

# FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

#### OMB APPROVAL

OMB Number: 3235-0287  
Expires: February 28, 2018  
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).

(Print or Type Responses)

1. Name and Address of Reporting Person*			2. Issuer Name <b>and</b> Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
<b>Hsing, Michael R.</b>			<b>MONOLITHIC POWER SYSTEMS (MPWR)</b>		<input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>CEO</b>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction Required to be Reported (Month/Day/Year) <b>11/08/2019</b>	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
<b>5808 Lake Washington Blvd NE</b>							
(Street)							
<b>Kirkland, WA 98033</b>							
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned				

1. Title of Security (Instr. 3)	2. Trans- action Date  (Month/ Day/ Year)	2A. Deemed Execution Date, if any (Month/ Day/ Year)	3. Trans- action Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Owner- ship Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Owner- ship  (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/08/19		S (1)		8,124	D	\$163.3616	1,079,709	D	
Common Stock	11/11/19		S (2)		18,387	D	\$163.9918 (3)	1,061,322	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.

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

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 control Number.

(Over)  
SEC 1474 (11-11)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date  (Month/Day/Year)	3A. Deemed Execution Date, if any  (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:  
See continuation page(s) for footnotes

**Hsing, Michael R.**

**MONOLITHIC POWER SYSTEMS (MPWR)**  
**11/08/2019**

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**5808 Lake Washington Blvd NE**

**Kirkland, WA 98033**

- (1) The reported sales were to cover taxes upon the vesting of restricted stock units, as required by the Company's equity incentive plans.**
- (2) In accordance with the reporting person's 10b5-1 trading plan.**
- (3) The price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line range from \$162.42 to \$164.37. 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.**

