Hsing Michael Form 4 May 07, 2008

FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

OMB APPROVAL

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January 31,

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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)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Hsing Michael Issuer Symbol MONOLITHIC POWER SYSTEMS (Check all applicable) INC [MPWR] (Last) (First) (Middle) 3. Date of Earliest Transaction _X_ Director 10% Owner _Other (specify X_ Officer (give title (Month/Day/Year) below) below) 6409 GUADALUPE MINES ROAD 05/06/2008 **CEO** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

SAN JOSE, CA 95120

(City)	(State)	(Zip) Tabl	e I - Non-D	Derivative	Secui	rities Acq	uired, Disposed o	of, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	05/06/2008		S <u>(1)</u>	200	D	\$ 23.87	20,797	I	By Jointly w/Spouse
Common Stock	05/06/2008		S(1)	100	D	\$ 23.88	20,697	I	By Jointly w/Spouse
Common Stock	05/06/2008		S(1)	400	D	\$ 23.89	20,297	I	By Jointly w/Spouse
Common Stock	05/06/2008		S(1)	100	D	\$ 23.9	20,197	I	By Jointly w/Spouse
Common Stock	05/06/2008		S(1)	300	D	\$ 23.93	19,897	I	By Jointly w/Spouse

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Common Stock	05/06/2008	S <u>(1)</u>	200	D	\$ 23.96	19,697	I	By Jointly w/Spouse
Common Stock	05/06/2008	S <u>(1)</u>	200	D	\$ 23.98	19,497	I	By Jointly w/Spouse
Common Stock	05/06/2008	S <u>(1)</u>	5,800	D	\$ 24	13,697	I	By Jointly w/Spouse
Common Stock	05/06/2008	S <u>(1)</u>	200	D	\$ 24.04	13,497	I	By Jointly w/Spouse
Common Stock						852,144	D	
Common Stock						133,040	I	By S. Hsing 04 Trust
Common Stock						133,040	I	by M Hsing 04 Trust

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

9. Nu Deriv Secu Bene Own 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 Exer	cisable and	7. Title	and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration D	ate	Amoun	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day	Year)	Underl	ying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ	ve .		Securit	ies	(Instr. 5)
	Derivative				Securities	S		(Instr. 3	3 and 4)	
	Security				Acquired	1				
	-				(A) or					
					Disposed	l				
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
							Exercisable Date	Title Number		
									of	
				Code	V (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
	X		CEO				

Reporting Owners 2 Hsing Michael 6409 GUADALUPE MINES ROAD SAN JOSE, CA 95120

Signatures

By: Adriana Chiocchi For: Michael
Hsing
05/07/2008

**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) In accordance with the reporting person's 10b5-1 trading 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.

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