

(Print or Type Responses)

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)			
Blegen, Bernie			MONOLITHIC POWER SYSTEMS (MPWR)		____ Director ____ 10% Owner			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction Required to be Reported (Month/Day/Year) 02/10/2020		____ X Officer (give title below) ____ Other (specify below)			
5808 Lake Washington Blvd NE					CFO			
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line)			
Kirkland, WA 98033					____ X Form filed by One Reporting Person ____ Form filed by More than One Reporting Person			
(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 (1)		1,611	D	\$181.0743	146,896	D	

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

Blegen, Bernie

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.

