PETERSON JAMES J

Form 4

February 02, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

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

1(b). (Print or Type Responses)

1. Name and Address of Reporting Person * PETERSON JAMES J			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			MICROSEMI CORP [MSCC]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	•		
			(Month/Day/Year)	X Director 10% Owner		
2381 MORSE AVENUE			01/31/2006	_X_ Officer (give title Other (specification) below)		
				President, CEO & Director		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
				X Form filed by One Reporting Person		
IDVINE CA 02614				Form filed by More than One Reporting		

IRVINE, CA 92614

(City)	(State) (Zi	Table	I - Non-De	rivative S	ecuriti	es Acqı	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi		•	5. Amount of Securities	6. Ownership	7. Nature of Indirect
(Instr. 3)	, ,	any	Code	(D)	•		Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and 5	5)	Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(A)		Reported	(Instr. 4)	
					or		Transaction(s)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Microsemi						Φ			
Common	01/31/2006		S	7,000	D	30.5	101,268	D	
Stock (1)						30.5			

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Person

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Title		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amour		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
					,)						
									Amount		
						Date	Expiration		or		
						Exercisable	•	Title N	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
reporting owner runner runners	Director	10% Owner	Officer	Other				
PETERSON JAMES J 2381 MORSE AVENUE IRVINE, CA 92614	X		President, CEO & Director					

Signatures

Debbie Weber, Attorney-in-Fact for James J.
Peterson 02/02/2006

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) Sale executed in accordance with 10B5-1 Program adopted December 12, 2005.

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.

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