FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL								
OMB Number:	3235-0287							
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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

Name and Address of Reporting Person* Chiocchi Adriana						2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC MPWR MONOLITHIC POWER SYSTEMS INC									all app	olicable) ctor	ng Person(s) to	Owner
` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '						3. Date of Earliest Transaction (Month/Day/Year) 02/02/2009									belo	,	below Delow	(specify)
(Street) SAN JOS (City)	Street) SAN JOSE CA 95120			4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)								. Indiv ine) X	vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person 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. Transaction Date (Month/Day/Ye					(ear) if	Execution Date,			3. 4. Securitie Disposed C Code (Instr. 8)					and Secu Bene Owne		ficially	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	Rep Trar		rted saction(s) . 3 and 4)	(msu. 4)	(111501. 4)
Common Stock 02/02/2009					19			F ⁽¹⁾		1,094(2)	D	\$11.8	193	1	18,339	D		
	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)	vative rity or Exercise (Month/Day/Year) r. 3) Price of Derivative Security Execution Date, if any (Month/Day/Year) (Month/Day/Year)		4. Transac Code (II 8)	e (Instr. 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) Amount or Number of Title Shares		of Deri Secu	8. Price of derivative Derivative Security (Instr. 5) Owned Followin Reported Transacti (Instr. 4)		Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		

Explanation of Responses:

- 1. In accordance with the reporting person's 10b5-1 trading plan.
- 2. Shares sold to pay tax obligations resulting from the vesting of restricted stock.

Adriana Chiocchi 02/03/2009

** Signature of Reporting Person Dat

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.