FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL							
OMB Number:	3235-0287						
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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* Blegen Theodore						2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC MPWR									ck all app	olicable) ctor		Owner	
(Last) (First) (Middle) 79 GREAT OAKS BLVD						3. Date of Earliest Transaction (Month/Day/Year) 11/16/2017										10		(specify /)	
(Street) SAN JOS (City)	SAN JOSE CA 95119					4. If Amendment, Date of Original Filed (Month/Day/Year)									Form	vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person			
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Transactic Date (Month/Day/						Execution Date,			3. 4. Securiti Disposed Code (Instr. 8)						l Secur	ficially d	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
						Code	v	Amount	(A) or (D)		ice	Repo		(1150. 4)	(11150: 4)				
Common	017	17			S ⁽¹⁾		99	Ι	\$	120.9	4	0,884	D						
Common Stock 11/16/20)17			S ⁽¹⁾		11	I	\$	122.7	5 4	0,873	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)	erivative Conversion Date Execution Date curity or Exercise (Month/Day/Year) if any		eemed ition Date,	4. Transaction Code (Instr. 8)		5. Nu of Deriv Secu Acqu (A) o Dispe	rative rities ritied r osed)	Expiration Da (Month/Day/Y		isable and ate 'ear) Expiration	7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4) Amou or Numb of Title		8. of Do Se (In	Price f erivative ecurity nstr. 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)		

Explanation of Responses:

1. The reported sales were to cover taxes upon the vesting of restricted stock units, as required by the Company's equity incentive plans.

/s/ Saria Tseng For: Bernie

11/20/2017

** Signature of Reporting Person Date

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.

^{*} 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).