FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL								
OMB Number:	3235-0287							
Estimated average burden								
hours per response:	0.5							

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* Hsing Michael (Last) (First) (Middle) 79 GREAT OAKS BLVD (Street) SAN JOSE CA 95119						2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR] 3. Date of Earliest Transaction (Month/Day/Year) 11/06/2012 4. If Amendment, Date of Original Filed (Month/Day/Year) 11/06/2012									Relationship of Reporting Person(s) to Issuer Check all applicable) X Director 10% Owner X Officer (give title Other (specify below) CEO Individual or Joint/Group Filing (Check Applicable ine) X Form filed by One Reporting Person Form filed by More than One Reporting					
(City)	(Sta	ate) (Z	ľip)													Pers	,	e uiai	ii Olie Nep	Johns
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day)					y/Year)	Execution Date,			3. Transaction Code (Instr. 8) 4. Securities Ac Disposed Of (Diand 5)							5. Amount of Securities Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
									Code	v	Amount	(A (D) or)	Price		Repor Trans	Reported Transaction(s) Instr. 3 and 4)		4)	(mau. 1)
Common Stock 11/06					012				S ⁽¹⁾		717		D \$19		0.45 665,543		65,543		D	
	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)	Execuif any	xecution Date, any Month/Day/Year)		4. Fransaction Code (Instr. 3)		mber ative rities ired cosed . 3, 4	6. Date Exercisable and Expiration Date (Month/Day/Year) Date Exercisable Expiration Date			7. Titl Amou Secur Unde Deriv Secur 3 and	3	8. Price of Derivative Security (Instr. 5)		9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		0. Ownership orm: birect (D) r Indirect) (Instr.)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	

Explanation of Responses:

1. Shares sold to pay tax obligations resulting from the vesting of restricted stock units.

Remarks:

This form is amended to correct the Form 4 filed on November 6, 2012. Due to an inadvertent technical error by E-Trade, the number of shares sold to pay the withholding taxes associated with the vesting of restricted stock was incorrectly reported. This form is amended to correct the number of shares sold.

By: Saria Tseng For: Michael Hsing 12

12/04/2012

** Signature of Reporting Person

Date

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

- * 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.

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 Number.