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. Name and Add Mover Jam	Iress of Reporting	2. Issuer Name and MONOLITHIC				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)							
				[MPWR]							X Director		0% Owner
				3. Date of Earliest Tr 06/18/2008	ansaction	(Mor	nth/Day/Year		X Officer (give t below) Chief IC	title Other (specify below) Design Engineer			
,				4. If Amendment, Da	te of Orig	inal F	iled (Month/	Day/Yea	r)	6. I	ndividual or Joint/G	Group Filing (Ch	eck Applicable
(Street)								Line)					
SAN JOSE	CA	9512	20									One Reporting More than One	
(City) (State) (Zip)										Person		Reporting	
		Table I	- Non-Deriva	tive Securities A	cquire	d, D	isposed o	of, or B	Benefi	cial	ly Owned		
1. Title of Securi	ty (Instr. 3)		2. Transaction Date (Month/Day/Yea	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transac Code (Iı 8)		4. Securitie Disposed C and 5)				5. Amount of Securities Beneficially Owned Following	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		Reported Transaction(s) (Instr. 3 and 4)	(1130.4)	(1150.4)
Common Stoc	¢		06/18/2008		S ⁽¹⁾		300	D	\$24.	48	96,710	I	by Moyer FamilyTrust
Common Stock	x		06/18/2008		S ⁽¹⁾		200	D	\$24.	49	96,510	I	by Moyer FamilyTrust
Common Stock	x		06/18/2008		S ⁽¹⁾		100	D	\$24.	45	96,410	I	by Moyer FamilyTrust
Common Stock	x		06/18/2008		S ⁽¹⁾		150	D	\$24.	51	96,260	I	by Moyer FamilyTrust
Common Stoc	x		06/18/2008		S ⁽¹⁾		150	D	\$24.	52	96,110	I	by Moyer FamilyTrust
Common Stock	x		06/18/2008		S ⁽¹⁾		100	D	\$24.	53	96,010	I	by Moyer FamilyTrust
Common Stock	x		06/18/2008		S ⁽¹⁾		100	D	\$24.	54	95,910	I	by Moyer FamilyTrust
Common Stock	x		06/18/2008		S ⁽¹⁾		200	D	\$24.	55	95,710	I	by Moyer FamilyTrust
Common Stock	x		06/18/2008		S ⁽¹⁾		100	D	\$24.	57	95,610	I	by Moyer FamilyTrust
Common Stock	¢		06/18/2008		S ⁽¹⁾		100	D	\$24.	59	95,510	Ι	by Moyer FamilyTrust
Common Stoc	¢		06/18/2008		S ⁽¹⁾		300	D	\$24	.6	95,210	I	by Moyer FamilyTrust
Common Stoc	¢		06/18/2008		S ⁽¹⁾		200	D	\$24.	63	95,010	I	by Moyer FamilyTrust
Common Stoc	¢		06/18/2008		S ⁽¹⁾		50	D	\$24	.7	94,960	I	by Moyer FamilyTrust
Common Stoc	¢		06/18/2008		S ⁽¹⁾		150	D	\$24.	71	94,810	I	by Moyer FamilyTrust
Common Stock	x		06/18/2008		S ⁽¹⁾		100	D	\$24.	76	94,710	I	by Moyer FamilyTrust
Common Stock	x		06/18/2008		S ⁽¹⁾		168	D	\$24.	81	94,542	Ι	by Moyer FamilyTrust

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securitie Disposed C and 5)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common Stock	06/18/2008		S ⁽¹⁾		32	D	\$24.85	94,510	I	by Moyer FamilyTrus
Common Stock	06/18/2008		S ⁽¹⁾		200	D	\$24.88	94,310	I	by Moyer FamilyTrus
Common Stock	06/18/2008		S ⁽¹⁾		100	D	\$24.94	94,210	I	by Moyer FamilyTrus
Common Stock	06/18/2008		S ⁽¹⁾		100	D	\$25.25	94,110	I	by Moyer FamilyTrus
Common Stock	06/18/2008		S ⁽¹⁾		100	D	\$25.26	94,010	I	by Moyer FamilyTrus
Common Stock	06/18/2008		S ⁽¹⁾		100	D	\$25.3	93,910	I	by Moyer FamilyTrus
Common Stock	06/18/2008		S ⁽¹⁾		100	D	\$25.4	93,810	I	by Moyer FamilyTrus
Common Stock	06/18/2008		S ⁽¹⁾		100	D	\$25.47	93,710	I	by Moyer FamilyTrus
Common Stock								890,569	D	
Common Stock								518,504	I	By Jointly w/Spouse

			(0 / 1								,				
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. Transact Code (In 8)		5. Nu of Deriv Secur Acqu (A) or Dispo of (D) (Instr and 5	vative rities ired r osed) . 3, 4	Expiration Date (Month/Day/Year) d		Amour Securi Underl Deriva	nt of ties ying tive ty (Instr.	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)	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. In accordance with the reporting person's 10b5-1 trading plan.

By: Adriana Chiocchi For: James Moyer

06/18/2008

** 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.