BALAKRISHNAN BALU Form SC 13G January 30, 2007

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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. __)*

Power Integrations, Inc.

(Name of Issuer)

Common Stock, par value \$0.001 per share

(Title of Class of Securities)

739276103

(CUSIP Number) December 31, 2006

(Date of Event Which Requires Filing of This Statement)

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Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- " Rule 13d-1(b)
- " Rule 13d-1(c)
- x Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page. The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. <u>739276103</u>

1. Name of Reporting Persons

Balu Balakrishnan

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 (a) "
 (b) "
- 3. SEC USE ONLY
- 4. Citizenship or Place of Organization

United States

Number of	5.	Sole Voting Power:
Shares	6.	1,701,848 Shared Voting Power:
Beneficially		0
Owned by	7.	Sole Dispositive Power:
Each	8.	1,701,848 Shared Dispositive Power:
Reporting		0

Person

With:

9. Aggregate Amount Beneficially Owned by Each Reporting Person

1,701,848

- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
- 11. Percent of Class Represented by Amount in Row (9)

5.7

12. Type of Reporting Person (See Instructions)

IN

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Item 1.	(a)	Name of Issuer		
		Power Integrations, Inc.		
	(b)	Address of Issuer s Principal Executive Offices		
		5245 Hellyer Avenue		
		San Jose, California 95138		
Item 2.	(a)	Name of Person Filing		
		Balu Balakrishnan		
	(b)	Address of Principal Business Office or, if none, Residence		
		c/o Power Integrations, Inc.		
		5245 Hellyer Avenue		
		San Jose, California 95138		
	(c)	Citizenship		
		United States		
	(d)	Title of Class of Securities		
		Common Stock, par value \$0.001 per share		
	(e)	CUSIP Number		
		739276103		
Item 3.	If this st	statement is filed pursuant to §§240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:		
	(a)	" Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780);		
	(b)	" Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);		
	(c)	" Insurance company as defined in section 3(a)19) of the Act (15 U.S.C. 78c);		
	(d)	" Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);		
	(e)	" An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);		
	(f)	" An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);		
	(g)	" A parent holding company or control person in accordance with §240.13d-1(b)(ii)(G);		
	(h)	" A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);		
	(i)	A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);		
	(j)	" Group, in accordance with §240.13d-1(b)(1)(ii)(J)		

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Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount Beneficially Owned: 1,701,848*
- (b) Percent of Class: 5.7
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote 1,701,848
 - (ii) Shared power to vote or to direct the vote 0
 - (iii) Sole power to dispose or to direct the disposition of 1,701,848
 - (iv) Shared power to dispose or to direct the disposition of 0
- * Excludes options to acquire 46,756 shares which will not become exercisable until 2008.

Item 5. Ownership of Five Percent or Less of a Class

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group

Not applicable.

Item 9. Notice of Dissolution of a Group

Not applicable.

Item 10. Certification

Not applicable.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

January 24, 2007 Date

/s/ Balu Balakrishnan Signature

Balu Balakrishnan / President and Chief Executive Officer Name/Title

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