

# MONOLITHIC POWER SYSTEMS INC

Reported by  
**XIAO DEMING**

## FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 03/02/17 for the Period Ending 02/28/17

Address	79 GREAT OAKS BLVD SAN JOSE, CA 95119
Telephone	(408) 826-0600
CIK	0001280452
Symbol	MPWR
SIC Code	3674 - Semiconductors and Related Devices
Industry	Semiconductors
Sector	Technology
Fiscal Year	12/31

# 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 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *		2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
<b>Xiao Deming</b>		<b>MONOLITHIC POWER SYSTEMS INC [ MPWR ]</b>		<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> <b>X</b> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>Pres. of MPS Asia Operations</b>	
(Last) (First) (Middle) <b>79 GREAT OAKS BLVD</b>		3. Date of Earliest Transaction (MM/DD/YYYY) <b>2/28/2017</b>			
(Street) <b>SAN JOSE, CA 95119</b>		4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)	
(City) (State) (Zip)				<input type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	(A) or (D)	Price			
Common Stock	2/28/2017		S	(1)	200	D	\$88.0756	308499	D	
Common Stock	2/28/2017		S	(1)	10419	D	\$88.0814 (2)	298080	D	
Common Stock								1226	I	by Spouse

**Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)**

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

**Explanation of Responses:**

- (1) Transaction was executed during an authorized trading window in compliance with the Company's Insider Trading Compliance Program.
- (2) The price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line range from \$88.08 to \$88.18. 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.

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>Xiao Deming</b> <b>79 GREAT OAKS BLVD</b> <b>SAN JOSE, CA 95119</b>			<b>Pres. of MPS Asia Operations</b>	

**Signatures**

By: **Saria Tseng For: Deming Xiao**

**3/2/2017**

\*\*Signature of Reporting Person

Date

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

\* 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).

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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