Hsing Michael Form 4 February 08, 2011

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction

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)

	`	,										
Name and Address of Reporting Person * Hsing Michael			2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
	(Last)	(First) (1	Middle)	3. Date of	Earliest T	raı	nsaction			_X_ Director		6 Owner
6409 GUADALUPE MINES ROAD				(Month/Day/Year) 02/08/2011						_X_ Officer (give below)	e title Oth below) CEO	er (specify
(Street)			4. If Amendment, Date Original						6. Individual or Joint/Group Filing(Check			
SAN JOSE, CA 95120				Filed(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
	(City)	(State)	(Zip)	Tabl	e I - Non-	De	rivative Se	curiti	es Acq	uired, Disposed o	f, or Beneficia	lly Owned
	1.Title of	2. Transaction Date	e 2A. Deen	ned	3.	2	4. Securities	s Acqu	iired	5. Amount of	6.	7. Nature of
	Security	(Month/Day/Year)	Execution	n Date, if	Transacti	ion((A) or Disp	osed o	f (D)	Securities	Ownership	Indirect
	(Instr. 3)		any		Code (Instr. 3, 4 and 5)				Beneficially	Form: Direct	Beneficial	
			(Month/E	oay/Year)	(Instr. 8)					Owned	(D) or	Ownership
	Common				Code V	7	Amount 153,000	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	(Instr. 4)
	COMMINION	0.000.000.000					1.7.7.(1/1/1/				_	

		Code	V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	02/08/2011	A		153,000 (1)	A	\$0	436,975	D	
Common Stock							498,566	I	By Jointly w/Spouse
Common Stock							133,040	I	By S. Hsing 04 Trust
Common Stock							133,040	I	by M Hsing 04 Trust

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

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SEC 1474

(9-02)

9. Nu Deriv Secur Bene

Follo Repo Trans (Insti

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	nte	Amou	nt of	Derivative]
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	5
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	m: 1	or		
						Exercisable	-	Title Number			
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 0	Director	10% Owner	Officer	Other			
Hsing Michael 6409 GUADALUPE MINES ROAD SAN JOSE, CA 95120	X		CEO				

Signatures

By: Saria Tseng For: Michael Hsing 02/08/2011

**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) 1/16 of the Restricted Stock Units shall vest quarterly following the Vesting Commencement Date, provided that the Grantee continues to be a Service Provider from the Grant Date through each applicable vesting date.

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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