Sciammas Maurice Form 4 March 04, 2013

FORM 4

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

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

Sciammas Maurice

MONOLITHIC POWER SYSTEMS INC [MPWR]

(Check all applicable)

(Last)

(First) (Middle) 3. Date of Earliest Transaction

Director 10% Owner X_ Officer (give title Other (specify

(Month/Day/Year)

below)

02/28/2013

below)

Sr. V.P.of Sales and Marketing

4. If Amendment, Date Original 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 Person

SAN JOSE, CA 95119

79 GREAT OAKS BLVD

(City) (State) (Zip)

(Street)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Owned

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial

Ownership (I) (Instr. 4) (Instr. 4)

(Month/Day/Year)

(Instr. 8)

(Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

Following Reported Transaction(s)

(Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form 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

Conversion or Exercise

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

5. Number 4. Transaction Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amour Underlying Securit (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Non-Qualified Stock Option (right to buy)	\$ 8.9	02/28/2013		A	956 (1)	12/28/2012	06/15/2015	Common Stock	95
Non-Qualified Stock Option (right to buy)	\$ 8.9	02/28/2013		A	3,043 (1)	12/28/2012	06/15/2015	Common Stock	3,0
Non-Qualified Stock Option (right to buy)	\$ 11.31	02/28/2013		A	1,882 (1)	12/28/2012	10/26/2016	Common Stock	1,8
Non-Qualified Stock Option (right to buy)	\$ 14.89	02/28/2013		A	1,103 (1)	12/28/2012	02/08/2015	Common Stock	1,1
Non-Qualified Stock Option (right to buy)	\$ 15.03	02/28/2013		A	4,235 (1)	12/28/2012	10/28/2015	Common Stock	4,2
Non-Qualified Stock Option (right to buy)	\$ 17.92	02/28/2013		A	2,682 (1)	12/28/2012	08/03/2014	Common Stock	2,6

Reporting Owners

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

Sciammas Maurice 79 GREAT OAKS BLVD SAN JOSE, CA 95119

Sr. V.P.of Sales and Marketing

Signatures

By: Saria Tseng For: Maurice Sciammas 03/04/2013

**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).

Reporting Owners 2

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(1) Equitable stock dividend adjustment approved by the Board of Director as a result of dividend Payment to shareholders on December 28, 2012. Stock will vest according to the same vesting schedule as the original grants.

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.