Sciammas Maurice Form 4 April 08, 2013

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

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5. Relationship of Reporting Person(s) to

Issuer

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction

1. Name and Address of Reporting Person *

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

2. Issuer Name and Ticker or Trading

MONOLITHIC POWER SYSTEMS

Symbol

1(b).

(Print or Type Responses)

Sciammas Maurice

				MONOLITHIC POWER SYSTEMS INC [MPWR]				STEMS	(Check all applicable)				
(Last) (First) (Middle) 79 GREAT OAKS BLVD										Director 10% Owner Section Officer (give title Other (specify below) Sr. V.P.of Sales and Marketing			
(Street)				Filed(Month/Day/Year)						6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
	SAN JOSE	Ī						Person					
	(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned											lly Owned	
	1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deem Execution any (Month/Da	Date, if	3. Transac Code (Instr. 8	8)	4. Securit oner Dispos (Instr. 3, 4	ed of (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	04/04/2013			M(1)		35,895	A	\$ 8.9 (2)	186,043	D		
	Common Stock	04/04/2013			S(1)		35,895	D	\$ 22.5803 (3)	150,148	D		
	Common Stock									44,004	I	by Family Trust	
	Common Stock									14,371	I	byC Sciammas 04 TRST	
										14,371	I		

Common byM
Stock Sciammas
04 Trst

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		A) d of	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amo Underlying Secu (Instr. 3 and 4)	
				Code V	(A) (D		Date Exercisable	Expiration Date	Title	An or Nu of
Non-Qualified Stock Option	\$ 9.32 (2)	04/04/2013		M <u>(1)</u>	35,8	395	06/15/2006	06/15/2015	Common Stock	35

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			

Sciammas Maurice

79 GREAT OAKS BLVD Sr. V.P.of Sales and Marketing

SAN JOSE, CA 95119

Signatures

(right to buy)

By: Saria Tseng For: Maurice Sciammas 04/08/2013

**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.
- On December 11, 2012, the Company's Board declared a special cash dividend of \$1.00 per common share, which was paid on December 28, 2012 to all shareholders of record as of the close of business on December 21, 2012. The Board approved a modification whereby each outstanding option as of December 28, 2012 was increased by a ratio of 1.0471 with a corresponding reduction in the exercise price.

Reporting Owners 2

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The price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line (3) range from \$22.34 to \$23.75. The reporting person undertakes to provide, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.

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.