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)

Name and Address of Reporting Person * A Sciammas Maurice			2. Date of Event Requiring Statement (Month/Day/Year)		3. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR]					
(Last)	(First)	(Middle)	04/25/2006		4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)		
983 UNIVERS BUILDING A		ENUE,			(Chec	k all applicable)				
(Street) LOS GATOS, CA 95032					X_ Officer Other (give title below) (specify below) VP, Sales and Marketing			6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)		Table I - N	Non-Derivative Securities Beneficially Owned					
1.Title of Security (Instr. 4)	y			2. Amount o Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr	*		
Common Stoc	ck			17,762 (1)		D	Â			
Common Stock				257,574		I	by F	by Family Trust (2)		
Common Stock				42,647		I	byC	yC Sciammas 04 TRST (3)		
Common Stoc	ck .			42,647		I	byM	Sciammas 04 Trst (4)		
Reminder: Report on a separate line for each class of second directly or indirectly.				SEC 1473 (7-02)					
Persons who respond to the collection of information contained in this form are not required to respond unless the form display										

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

currently valid OMB control number.

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

Reporting Owners

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

Signatures

Reporting Person

Maurice
Sciammas

**Signature of 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.

Reporting Owners 2

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