

MONOLITHIC POWER SYSTEMS INC  
 Form 4  
 August 11, 2008

**FORM 4**

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Sciammas Maurice

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)  
 201 FORRESTER  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 08/11/2008

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Sr. V.P. of Sales and Marketing

LOS GATOS, CA 95032

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)
				(A) or (D) Code V Amount Price			
Common Stock	08/11/2008		S	200 D \$ 28.08	170,734	I	by Family Trust <sup>(1)</sup>
Common Stock	08/11/2008		S	100 D \$ 28.1	170,634	I	by Family Trust <sup>(1)</sup>
Common Stock	08/11/2008		S	1,400 D \$ 28.12	169,234	I	by Family Trust <sup>(1)</sup>
Common Stock	08/11/2008		S	100 D \$ 28.16	169,134	I	by Family Trust <sup>(1)</sup>
Common Stock	08/11/2008		S	400 D \$ 28.17	168,734	I	by Family Trust <sup>(1)</sup>

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

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

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SEC 1474  
(9-02)

**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 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 Owned Following Reporting Transaction (Instr. 6)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Sciammas Maurice 201 FORRESTER LOS GATOS, CA 95032			Sr. V.P.of Sales and Marketing	

## Signatures

By: Adriana Chiocchi For: Maurice Sciammas  
Date: 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.

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