MONOLITHIC POWER SYSTEMS INC Form 3 July 25, 2016 FORM 3 UNITED STATES SECUR Was

RM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

OMB APPROVAL

OMB Number: 3235-0104 Expires: January 31, 2005 Estimated average burden hours per response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> Blegen Theodore			2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR]					
(Last)	(First)	(Middle)	07/19/2016	4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)		
79 GREAT (SAN JOSE,Â	(Street)			Director X Officer	all applicable) 10% (Other v) (specify belo CFO		 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person 		
(City)	(State)	(Zip)	Table I - I	Non-Derivat	ive Securiti	es Be	neficially Owned		
1.Title of Securi (Instr. 4)	ity		2. Amount o Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr.	*		
Common Sto	ock		48,947 <u>(1)</u>		D	Â			
Reminder: Repo owned directly o	-	ate line for ea	ch class of securities benefic	cially S	EC 1473 (7-02)			
	inform requir	nation conta ed to respo	pond to the collection of ained in this form are no nd unless the form disp MB control number.	t					
T	able II - Der	ivative Secu	rities Beneficially Owned (e.g., puts, calls.	warrants, opt	ions, c	onvertible securities)		

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative Security	Security: Direct (D) or Indirect	

Shares

(I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships					
1	Director 10% Owner		Officer	Other		
Blegen Theodore 79 GREAT OAKS BLVD SAN JOSE, CA 95119	Â	Â	CFO	Â		
Signatures						
/s/ Saria Tseng for T. Bernie Blegen	07/25/2016					
<u>**</u> Signature of Reporting Person		Date				

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).
- (1) Includes restricted stock units which vest on various dates through 12/31/2023.

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.