FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL								
OMB Number:	3235-0287							
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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

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* Xiao Deming (Last) (First) (Middle) 79 GREAT OAKS BLVD (Street) SAN JOSE CA 95119					MC [M	Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR] 3. Date of Earliest Transaction (Month/Day/Year) 11/06/2015 4. If Amendment, Date of Original Filed (Month/Day/Year)								(Check	Pres. of MPS Asia Operations Individual or Joint/Group Filing (Check Applicable lee)			
(City)	(Sta		Zip)	New Deriv	on-Derivative Securities Acquired, Disposed of, or Benef										O	- d		
Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye					n (ear)	2A. Deemed Execution Date,			3. Transaction Code (Instr.		4. Securities Acquired (ADisposed Of (D) (Instr. 35)		red (A) o	r	5. Am Secur Benet Owne	nount of rities ficially id wing	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		Reported Transaction(s) (Instr. 3 and 4)			
Common Stock 11/06/201						5			S ⁽¹⁾		3,377	D	\$63.	9121	2:	23,884	D	
Common Stock 11/09/201					15	5			S ⁽¹⁾		1,858	D	\$63.	3.8978 2		22,026	D	
Common Stock 11/09/201					15	5			S ⁽¹⁾		87	D	\$6	\$63.9		21,939	D	
Common Stock																790	I	by Spouse
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																	
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Exec if any	Deemed ution Date, / th/Day/Year)	Code	S. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		vative rities iired r osed) ·. 3, 4	6. Date Expira (Monti	ition E	Year) Securities Underlying Derivative Security (Instr 3 and 4) Amou or Numb of		t of ies ying ive y (Instr.) Amoun or Numbe	t		9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)

Explanation of Responses:

 $1. \ Shares \ sold \ to \ pay \ tax \ obligations \ resulting \ from \ the \ vesting \ of \ restricted \ stock \ units.$

By: Saria Tseng For: Deming <u>11/10/2015</u>

Xiao

** Signature of Reporting Person Date

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

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

 $^{^{\}star}$ 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).