(State)	(Zip)	Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficiall	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)	Execution any		3. Transactio Code (Instr. 8)	4. Securi r(A) or Di (Instr. 3,	(A) or	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	04/05/2010			M	565	A	\$ 19.73	565	D	

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

S

565

D

\$42

0

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D

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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. Transactic Code (Instr. 8)	5. Number on f 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 Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amoun or Numbe of Shares
Non-Qualified Stock Option (right to buy)	\$ 19.73	04/05/2010		M	565 (1)	11/30/2004	11/30/2014	Common Stock	565

Reporting Owners

Reporting Owner Name / Address	Relationships						
	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
04/06/2010

**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) 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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