FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

(Street) KIRKLAND WA 98033 City (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (Month/Day/Year) (Month/Day/Year) Person Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of Security (Instr. 3) Common Stock Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (Individual or Joint/Group Filing (Check A Line) X Form filed by One Reporting Person Transaction Code (Instr. 8) S. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Following Reported Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Following Reported Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Following Reported Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities) Table II - Derivative Securities Acquired (A) or Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities) Table II - Derivative Securities Acquired (A) or Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities) Table II - Derivative Securities Acquired (A) or Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities) Table II - Derivative Securities Acquired (both Nonth/Day/Year) (conversion Date of Conversion	Name and Address of Reporting Person* Moyer James C					MON	2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR]									heck a	l app Direc	or		10	10% Owner	
City (State Variable - Non-Derivative Securities Acquired Disposed of, or Beneficially Owned	l ` ′	•	,	,	,											Officer (give title Other (sp below) below)						specify
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year) (Month/Day/Year) 2. Transaction Date (Month/Day/Year) (Instr. 3) 2. Transaction Date (Month/Day/Year) (Month/Day/Year) 2. Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Securities (Month/Day/Year) 2. Conversion Or Exercise Price of Derivative Security (Instr. 3) 2. Transaction Date (Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) 2. Transaction Date (Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) 2. Transaction Date (Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) 2. Transaction Date (Execution Date, if any (Month/Day/Year) (M	KIRKLA					4. If Ar	4. If Amendment, Date of Original Filed (Month/Day/Year)									X Form filed by One Reporting Person Form filed by More than One Reporting						
Date (Month/Day/Year) Price (Month/Day/Yea		Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
Common Stock Code V Amount (A) or (D) Price Reported Transaction(s) (Instr. 3 and 4) (Instr. 4)				Date	Execution if any	te, Transa Code (action Disposed Of (D) (Ins				Securities Beneficially Owned		Ownership Form: Direct (D) or		7. Nature of Indirect Beneficial Ownership						
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Security (Instr. 3) 1. Title of Derivative Security (Instr. 3) 2. Conversion or Exercise Price of Derivative Security Security Security Security Security Security Security Security Securities Secu								Code	v	Amo	Amount or		Price		Reported Transaction(s)				(Instr. 4)			
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Security (Instr. 3) Price of Derivative Security Secur	Common Stock			05/13/2019			S ⁽¹⁾			15,	15,000 D		\$129.1826(2)		497,260		D					
(e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Security (Instr. 3) (Instr. 4) (Instr. 3) (Instr. 4) (Instr. 5)	Common Stock													71,823		323	I			Moyer nilyTrust		
Derivative Security (Instr. 3) Price of Derivative Security Security (Instr. 3) Price of Derivative Security (Instr. 5) Price of Derivative Securities Price (Instr. 5) Price of Derivative (Instr. 5) Price of Derivati																						
and 5) Amount or Number of Of Of Or	Derivative Security	Conversion or Exercise Price of Derivative	Date		Execution Date, if any	Transact Code (In		of Deriv Secu Acqu (A) o Disp of (D (Instr	vative rities uired r osed) r. 3, 4	Expira (Month	tion Date h/Day/Year)			Amount of Securities Underlying Derivative Security (Instr 3 and 4)		of Derivative Security (Instr. 5) Owned Followi Reporte Transac		derivativ Securitie Beneficia Owned Followin Reported	ive Owner Form: Direct or Ind (I) (Inseed ction(s)		nip O) ect	11. Nature of Indirect Beneficial Ownership (Instr. 4)

Explanation of Responses:

- 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 \$126.95 to \$132.95. 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.

By: Saria Tseng For: James Moyer 05/14/2019

** 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.