FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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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

1	dress of Reportin	ig Person [*]	2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Moyer Jan			[MPWR]	X	Director	10% Owner			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)		Officer (give title below)	Other (specify below)			
6409 GUADALUPE MINES ROAD			11/28/2007		Chief IC Design Engineer				
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Ind Line)	ividual or Joint/Group Fi	ling (Check Applicable			
SAN JOSE	CA	95120		X	Form filed by One Re	eporting Person			
(City)	(State)	(Zip)	—		Form filed by More th Person	an One Reporting			
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									

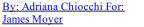
6. Ownership 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 5. Amount of Securities 7. Nature of 1. Title of Security (Instr. 3) 2. Transaction 2A. Deemed 3. Form: Direct Date Execution Date, Transaction Indirect Beneficial (Month/Day/Year) if any Code (Instr. and 5) Beneficially (D) or (Month/Day/Year) Indirect (I) 8) Owned Ownership Following (Instr. 4) (Instr. 4) Reported (A) or Code Amount Price Transaction(s) (Instr. 3 and 4) (D) by Moyer **S**⁽¹⁾ Common Stock 11/28/2007 750 D \$19.43 230.310 I FamilyTrust by Moyer **S**⁽¹⁾ **Common Stock** 11/28/2007 100 \$19.37 T D 230,210 FamilyTrust by Moyer **S**⁽¹⁾ Common Stock 11/28/2007 100 D \$19.51 230,110 T FamilyTrust by Moyer **Common Stock** 11/28/2007 **S**⁽¹⁾ 100 D \$19.5 230,010 I FamilyTrust by Moyer **S**⁽¹⁾ Common Stock 11/28/2007 100 D \$19.6 229,910 I FamilyTrust by Moyer **S**⁽¹⁾ Common Stock 11/28/2007 100 D \$19.56 229,810 I FamilyTrust **Common Stock** 890,569 D By Jointly Common Stock 518,504 Т w/Spouse

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	Execution Date, if any (Month/Day/Year)	Transaction Code (Instr.		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration Date (Month/Day/Year)		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: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership
			Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. In accordance with the reporting person's 10b5-1 trading plan.



11/29/2007

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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

^{*} If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

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.