MONOLITHIC POWER SYSTEMS INC Form 4 August 13, 2008 OMB APPROVAL FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 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 X_Officer (give title Other (specify (Month/Day/Year) below) below) 19850 LANARK LANE 08/12/2008 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 SARATOGA, CA 95070 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect Form: Direct (Instr. 3) anv Code (Instr. 3, 4 and 5) Beneficially Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common By Jointly \$ S⁽¹⁾ 08/12/2008 200 D 688,097 I 27.92 Stock w/Spouse Common By Jointly S⁽¹⁾ 08/12/2008 100 D 687,997 I 27.93 Stock w/Spouse Common By Jointly S⁽¹⁾ 100 08/12/2008 D I 687,897 27.94 Stock w/Spouse Common By Jointly S⁽¹⁾ 08/12/2008 200 D 687,697 I 27 97 Stock w/Spouse Common By Jointly 08/12/2008 S⁽¹⁾ 100 D 687,597 I 27.98 Stock w/Spouse

Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 27.99	687,497	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28	687,397	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.01	687,297	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.05	687,197	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.06	687,097	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.1	686,997	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	200	D	\$ 28.12	686,797	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	12	D	\$ 28.14	686,785	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.15	686,685	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	88	D	\$ 28.16	686,597	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.17	686,497	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.18	686,397	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.36	686,297	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.45	686,197	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	100	D	\$ 28.5	686,097	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S <u>(1)</u>	200	D	\$ 28.77	685,897	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S	400	D	\$ 27.48	685,497	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S	600	D	\$ 27.49	684,897	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S	2,596	D	\$ 27.5	682,301	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S	2,000	D	\$ 27.6	680,301	Ι	By Jointly w/Spouse
	08/12/2008	S	4,000	D		676,301	Ι	

Common Stock					\$ 27.65			By Jointly w/Spouse
Common Stock	08/12/2008	S	4,796	D	\$ 27.7	671,505	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S	600	D	\$ 27.71	670,905	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S	302	D	\$ 27.73	670,603	Ι	By Jointly w/Spouse
Common Stock	08/12/2008	S	1,583	D	\$ 27.74	669,020	Ι	By Jointly w/Spouse

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

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 control number.

 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)	4. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Securi (Instr.	int of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

08/13/2008

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
Hsing Michael 19850 LANARK LANE SARATOGA, CA 95070	Х		CEO				
Signatures							

**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.