

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

☐ 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)

OMB APPROVAL

OMB Number: 3235-0287
Expires: February 28, 2018
Estimated average burden hours per response 0.5

1. Name and Address of Reporting Person*			2. Issuer Name and Ticker or Trading Symbol				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
Hsing, Michael R.			MONOLITHIC POWER SYSTEMS (MPWR)				☒ Director ☐ 10% Owner ☒ Officer (give title below) ☐ Other (specify below) CEO			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction Required to be Reported (Month/Day/Year) 02/10/2020		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person ☐ Form filed by More than One Reporting Person			
5808 Lake Washington Blvd NE										
(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		02/10/20		S		7,957	D	\$181.0743	1,223,080	D
Common Stock				(1)					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.

5808 Lake Washington Blvd NE
Kirkland, WA 98033

MONOLITHIC POWER SYSTEMS (MPWR)
02/10/2020

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

