

Xiao Deming  
Form 4  
February 13, 2019

**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 \*  
Xiao Deming

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)  
4040 LAKE WASHINGTON BLVD. NE, SUITE 201  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
02/11/2019

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Pres. of MPS Asia Operations

KIRKLAND, WA 98033

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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	02/11/2019		A	V	74,331 (1)	A	\$ 30 389,020 D
Common Stock	02/12/2019		S(2)	D	\$ 21,308 130.6571	D	
Common Stock						I	by Spouse

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)

Table with 10 columns: 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 Beneficially Owned (Instr. 6). Sub-headers for Date Exercisable and Expiration Date include Date Exercisable and Expiration Date. A sub-header for Number of Derivative Securities includes Amount or Number of Shares.

Reporting Owners

Table with 2 columns: Reporting Owner Name / Address, Relationships. Reporting Owner Name / Address: Xiao Deming, 4040 LAKE WASHINGTON BLVD. NE, SUITE 201, KIRKLAND, WA 98033. Relationships: Director, 10% Owner, Officer, Other. Specific relationship listed: Pres. of MPS Asia Operations.

Signatures

By: Saria Tseng For: Deming Xiao Date: 02/13/2019

\*\*Signature of Reporting Person Date

Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
\*\*(1) Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
On February 7, 2017, the reporting person was granted a target of 28,589 shares of restricted stock units, with the right to earn up to 300% of the target shares, subject to satisfaction of pre-determined, performance-based vesting criteria. On February 11, 2019, the Company's Compensation Committee of the Board of Directors determined and approved the achievement of the performance criteria for the restricted stock units, which resulted in 45,742 additional shares being earned by the reporting person. Of the restricted stock units that were awarded, 37,167 will vest immediately and 37,164 will vest quarterly in the next two years.
(2) The reported sales were to cover taxes upon the vesting of restricted stock units, as required by the Company's equity incentive plans.

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.