Hsing Michael Form 4 May 06, 2008

### FORM 4

Check this box

if no longer

Section 16.

Form 4 or

subject to

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

Washington, D.C. 20549

# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction 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)

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 05/05/2008 **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 SAN JOSE, CA 95120 Person

(City)	(State)	(Zip) Tabl	e I - Non-D	<b>D</b> erivative	Secur	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. Transaction 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	05/05/2008		S(1)	400	D	\$ 23.66	42,297	I	By Jointly w/Spouse
Common Stock	05/05/2008		S <u>(1)</u>	300	D	\$ 23.7	41,997	I	By Jointly w/Spouse
Common Stock	05/05/2008		S <u>(1)</u>	100	D	\$ 23.74	41,897	I	By Jointly w/Spouse
Common Stock	05/05/2008		S <u>(1)</u>	100	D	\$ 23.75	41,797	I	By Jointly w/Spouse
Common Stock	05/05/2008		S <u>(1)</u>	700	D	\$ 23.76	41,097	I	By Jointly w/Spouse

**OMB APPROVAL** 

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Common Stock	05/05/2008	S <u>(1)</u>	100	D	\$ 23.77	40,997	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	400	D	\$ 23.78	40,597	I	By Jointly w/Spouse
Common Stock	05/05/2008	S(1)	200	D	\$ 23.79	40,397	I	By Jointly w/Spouse
Common Stock	05/05/2008	S(1)	300	D	\$ 23.8	40,097	I	By Jointly w/Spouse
Common Stock	05/05/2008	S(1)	100	D	\$ 23.82	39,997	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	100	D	\$ 23.83	39,897	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	500	D	\$ 23.84	39,397	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	1,300	D	\$ 23.85	38,097	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	300	D	\$ 23.86	37,797	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	500	D	\$ 23.87	37,297	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	500	D	\$ 23.88	36,797	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	900	D	\$ 23.89	35,897	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	200	D	\$ 23.9	35,697	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	100	D	\$ 23.91	35,597	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	100	D	\$ 23.92	35,497	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	400	D	\$ 23.93	35,097	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	400	D	\$ 23.94	34,697	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	200	D	\$ 23.95	34,497	I	By Jointly w/Spouse
Common Stock	05/05/2008	S(1)	300	D	\$ 23.96	34,197	I	By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	200	D	\$ 23.97	33,997	I	By Jointly w/Spouse
	05/05/2008	S(1)	100	D		33,897	I	

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Common Stock					\$ 23.98			By Jointly w/Spouse
Common Stock	05/05/2008	S <u>(1)</u>	5,800	D	\$ 24	28,097	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.

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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)

Derivative Conversion	(Month/Day/Year)	Execution Date, if					A		D
Security or Everence		onv	Transactio		Expiration Da		Amou		Derivative
Security or Exercise (Instr. 3) Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		rear)	Under Securi (Instr.	, ,	Security (Instr. 5)
				4, and 5)					
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

## **Reporting Owners**

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

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## **Signatures**

By: Adriana Chiocchi For: Michael U5/06/2008

\*\*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.

Signatures 4