STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

2. Issuer Name and Ticker or Trading

MICROSEMI CORP [MSCC]

PETERSON JAMES J

Form 4

November 23, 2005

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

OMB APPROVAL

OMB 3235-0287 Number:

Expires: 2005

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Estimated average

Check this box if no longer subject to Section 16.

Form 4 or Form 5 obligations

may continue. See Instruction

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

Symbol

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * PETERSON JAMES J

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last)

(First)

(Street)

(State)

(Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year) 11/23/2005

_X__ Director X_ Officer (give title

10% Owner Other (specify

below) President, CEO & Director

2381 MORSE AVENUE

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

X 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

IRVINE, CA 92614

(City)

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

Ownership Form: Direct (D) or Indirect (I)

(Instr. 4)

7. Nature of Indirect Beneficial Ownership (Instr. 4)

SEC 1474

(9-02)

(A) Code V Amount (D)

Transaction(s) Price

(Instr. 3 and 4)

Microsemi Common

Stock (1)

11/23/2005

S 3,800 D 27.5031

63,240

D

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

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 control number.

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

Edgar Filing: PETERSON JAMES J - Form 4

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed			Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans
				of (D) (Instr. 3, 4, and 5)						(Instr
				4, and 3)	Date	Expiration		Amount		
			Code V	(A) (D)	Exercisable	Date	Title	Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
r	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 11/23/2005

**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 Supplement to 10B5-1 Program adopted December 1, 2004, as amended.

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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