FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL										
OMB Number:	3235-0287									
Estimated average burden										
noure per recoonee:	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

Name and Address of Reporting Person* Xiao Deming				2. Issuer Name and MONOLITHIC MPWR]				NC (Chec	ationship of Reporti k all applicable) Director	10% (Owner		
(Last) 79 GREAT O	(First) AKS BLVD	(Midd	· .	3. Date of Earliest To 02/11/2014	ransactio	n (Ma	onth/Day/Yea	X	Officer (give title below) Pres. of MPS	below	,		
(Street) SAN JOSE CA 95119 (City) (State) (Zip)				4. If Amendment, Da			·	Line)	Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
		Table I		ive Securities A		ed, E				1		1	
1. Title of Security (Instr. 3)			2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securitie Disposed C		red (A) or str. 3, 4 and 5)	5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership	
					Code V		Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)	
Common Stoc	k		02/11/2014		M		1,291	A	\$15.03	95,140	D		
Common Stoc	k		02/11/2014		S		1,291	D	\$34.4629(1	93,849	D		
Common Stoc	k		02/11/2014		M		1,103	A	\$14.89	94,952	D		
Common Stoc	k		02/11/2014		S		1,103	D	\$34.4629(1	93,849	D		
Common Stoc	k		02/11/2014		M		2,127	A	\$10.41	95,976	D		
Common Stoc	k		02/11/2014		S		2,127	D	\$34.4629(1	93,849	D		
Common Stoc	k		02/11/2014		M		80	A	\$10.41	93,929	D		
Common Stoc	k		02/11/2014		S		80	D	\$34.4629(1	93,849	D		
Common Stoc	k		02/13/2014		M		1,882	A	\$17.92	95,731	D		
Common Stoc	k		02/13/2014		S		1,882	D	\$34.705(2)	93,849	D		
Common Stoc	k		02/13/2014		M		2,944	Α	\$15.03	96,793	D		
Common Stoc	k		02/13/2014		S		2,944	D	\$34.705(2)	93,849	D		
Common Stoc	k		02/13/2014		S		8,560	D	\$34.9003(3	85,289	D		
Common Stoc	k									7,655	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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transact Code (In 8)		of Der Sec Acq (A) Dis of (I	ivative urities juired or posed	6. Date Exer Expiration D (Month/Day/	ate	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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non- Qualified Stock Option (right to buy)	\$10.41	02/11/2014		M			2,127	12/28/2012	12/07/2014	Common Stock	2,127	\$0.00	0	D	
Non- Qualified Stock Option (right to buy)	\$10.41	02/11/2014		M			80	12/28/2012	12/07/2014	Common Stock	80	\$0.00	0	D	
Non- Qualified Stock Option (right to buy)	\$14.89	02/11/2014		M			1,103	12/28/2012	02/08/2015	Common Stock	1,103	\$0.00	0	D	
Non- Qualified Stock Option (right to buy)	\$15.03	02/11/2014		M			1,291	12/28/2012	10/28/2015	Common Stock	1,291	\$0.00	2,944	D	
Non- Qualified Stock Option (right to buy)	\$15.03	02/13/2014		М			2,944	12/28/2012	10/28/2015	Common Stock	2,944	\$0.00	0	D	
Non- Qualified Stock Option (right to buy)	\$17.92	02/13/2014		М			1,882	12/28/2012	08/03/2014	Common Stock	1,882	\$0.00	0	D	

Explanation of Responses:

- 1. 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 \$34.405 to \$34.47. 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.
- 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 \$34.70 to \$34.74. 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.
- 3. 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 \$34.77 to \$34.995. 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.

Remarks:

By: Saria Tseng For: Deming <u>02/13/2014</u> Xiao

** 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.