BALAKRISHNAN BALU

Form 4

February 17, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

January 31, 2005

0.5

Estimated average burden hours per

response...

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

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

POWER INTEGRATIONS INC

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

Symbol

[DOW/I]

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

BALAKRISHNAN BALU

				[POWI]					(I II II II II I			
	(Last) 5245 HELL	(First) YER AVE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/16/2010				Director 10% OwnerX Officer (give title Other (specify below) President and CEO				
(Street) SAN JOSE, CA 95138				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 Form filed by More than One Reporting			
		C/1 /5/150		2) 3. Date of Earliest Transaction (Month/Day/Year) 02/16/2010								
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned											ly Owned	
	1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Yea	r) Executio any	n Date, if	Transaction Code (Instr. 8)	on(A) or Di (Instr. 3,	ispose 4 and (A) or	d of (D) 5)	Securities Beneficially Owned Following Reported Transaction(s)	Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
	Common Stock	02/16/2010			M	3,000	A		273,465	I	by Trust	
	Common Stock	02/16/2010			S	3,000	D	35.084	270,465	I	by Trust	
	Common Stock								12,959	D		
	Common Stock								21,023	I	By Trust Yngst Son	
									21,023	I		

Common Stock

Trust for Eldst Son

(2)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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)	4. Transaction Code (Instr. 8)	5. Number on Derivative Securities Acquired (A) or Disposed of (D)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Securi (Instr. 3 and 4)	
			Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Non-Qualified Stock Option (right to buy)	\$ 12.1	02/16/2010	M	3,000 (3)	05/31/2001	05/31/2011	Common Stock	3,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BALAKRISHNAN BALU 5245 HELLYER AVE SAN JOSE, CA 95138

President and CEO

Signatures

By: /s/ Bill Roeschlein Attorney-In-Fact For: Balu Balakrishnan

02/17/2010

**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 \$34.93 to \$35.21. 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.

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- The Reporting Person disclaims beneficial ownership of the shares held by the trust except to the extent of his pecuniary interest therein,
- (2) and this report should not be deemed an admission that the Reporting Person is the beneficial owner of the trust's shares for purposes of Section 16 or for any other purpose.
- (3) 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.