## FORM 4 Check this box if no longer

subject to Section 16. Form 4 or Form 5 obligations may continue.

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

OMB Number: 3235-0287 Expires: February 28, 2018

Estimated average burden hours per response . . . . 0.5

See Instruction 1(b). (Print or Type Responses)

(Finit of Type Responses)			107		m: 1	T 1' 0		•		- D 1	. 1	D () T		
1. Name and Address of Reporting Person*			2. Issuer Name <b>and</b> Ticker or Trading Symbol						5. Relationship of Reporting Person(s) to Issuer					
										(Check all applicable) Director 10% Owner				
Xiao, Deming				MONOLITHIC POWER SYSTEMS (MPWR)										
(Last)	(First)	(Middle)	3. Date of Earliest				4. If Amendment,				Officer (give title below)	ther (specify below)		
(=133)				Transaction Required				Date Original			•		below)	
5808 Lake Washington Blvd NE				to be Reported				Filed(Month/Day/Year) Pre			es. of MPS Asia Operations			
(Street)			(Month/Day/Year)				6. I			5. Indiv	Individual or Joint/Group Filing (Check Applicable Line)			
			11/08/2019								Form filed by One Reporting Person			
Kirkland, WA 98033								_			_ 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	2A. Deemed Execution Date, if any	3. Trans- action 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)	6. Owner-ship Form: Direct (D) or	7. Nature of Indirect Beneficial Ownership	
		(Month/ Day/ Year)	(Month/ Day/ Year)	Code	v	Amount		(A) or (D)	Price		(Instr. 3 and 4)	Indirect (I) (Instr. 4)	(Instr. 4)	
Common Stock		11/08/19		S (1)		2,3	74 I	D	\$163.	3616	327,621	D		
Common Stock											1,101	I	by Spouse	

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

<sup>\*</sup> If the form is filed by more than one reporting person, see Instruction 4(b)(v).

FORM 4 (continued)

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

(e.g. puis, cans, warrants, options, convertible securities)																
	1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	Date	Deemed Execution Date, if any	acti Coo (Instr.	ion de	Acquired (A) or		6. Date Exercisable and Expiration Date (Month/Day/Year)  7. Title and Amount of Underlying Securities (Instr. 3 and 4)		ent of urities	8. Price of Deriv- ative Secur- ity (Instr. 5)	9. Number of deriva- tive Se- curities Benefici- ally Own- ed foll- owing	10. Owner-ship Form of Derivative Security: Direct (D) or	of Indirect Benefi- cial	
				(Month/ Day/ Year)					Date Exer- cisable	Expira- tion Date	Title	Amount or Number of Shares		Reported Transac- tion(s) (Instr. 4)	Indirect (I) (Instr. 4)	(LIBUL T)
					Code	V	(A)	(D)								
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Explanation of Responses:

See continuation page(s) for footnotes

By: Saria Tseng For: Deming Xiao

\*\* Signature of Reporting Person

11/12/2019 Date

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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<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

5808 Lake Washington Blvd NE

Kirkland, WA 98033

(1) The reported sales were to cover taxes upon the vesting of restricted stock units, as required by the Company's equity incentive plans.