Tseng Saria Form 4 May 08, 2013

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

Form 5 obligations may continue. **SECURITIES**

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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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Tseng Saria			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			MONOLITHIC POWER SYSTEMS INC [MPWR]	(Check all applicable)			
(Last) 79 GREAT OA	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/06/2013	Director 10% Owner Nother (give title Other (specify below) UP & General Counsel			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
SAN JOSE, CA 95119				Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	omr Dispo (Instr. 3,	esed of 4 and (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	05/06/2013		M	1,340	A	\$ 7.64	83,972	D	
Common Stock	05/06/2013		S	1,340	D	\$ 24.41	82,632	D	
Common Stock	05/06/2013		M	331	A	\$ 7.64	82,963	D	
Common Stock	05/06/2013		S	331	D	\$ 24.3401 (1)	82,632	D	
Common Stock	05/06/2013		M	8,660	A	\$ 7.64	91,292	D	

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Common Stock	05/06/2013	S	8,660	D	\$ 24.3401 (1)	82,632	D	
Common Stock	05/07/2013	S(2)	502	D	\$ 24.24	82,130	D	
Common Stock	05/08/2013	S(2)	1,223	D	\$ 24.1013	80,907	D	
Common Stock	05/08/2013	A	151 (3)	A	\$ 0	81,058	D	
Common Stock	05/08/2013	S(2)	58	D	\$ 24.1	81,000	D	
Common Stock						3,000	I	S.Tseng Charity Fund

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

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(9-02)

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. Transactic Code (Instr. 8)	5. Number out Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Non-Qualified Stock Option (right to buy)	\$ 7.64	05/06/2013		M	331	12/28/2012	11/17/2014	Common Stock	33
Non-Qualified Stock Option (right to buy)	\$ 8 (4)	05/06/2013		M	1,340	10/15/2005	11/17/2014	Common Stock	1,3
Non-Qualified Stock Option (right to buy)	\$ 8 (4)	05/06/2013		M	8,660	10/15/2005	11/17/2014	Common Stock	8,6

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Tseng Saria

79 GREAT OAKS BLVD VP & General Counsel

SAN JOSE, CA 95119

Signatures

Saria Tseng 05/08/2013

**Signature of Date
Reporting Person

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).
- The price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line (1) range from \$24.34 to \$24.3501. 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) Shares sold to pay tax obligations resulting from the vesting of restricted stock units.
- (3) Equitable stock dividend adjustment approved by the Board of Director as a result of dividend Payment to shareholders on December 28, 2012. Stock dividends will release according to the same vesting schedule as the original grants.
- On December 11, 2012, the Company's Board declared a special cash dividend of \$1.00 per common share, which was paid on December 28, 2012 to all shareholders of record as of the close of business on December 21, 2012. The Board approved a modification whereby each outstanding option as of December 28, 2012 was increased by a ratio of 1.0471 with a corresponding reduction in the exercise price.

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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