FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPRO	VAL								
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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

Name and Address of Reporting Person* Hsing Michael					2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner					
					PWF	₹]							'			1-			
(Last) 79 GRE		3. Date of Earliest Transaction (Month/Day/Year) 04/01/2015										X Officer (give title Other (specify below) CEO							
	4. If /	4. If Amendment, Date of Original Filed (Month/Day/Year)										Joint/Gr	oup Filin	a (Check	Applicable				
(Street) SAN JOS	SE C.	""	- II Amendment, Date of Original Filed (Month/Day/Year)									Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person							
(City)	(S	-											Form filed by More than One Reporting Person						
		Tab	le I - Non-Deri	vative	Sec	uriti	es A	cqui	red, Di	sposed	of, o	r Ben	eficial	ly Owned	i				
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year)				2A. D Execu	2A. Deemed Execution Date, if any (Month/Day/Year)			3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 an			r	5. Amount Securities Beneficial Owned Following	t of ly	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
							de	V An	nount	(A) or (D)	Price		Reported Transactio (Instr. 3 ar	on(s)		, (,,		
Commor	Stock		04/01/2015				N	1 (1)		4,117	A	\$15.0		1,052,008		B D			
Common Stock			04/01/2015				S	S ⁽¹⁾		9,438	D	\$52.000		1,042,570		0 D			
Common Stock			04/01/2015				N	M ⁽¹⁾	7	4,154	A	\$15.03		1,116,724		4 D			
Common Stock			04/01/2015				S	S ⁽¹⁾	4	9,572	D	\$52.0151(3)		1,067,152		D			
Common Stock			04/02/2015				N	1 (1)	1	07,030	A	\$1	5.03	1,174,182		D			
Common Stock		04/02/2015				S	S ⁽¹⁾	7	1,550	D	\$52.	0021(4)	1,102,	632	D				
Common Stock													29,000		I		Ising Fam oundation		
Common Stock														133,0	040 I		by M Hsing 04 Trust		
			Table II - Der					•		posed of			-	wned		,			
Derivative Conversion Date Security or Exercise (Month/Day/Year)		3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac	4. 5. Nu Transaction of Code (Instr. Deriv			6. I Exp (Md	-			7. Title and Amount of Securities Underlying Derivative Security (Instand 4)		8. Price of Derivative Security (Instr. 5)		nber of tive ties cially I ving ted action(s)	10. Ownersl Form: Direct (I or Indire (I) (Instr 4)	Beneficia Ownersh ct (Instr. 4)		
				Code	v	(A)	(D)	Da:	te ercisable	Expiration Date	n Tit	1	Amount or lumber of Shares						
Non- Qualified Stock Option (right to buy)	\$15.03	04/01/2015		M ⁽¹⁾			14,117	7 12/	⁷ 28/2012 ⁽⁵	10/28/20		mmon tock	14,117	\$0.00		0	D		
Non- Qualified Stock Option (right to buy)	\$15.03	04/01/2015		M ⁽¹⁾			74,154	4 10/	28/2010 ⁽⁶	10/28/20		mmon tock	74,154	\$0.00	22:	5,846	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)		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) Disp	posed D) tr. 3, 4	6. Date Exerc Expiration Da (Month/Day/Y	ate	nd 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)	\$ 15.03	04/02/2015		M ⁽¹⁾			107,030	10/28/2010 ⁽⁶⁾	10/28/2015	Common Stock	107,030	\$0.00	118,816	D	

Explanation of Responses:

- 1. In accordance with the reporting person's 10b5-1 trading plan.
- 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 \$52.00 to \$52.02. 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 \$52.00 to \$52.60. 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.
- 4. 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 \$52.00 to \$52.05. 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.
- 5. Original option grant was for 14,117 shares. One-hundred percent (100%) of the Shares subject to the Option shall vest immediately. All outstanding options have fully vested.
- 6. Original option grant was for 300,000 shares. Fifty percent (50%) of the Shares subject to the Option shall vest twenty-four (24) months after the Vesting Commencement Date, and 1/48 of the Shares subject to the Option shall vest monthly thereafter on the same day of the month as the Vesting Commencement Date, subject to the Optionee continuing to be a Service Provider on such dates. All outstanding options have fully vested.

Remarks:

/s/ Saria Tseng For: Michael Hsing 04/03/2015

** 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.