Hsing Michael Form 4 May 07, 2018

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.

Expires: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

Form 4 or Form 5 obligations may continue. See Instruction

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

2. Issuer Name and Ticker or Trading

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Hsing Michael				Symbol MONOLITHIC POWER SYSTEMS INC [MPWR]					Issuer (Check all applicable)			
(Last) (First) (Middle) 79 GREAT OAKS BLVD			3. Date of Earliest Transaction (Month/Day/Year) 05/03/2018				_	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) CEO				
				Filed(Month/Day/Year)				A	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
	SAN JOSE	E, CA 95119						Form filed by More than One Reporting Person				
	(City)	(State)	(Zip)	Tal	ole I - Non	-Derivative	e Secu	rities Acqui	red, Disposed of, o	or Beneficiall	y Owned	
	1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemo Execution any (Month/Da	Date, if	Code (Instr. 3, 4 and 5) ar) (Instr. 8) (A)				r 5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
					Code V	Amount	or (D)	Price	(Instr. 3 and 4)	, ,		
	Common Stock	05/03/2018			S <u>(1)</u>	11,665	D	\$ 118.4314	1,213,124	D		
	Common Stock	05/04/2018			S <u>(1)</u>	6,916	D	\$ 122.6625	1,206,208	D		
	Common Stock								133,040	I	by M Hsing 04	

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

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Trust

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displays a currently valid OMB control number.

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		4.	5. ionNumber	6. Date Exerc		7. Tit		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Year)	execution Date, if any (Month/Day/Year)	Code (Instr. 8)	of	.		Under	rlying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	7 (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

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

Signatures

By: Saria Tseng For: Michael Hsing 05/07/2018

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

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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