

Hsing Michael
Form 4
September 13, 2007

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
Form 5
obligations
may continue.
See Instruction
1(b).

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

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

OMB APPROVAL

OMB
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(Print or Type Responses)

1. 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) (Middle)
6409 GUADALUPE MINES ROAD
(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
09/12/2007

☐ Director ☐ 10% Owner
☒ Officer (give title below) ☐ Other (specify below)
CEO

SAN JOSE, CA 95120

4. If Amendment, Date Original
Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check
Applicable Line)
☐ Form filed by One Reporting Person
☐ Form filed by More than One Reporting
Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D) Price			
Common Stock	09/12/2007		S ⁽¹⁾		300	D \$ 21.63	236,397	I	By Jointly w/Spouse
Common Stock	09/12/2007		S ⁽¹⁾		400	D \$ 21.65	235,997	I	By Jointly w/Spouse
Common Stock	09/12/2007		S ⁽¹⁾		200	D \$ 21.66	235,797	I	By Jointly w/Spouse
Common Stock	09/12/2007		S ⁽¹⁾		300	D \$ 21.67	235,497	I	By Jointly w/Spouse
Common Stock	09/12/2007		S ⁽¹⁾		300	D \$ 21.68	235,197	I	By Jointly w/Spouse

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Common Stock	09/12/2007	<u>S(1)</u>	200	D	\$ 21.69	234,997	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	501	D	\$ 21.7	234,496	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	299	D	\$ 21.71	234,197	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	300	D	\$ 21.72	233,897	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	500	D	\$ 21.73	233,397	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	700	D	\$ 21.74	232,697	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	900	D	\$ 21.75	231,797	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	300	D	\$ 21.76	231,497	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	700	D	\$ 21.77	230,797	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	300	D	\$ 21.78	230,497	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	600	D	\$ 21.79	229,897	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	700	D	\$ 21.8	229,197	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	500	D	\$ 21.81	228,697	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	300	D	\$ 21.82	228,397	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	200	D	\$ 21.83	228,197	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	200	D	\$ 21.85	227,997	I	By Jointly w/Spouse
Common Stock	09/12/2007	<u>S(1)</u>	100	D	\$ 21.87	227,897	I	By Jointly w/Spouse
Common Stock						822,144	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 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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(9-02)

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 6)
				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 SAN JOSE, CA 95120	X		CEO	

Signatures

Michael Hsing 09/13/2007

__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.

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