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

Ti Hamb and Hadrood of Hopotang Follows					10M	2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [ MPWR ]									heck a	tionship of Reporting all applicable) Director Officer (give title below) Sr. V.P.of Sales a		10%	o Issuer  Owner er (specify
` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '						3. Date of Earliest Transaction (Month/Day/Year) 11/06/2012									X			belo	w)
(Street) SAN JOS (City)	SAN JOSE CA 95119					4. If Amendment, Date of Original Filed (Month/Day/Year) 11/06/2012									Individue) X	ividual or Joint/Group Filing (Check Applicable  Form filed by One Reporting Person  Form filed by More than One Reporting  Person			
		Table	e I - N	lon-Deriv	ative S	ecu	rities	Acc	quired,	Dis	posed o	f, or I	3ene	eficia	ılly C	)wne	ed		
1. Title of Security (Instr. 3)  2. Transactic Date (Month/Day/					//Year) i	Execution Date,			3. Transaction Code (Instr. 8)  4. Securities Acquire Disposed Of (D) (Instrance of the control							Securities Beneficially Owned		6. Ownershi Form: Direc (D) or Indirect (I) (Instr. 4)	
									Code	v	Amount	(A (D	) or )	Price	Repo			,	
Common Stock 11/06					2012				<b>S</b> <sup>(1)</sup>		227		D	\$19.45		115,506		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)	e Conversion Date or Exercise (Month/Day/Year) if any			ransaction of Deriva Securi (A) or Dispo of (D) (Instr. and 5)			6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Exercisable Expiration Date			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)  Amoun or Numbe of Title Shares		ount	8. Price of Derivative Security (Instr. 5)		9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownersh Form: Direct (D or Indire (I) (Instr. 4)	Beneficial Ownership		

## 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: Maurice Sciammas

12/04/2012

\*\* Signature of Reporting Person Da

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.