

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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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).

(Print or Type Responses)

1. Name and Address of Reporting Person* Hsing, Michael R.			2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS (MPWR)				5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director _____ 10% Owner <input checked="" type="checkbox"/> Officer (give _____ Other (specify title below) below) CEO				
(Last) 4040 Lake Washington Blvd. NE, Suite 201	(First)	(Middle)	3. Date of Earliest Transaction Required to be Reported (Month/Day/Year) 10/03/2019		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 _____ Form filed by More than One Reporting Person				
(Street) Kirkland, WA 98033											
(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		10/03/19		S (1)		16,540	D	\$149.9896 (2)	1,033,156	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)
10/03/2019**

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Kirkland, WA 98033

- (1) In accordance with the reporting person's 10b5-1 trading plan.**
- (2) 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 \$147.41 to \$151.11. 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.**

