

Sciammas Maurice  
Form 3  
May 01, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Sciammas Maurice		(Month/Day/Year)	MONOLITHIC POWER SYSTEMS INC [MPWR]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		04/25/2006		
983 UNIVERSITY AVENUE, BUILDING A			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
			<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other
			(give title below)	(specify below)
			VP, Sales and Marketing	
				6. Individual or Joint/Group Filing(Check Applicable Line)
				<input checked="" type="checkbox"/> Form filed by One Reporting Person
				<input type="checkbox"/> Form filed by More than One Reporting Person
LOS GATOS,Â CAÂ 95032				
(City)	(State)	(Zip)		

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	17,762 <sup>(1)</sup>	D	Â
Common Stock	257,574	I	by Family Trust <sup>(2)</sup>
Common Stock	42,647	I	byC Sciammas 04 TRST <sup>(3)</sup>
Common Stock	42,647	I	byM Sciammas 04 Trst <sup>(4)</sup>

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

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Incentive Stock Option (right to buy)	07/15/2003 <sup>(5)</sup>	07/17/2012	Common Stock	82,000	\$ 1.2	D	Â
Incentive Stock Option (right to buy)	09/10/2004 <sup>(6)</sup>	09/11/2013	Common Stock	60,000	\$ 1.2	D	Â
Incentive Stock Option (right to buy)	01/26/2006 <sup>(7)</sup>	01/26/2015	Common Stock	21,206	\$ 7.77	D	Â
Incentive Stock Option (right to buy)	06/15/2006 <sup>(8)</sup>	06/15/2015	Common Stock	20,317	\$ 9.32	D	Â
Non-Qualified Stock Option (right to buy)	01/26/2006 <sup>(7)</sup>	01/26/2015	Common Stock	2,794	\$ 7.77	D	Â
Non-Qualified Stock Option (right to buy)	06/15/2006 <sup>(8)</sup>	06/15/2015	Common Stock	79,683	\$ 9.32	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Sciammas Maurice 983 UNIVERSITY AVENUE, BUILDING A LOS GATOS, CA 95032	Â	Â	Â VP, Sales and Marketing	Â

## Signatures

Maurice  
Sciammas

05/01/2006

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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).
- (1) Includes 15,000 shares of RSA granted on 2/7/06; 7500 shares vest on 2/17/07 and 7500 shares vest on 2/17/08 provided that the Purchaser continues to be a Service Provider on such dates.
- (2) Shares held by Sciammas Family Living Trust, Maurice Sciammas and Christina Sciammas, Trustees
- (3) Shares held by Christina Sciammas 2004 Trust, Christina Sciammas and Maurice Sciammas, Trustees
- (4) Shares held by Maurice Sciammas 2004 Trust, Maurice Sciammas and Christina Sciammas, Trustees
- (5) Total of 82,000 shares granted on 7/17/02, 25% exercisable on 7/15/03; the remaining shares vest at a rate of 1/48 per month thereafter.
- (6) Total of 60,000 shares granted on 9/11/03, 25% exercisable on 9/10/04; the remaining shares vest at a rate of 1/48 per month thereafter.

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- (7) Total of 24,000 shares granted on 1/26/05, 25% exercisable on 1/26/06; the remaining shares vest at a rate of 1/48 per month thereafter.
- (8) Total of 100,000 shares granted on 6/15/05, 25% exercisable on 6/15/06; the remaining shares vest at a rate of 1/48 per month thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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