MONOLITHIC POWER SYSTEMS INC

Form 4 May 02, 2008

FORM 4

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

OMB Number:

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

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

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OMB APPROVAL

3235-0287

January 31,

Form 5 obligations may continue. 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 Moyer James C 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) 6409 GUADALUPE MINES ROAD 05/01/2008 Chief IC Design Engineer (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) Tab	ole I - Non-	Derivativ	e Seci	ırities Ac	quired, Disposed	of, or Benefi	cially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)		5. Amount of 6. Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)	,	
Common Stock	05/01/2008		S(1)	100	D	\$ 23.35	173,610	I	by Moyer FamilyTrust
Common Stock	05/01/2008		S <u>(1)</u>	100	D	\$ 23.37	173,510	I	by Moyer FamilyTrust
Common Stock	05/01/2008		S <u>(1)</u>	100	D	\$ 23.39	173,410	I	by Moyer FamilyTrust
Common Stock	05/01/2008		S <u>(1)</u>	200	D	\$ 23.4	173,210	I	by Moyer FamilyTrust
Common Stock	05/01/2008		S <u>(1)</u>	200	D	\$ 23.46	173,010	I	by Moyer FamilyTrust

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Common Stock	05/01/2008	S <u>(1)</u>	100	D	\$ 23.49	172,910	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	600	D	\$ 23.53	172,310	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S(1)	200	D	\$ 23.56	172,110	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	100	D	\$ 23.58	172,010	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	100	D	\$ 23.59	171,910	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	200	D	\$ 23.62	171,710	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	100	D	\$ 23.67	171,610	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	250	D	\$ 23.68	171,360	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	100	D	\$ 23.69	171,260	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	100	D	\$ 23.74	171,160	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	400	D	\$ 23.75	170,760	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	300	D	\$ 23.76	170,460	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	400	D	\$ 23.77	170,060	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	300	D	\$ 23.78	169,760	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	1,800	D	\$ 23.79	167,960	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	200	D	\$ 23.8	167,760	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	300	D	\$ 23.81	167,460	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	550	D	\$ 23.82	166,910	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S(1)	300	D	\$ 23.83	166,610	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	200	D	\$ 23.84	166,410	I	by Moyer FamilyTrust
	05/01/2008	S <u>(1)</u>	100	D		166,310	I	

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Common Stock					\$ 23.86			by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	200	D	\$ 23.87	166,110	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	200	D	\$ 23.88	165,910	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	200	D	\$ 23.89	165,710	I	by Moyer FamilyTrust
Common Stock	05/01/2008	S <u>(1)</u>	300	D	\$ 23.9	165,410	I	by Moyer FamilyTrust

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.

SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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 Exerc	cisable and	7. Tit	le and	8. Price of	Ç
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	ınt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)]
	Derivative				Securities			(Instr	3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	TP:41	or		
						Exercisable	Date	Title	Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
.,	Director	10% Owner	Officer	Other			
Moyer James C 6409 GUADALUPE MINES ROAD SAN JOSE, CA 95120	X		Chief IC Design Engineer				

Signatures

By: Rick Neely For: James	05/02/2008
Moyer	03/02/2000

Reporting Owners 3

**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