Hsing Michael Form 4 August 16, 2017

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Expires: January 31, 2005
Estimated average

0.5

Section 16.
Form 4 or
Form 5
obligations
may continue.

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

SECURITIES

burden hours per response...

See Instruction 1(b).

(Print or Type Responses)

1. Name and Hsing Mic	2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR]				Iss	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
(Last) (First) (Middle) 79 GREAT OAKS BLVD			3. Date of Earliest Transaction (Month/Day/Year) 08/14/2017				_	_X Director 10% Owner Other (specify below) CEO			
SAN JOSE		Filed(Month/Day/Year)					i. 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)	Tal	ole I - Non-	Derivative	e Secu	rities Acquir	ed, Disposed of, o	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deeme Execution I any (Month/Da	Date, if	3. Transactic Code (Instr. 8)	4. Securit orDisposed (Instr. 3, 4	of (D)	Price	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	08/14/2017			S(1)	18,817	D	\$ 101.9422 (2)	1,144,851	D		
Common Stock								133,040	I	by M Hsing 04 Trust	

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

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 control number.

SEC 1474

(9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Tear)	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/		Underly Securiti (Instr. 3	ying ies	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
r g	Director	10% Owner	Officer	Other			
Hsing Michael							
79 GREAT OAKS BLVD	X		CEO				
SAN JOSE, CA 95119							

Signatures

By: Bernie Blegen For: Michael

Hsing 08/16/2017

**Signature of Reporting Person Date

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).
- (1) In accordance with the reporting person's 10b5-1 trading plan.
- The price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line (2) range from \$101.27 to \$102.59. 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.

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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