

MONOLITHIC POWER SYSTEMS INC

Reported by
SCIAMMAS MAURICE

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 10/28/25 for the Period Ending 10/25/25

Address 1555 PALM BEACH LAKES BLVD.
 WEST PALM BEACH, FL, 33401

Telephone 561-839-3999

 CIK 0001280452

Symbol MPWR

SIC Code 3674 - Semiconductors and Related Devices

Industry Semiconductors

Sector Technology

Fiscal Year 12/31

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See Instruction 1(b).*

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). *See Instruction 10.*

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person [*] Sciammas Maurice (Last) (First) (Middle) 5808 LAKE WASHINGTON BLVD NE (Street) KIRKLAND, WA 98033 (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) EVP, WW Sales & Marketing		
			3. Date of Earliest Transaction (MM/DD/YYYY) 10/25/2025							
			4. If Amendment, Date Original Filed (MM/DD/YYYY)					6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date 10/25/2025	2A. Deemed Execution Date, if any	3. Trans. 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. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)			
Common Stock			A		135,520 (1)	A	\$0	237,849 (2)	D
Common Stock								9,481	I
Common Stock								1,699	I
Common Stock								2,000	I
Common Stock								9,481	I
Common Stock								1,499	I
Common Stock								1,499	I
Common Stock								44,930	I
Common Stock								12,228	I
Common Stock								1,699	I
Common Stock								4,015	I

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price				
											Trust 2020
Common Stock									5,000	I	Clement Sciambas Family 2021 Trust
Common Stock									1,000	I	Peter Rafferty and Eric Toothill 2021 Trust
Common Stock									1,699	I	The Chloe Liliane Sciambas 2020 Irrevocable Trust

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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	7. Title and Amount of Securities Underlying Derivative Security (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:

- (1) On October 25, 2022, the reporting person was granted market-based restricted stock units ("MSUs") subject to the achievement of five stock price targets and relative total stockholder return percentile rank over a three-year performance and vesting period. On October 25, 2025, the Company's Compensation Committee of the Board of Directors certified and approved the achievement of the performance criteria for the MSUs, which resulted in 135,520 shares being awarded to the reporting person. All of the shares fully vested on October 25, 2025, pursuant to the grant agreement.
- (2) Ending balance includes 4 shares acquired on August 15, 2025 through the Company's qualified ESPP program.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Sciammas Maurice 5808 LAKE WASHINGTON BLVD NE KIRKLAND, WA 98033			EVP, WW Sales & Marketing	

Signatures/s/ Saria Tseng, attorney-in-fact for Mr. Maurice Sciammas10/27/2025

**Signature of Reporting Person

Date

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).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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