#### MONOLITHIC POWER SYSTEMS INC

Form 4

November 13, 2007

## FORM 4

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

OMB Number: 3235-0287

Estimated average

**OMB APPROVAL** 

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

Form 4 or 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

burden hours per response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Moyer James C			2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			MONOLITHIC POWER SYSTEMS INC [MPWR]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	_X_ Director 10% Owner		
6409 GUADALUPE MINES ROAD		IES ROAD	(Month/Day/Year) 11/09/2007	_X_ Officer (give title Other (specify below) 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		
SAN JOSE, CA 95120				Form filed by More than One Reportin		

(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)	4. Securion(A) or D (Instr. 3,	ispose 4 and (A) or	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	11/09/2007		S(1)	100	D	\$ 19.79	237,210	I	by Moyer FamilyTrust		
Common Stock	11/09/2007		S(1)	100	D	\$ 19.96	237,110	I	by Moyer FamilyTrust		
Common Stock	11/09/2007		S(1)	100	D	\$ 19.97	237,010	I	by Moyer FamilyTrust		
Common Stock	11/09/2007		S(1)	200	D	\$ 20	236,810	I	by Moyer FamilyTrust		
Common Stock	11/09/2007		S <u>(1)</u>	100	D	\$ 20.01	236,710	Ι	by Moyer FamilyTrust		

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Common Stock	11/09/2007	S <u>(1)</u>	250	D	\$ 20.05	236,460	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S <u>(1)</u>	100	D	\$ 20.06	236,360	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S <u>(1)</u>	550	D	\$ 20.17	235,810	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S <u>(1)</u>	450	D	\$ 20.18	235,360	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S <u>(1)</u>	100	D	\$ 20.2	235,260	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S <u>(1)</u>	200	D	\$ 20.21	235,060	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S <u>(1)</u>	300	D	\$ 20.22	234,760	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S(1)	300	D	\$ 20.25	234,460	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S(1)	300	D	\$ 20.26	234,160	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S(1)	300	D	\$ 20.28	233,860	I	by Moyer FamilyTrust
Common Stock	11/09/2007	S(1)	300	D	\$ 20.29	233,560	I	by Moyer FamilyTrust
Common Stock						890,569	D	
Common Stock						518,504	I	By Jointly 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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secu
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e	Securities	(Instr. 5)	Bene
	Derivative				Securities	S	(Instr. 3 and 4)		Own
	Security				Acquired				Follo
					(A) or				Repo
					Disposed				Trans
					of (D)				(Instr
					(Instr. 3,				

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4, and 5)

Date Expiration Date Expiration Title Number of Code V (A) (D)

Amount or Number of Shares

## **Reporting Owners**

Reporting Owner Name / Address

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 11/13/2007

\*\*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. 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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