

Sciammas Maurice
Form 4
May 08, 2013

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)
79 GREAT OAKS BLVD
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
05/07/2013

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

SAN JOSE, CA 95119

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V | Amount | (D) | Price |
| Common Stock | 05/07/2013 | | S ⁽¹⁾ | | 696 | D | \$ 24.24 113,061 |
| Common Stock | 05/08/2013 | | S ⁽¹⁾ | | 1,697 | D | \$ 24.1012 111,364 |
| Common Stock | 05/08/2013 | | A | | 151 ⁽²⁾ | A | \$ 0 111,515 |
| Common Stock | 05/08/2013 | | S ⁽¹⁾ | | 81 | D | \$ 24.1 111,434 |
| Common Stock | | | | | | | 44,004 I by Family Trust |

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- (1) Shares sold to pay tax obligations resulting from the vesting of restricted stock units.
- (2) Equitable stock dividend adjustment approved by the Board of Director as a result of dividend Payment to shareholders on December 28, 2012. Stock dividends will release 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.

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