FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPRO	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

Sciam (Last)	mas Mau (Fi AT OAKS E SE CA	A state)	(Middle 9511) (Zip)	9	MC [ M. 3. Da 07/2 4. If	2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR]  3. Date of Earliest Transaction (Month/Day/Year) 07/29/2014  4. If Amendment, Date of Original Filed (Month/Day/Year)									S. Relationship of Reporting Person(s) to Issuer (Check all applicable)     Director 10% Owner     X Officer (give title Other (specify below) below)     Sr. V.P.of Sales and Marketing  6. 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 - Non-Deriv  1. Title of Security (Instr. 3)  2. Transactio Date (Month/Day/)						n 2A. Deemed Execution Date,			3. 4. Secur			of, or E	or	5. Amount of Securities Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
									Code	v	Amount	(A) o (D)	Price	1		orted saction(s) r. 3 and 4)			
Common Stock 07/29/2						14			М		2,682	A	\$1′	7.92		89,007	D		
Common Stock 07/					014				S		2,682	D	\$42.	.7501		86,325	D		
Common Stock															2,000	I	by Family Trust		
		Ta	able	II - Deriva (e.g., p					,		osed of convert	•		•	wnec	I			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Exec if any		4. Transaction Code (Instr. 8)				6. Date Exercis Expiration Dat (Month/Day/Ye		te	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 (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisal		Expiration Date	Title	Amour or Number of Shares	er					
Non- Qualified Stock Option (right to buy)	\$17.92	07/29/2014			M			2,682	12/28/20	12	08/03/2014	Common Stock	2,682	2	\$0.0	0	D		

Explanation of Responses:

By: Saria Tseng For: Maurice Sciammas

07/31/2014

\*\* Signature of Reporting Person Da

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

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.

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

<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).