

Sciammas Maurice  
Form 4  
June 20, 2011

# 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)  
6409 GUADALUPE MINES ROAD  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
06/20/2011

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

SAN JOSE, CA 95120

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)                                                        | Price                                                                                         |                                                          |                                                       |   |                                      |
|                                 |                                      |                                                    |                                | Code                                                              | V                                                                                             | Amount                                                   |                                                       |   |                                      |
| Common Stock                    | 06/20/2011                           |                                                    | S <sup>(1)</sup>               | 885                                                               | D                                                                                             | \$<br>14.27<br><u>(2)</u>                                | 85,314                                                | I | by Family Trust <sup>(3)</sup>       |
| Common Stock                    | 06/20/2011                           |                                                    | S <sup>(1)</sup>               | 350                                                               | D                                                                                             | \$<br>14.27<br><u>(2)</u>                                | 20,471                                                | I | by C Sciammas 04 TRST <sup>(4)</sup> |
| Common Stock                    | 06/20/2011                           |                                                    | S <sup>(1)</sup>               | 350                                                               | D                                                                                             | \$<br>14.27<br><u>(2)</u>                                | 20,471                                                | I | by M Sciammas 04 Trst <sup>(5)</sup> |
| Common Stock                    |                                      |                                                    |                                |                                                                   |                                                                                               |                                                          | 115,658                                               | D |                                      |



## Edgar Filing: Sciammas Maurice - Form 4

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