MONOLITHIC POWER SYSTEMS INC

Form 4

August 11, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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 * Sciammas Maurice			2. Issuer Name and 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 (Month/Day/Year)	Director 10% Owner Other (specify			
201 FORRESTER (Street)			08/11/2008	below) Sr. V.P.of Sales and Marketing 6. Individual or Joint/Group Filing(Check			
			4. If Amendment, Date Original				
LOS GATOS,	, CA 95032		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

							1 013011				
(City)	(State)	(Zip) Tabl	ole 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. 4. Securities Transaction(A) or Dispo Code (Instr. 3, 4 a (Instr. 8)			d of (D) 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)		
Common Stock	08/11/2008		Code V S	Amount 200	(D)	Price \$ 28.08	170,734	I	by Family Trust (1)		
Common Stock	08/11/2008		S	100	D	\$ 28.1	170,634	I	by Family Trust (1)		
Common Stock	08/11/2008		S	1,400	D	\$ 28.12	169,234	I	by Family Trust (1)		
Common Stock	08/11/2008		S	100	D	\$ 28.16	169,134	I	by Family Trust (1)		
Common Stock	08/11/2008		S	400	D	\$ 28.17	168,734	I	by Family Trust (1)		

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Common Stock	08/11/2008	S	1,579	D	\$ 28.18	167,155	I	by Family Trust (1)
Common Stock	08/11/2008	S	3,369	D	\$ 28.2	163,786	I	by Family Trust (1)
Common Stock	08/11/2008	S	200	D	\$ 28.21	163,586	I	by Family Trust (1)
Common Stock	08/11/2008	S	3,400	D	\$ 28.22	160,186	I	by Family Trust (1)
Common Stock	08/11/2008	S	700	D	\$ 28.23	159,486	I	by Family Trust (1)
Common Stock	08/11/2008	S	762	D	\$ 28.24	158,724	I	by Family Trust (1)
Common Stock	08/11/2008	S	948	D	\$ 28.25	157,776	I	by Family Trust (1)
Common Stock	08/11/2008	S	100	D	\$ 28.25	157,676	I	by Family Trust (1)
Common Stock	08/11/2008	S	200	D	\$ 28.26	157,476	I	by Family Trust (1)
Common Stock	08/11/2008	S	800	D	\$ 28.27	156,676	I	by Family Trust (1)
Common Stock	08/11/2008	S	2,515	D	\$ 28.28	154,161	I	by Family Trust <u>(1)</u>
Common Stock	08/11/2008	S	2,400	D	\$ 28.29	151,761	I	by Family Trust (1)
Common Stock	08/11/2008	S	2,175	D	\$ 28.3	149,586	I	by Family Trust (1)
Common Stock	08/11/2008	S	1,125	D	\$ 28.31	148,461	I	by Family Trust (1)
Common Stock	08/11/2008	S	2,527	D	\$ 28.32	145,934	I	by Family Trust <u>(1)</u>
Common Stock						70,113	D	
Common Stock						29,671	I	byC Sciammas 04 TRST (2)
Common Stock						29,671	I	byM Sciammas 04 Trst (3)

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

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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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Tit	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	rities	(Instr. 5)	Bene
	Derivative				Securities			(Instr	. 3 and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	m: 1	or		
						Exercisable	Date	Title	Number		
				C 1 W	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Sciammas Maurice

201 FORRESTER Sr. V.P.of Sales and Marketing

LOS GATOS, CA 95032

Signatures

By: Adriana Chiocchi For: Maurice Sciammas 08/11/2008

**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) Shares held by Sciammas Family Living Trust, Maurice Sciammas and Christina Sciammas, Trustees
- (2) Shares held by Christina Sciammas 2004 Trust, Christina Sciammas and Maurice Sciammas, Trustees
- (3) Shares held by Maurice Sciammas 2004 Trust, Maurice Sciammas and Christina Sciammas, Trustees

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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