Bailey Doug Form 4 May 10, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number: January 31,

Expires: 2005 Estimated average

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response... 0.5

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 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **Bailey Doug** Issuer Symbol POWER INTEGRATIONS INC (Check all applicable) [POWI] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) 14963 KENNEDY ROAD 05/09/2013 **VP** Marketing (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting LOS GATOS, CA 95032 Person (City) (State) (Zip)

(City)	(State)	Table Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficiall	ly Owned	
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired	5. Amount of	6. Ownership	7. Nature of	
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or D	ispose	ed of (D)	Securities	Form: Direct	Indirect	
(Instr. 3)		Code (Instr. 3, 4 and 5)			5)	Beneficially	(D) or Beneficial			
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership	
							Following	(Instr. 4)	(Instr. 4)	
					(4)		Reported			
					(A)		Transaction(s)			
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Stock	05/09/2013		S	526	D	\$ 42.55	27,338	D		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						`
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable Date	Title	Number			
						Lacroisdoic	ouere Duite	of			
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Maine / Address	

Director 10% Owner Officer Other

Bailey Doug

14963 KENNEDY ROAD VP Marketing

LOS GATOS, CA 95032

Signatures

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

05/10/2013

**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).

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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