Xiao Deming Form 4/A April 11, 2013

### FORM 4

#### OMB APPROVAL

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

Expires: January 31, 2005

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

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) 79 GREAT	3. Date of Earliest Transaction (Month/Day/Year) 08/09/2012						Director 10% OwnerX_ Officer (give title Other (specify below)  Pres. of MPS Asia Operations					
SAN JOSE,	4. If Amendment, Date Original Filed(Month/Day/Year) 08/10/2012					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(State)	(Zip)	Table	e I - No	n-D	erivative S	ecurit	ties Acq	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year	nsaction Date 2A. Deemed h/Day/Year) Execution D any (Month/Day		Code (Instr.	8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)  (A) or			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)	
Common Stock	08/09/2012			Code M(1)	V	Amount 41,329	(D)	Price \$ 8.05	51,329	I	by Spouse	
Common Stock	08/09/2012			S <u>(1)</u>		41,329	D	\$ 20.9	10,000	I	by Spouse	

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

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 control number.

SEC 1474

(9-02)

#### Edgar Filing: Xiao Deming - Form 4/A

#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Title		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate Amou		nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secur
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security	urity Acquired								Follo	
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date Ti	Title	Number		
						LACICISADIC			of		
				Code V	(A) (D)				Shares		

## **Reporting Owners**

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Xiao Deming

79 GREAT OAKS BLVD Pres. of MPS Asia Operations

SAN JOSE, CA 95119

## **Signatures**

By: Saria Tseng For: 04/11/2013 Deming Xiao

\*\*Signature of Reporting Person Date

## **Explanation of Responses:**

- 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).
- (1) In accordance with the reporting person's 10b5-1 trading plan.

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.

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