MONOLITHIC POWER SYSTEMS INC

Form 4 July 17, 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

Form 5 obligations

may continue. See Instruction

SECURITIES

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Moyer James C

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

below)

MONOLITHIC POWER SYSTEMS INC [MPWR]

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(Last) (First) (Middle)

(Street)

(Month/Day/Year)

X Director 10% Owner Other (specify X_ Officer (give title

6409 GUADALUPE MINES ROAD 07/17/2008

Chief IC Design Engineer 6. Individual or Joint/Group Filing(Check

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

3. Date of Earliest Transaction

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

SAN JOSE, CA 95120

(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. Transactic Code (Instr. 8)	(A) or			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	07/17/2008		S(1)	700	D	\$ 23.99	58,813	I	by Moyer FamilyTrust	
Common Stock	07/17/2008		S(1)	100	D	\$ 23.995	58,713	I	by Moyer FamilyTrust	
Common Stock	07/17/2008		S <u>(1)</u>	900	D	\$ 24	57,813	I	by Moyer FamilyTrust	
Common Stock	07/17/2008		S(1)	200	D	\$ 24.01	57,613	I	by Moyer FamilyTrust	
Common Stock	07/17/2008		S(1)	200	D	\$ 24.02	57,413	I	by Moyer FamilyTrust	

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Common Stock	07/17/2008	S <u>(1)</u>	100	D	\$ 24.0225	57,313	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S(1)	200	D	\$ 24.03	57,113	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	303	D	\$ 24.08	56,810	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	600	D	\$ 24.09	56,210	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	200	D	\$ 24.11	56,010	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	100	D	\$ 24.115	55,910	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	100	D	\$ 24.13	55,810	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	100	D	\$ 24.14	55,710	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	400	D	\$ 24.16	55,310	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	200	D	\$ 24.17	55,110	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	100	D	\$ 24.1775	55,010	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	200	D	\$ 24.18	54,810	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	100	D	\$ 24.2	54,710	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	100	D	\$ 24.22	54,610	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	150	D	\$ 24.26	54,460	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	100	D	\$ 24.3	54,360	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	200	D	\$ 24.31	54,160	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	150	D	\$ 24.37	54,010	I	by Moyer FamilyTrust
Common Stock	07/17/2008	S <u>(1)</u>	300	D	\$ 24.4	53,710	I	by Moyer FamilyTrust
Common Stock						890,569	D	
						518,504	I	

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Common By Jointly Stock w/Spouse

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

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SEC 1474

(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)	4. Transact Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			7. Title Amoun Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secun Bene Owne Follo Repo Trans (Instr
			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

Moyer James C

6409 GUADALUPE MINES ROAD X Chief IC Design Engineer

SAN JOSE, CA 95120

Signatures

By: Saria Tseng For: James
Moyer

07/17/2008

**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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