FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL								
OMB Number:	3235-0287							
Estimated average burden								
hours per response:	0.5							

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 ar Xiao D (Last) 79 GREA (Street) SAN JOS	MOI [MP 3. Dat 06/11	2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR] 3. Date of Earliest Transaction (Month/Day/Year) 06/11/2014 4. If Amendment, Date of Original Filed (Month/Day/Year)									Relationship of Reporting Person(s) to Issuer heck all applicable) Director 10% Owner Control of C				Owner (specify 18 Applicable					
(City)	(Sta	ate) (Z	Zip)													Form filed by More than One Reporting Person				
		Table	e I - N	lon-Deriv	ative S	Secu	rities	s Acc	uired,	Dis	posed o	f, or	Bene	ficia	lly Ow	ned				
1. Title of Security (Instr. 3) 2. Trans Date (Month/I					Execution if an		A. Deemed xecution Date, any Month/Day/Year)		Transaction Disposed Code (Instr. and 5)			rities Acquired (ed Of (D) (Instr. :			Sec Ben Owi	mount of urities eficially ed owing	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
						Code	v	Amount	(A (C	a) or	Price	Rep Tra	orted nsaction(s) tr. 3 and 4)	(msu.	4)	(111501. 4)				
Common Stock 06/11/20						014			S ⁽¹⁾	151			D	\$41.	68	6,029		I	by Spouse	
Common Stock																80,022		D		
	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)	Conversion or Exercise (Month/Day/Year) Price of Derivative Security Execution Date, if any (Month/Day/Year) 8		Code (lı	saction of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		ative rities ired sed . 3, 4	6. Date Exercisable and Expiration Date (Month/Day/Year) Date Expiration Exercisable Date			7. Title and Amount of Securities Underlying Derivative Security (Instra 3 and 4) Amount or Numb of Share		unt	8. Price of Derivativ Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ow For Dir or (I) (nership rm: ect (D) Indirect (Instr.	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 Xiao

06/12/2014

n dire eth :

** 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.

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.