MICROSEMI CORP

Form 4 May 26, 2005

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

Form 5 obligations STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response...

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

0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading PETERSON JAMES J Issuer Symbol MICROSEMI CORP [MSCC] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner X_ Officer (give title Other (specify 2381 MORSE AVENUE 05/25/2005 below) President, CEO & Director (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

IRVINE, CA 92614

(State)

(City)

Stock

Form filed by More than One Reporting Person n Dominative Securities Assumed Disposed of an Boneficially O

19.5934

| (,) | (*******) | 1 abic | e I - Non-D | erivative | Secur | nues Acquir | ea, Disposea oi, e | or Beneficiali | y Ownea |
|------------|---------------------|--------------------|-----------------------------|------------|-----------|-------------|--------------------|----------------|--------------|
| 1.Title of | 2. Transaction Date | 2A. Deemed | 3. | 4. Securi | ities A | cquired (A) | 5. Amount of | 6. | 7. Nature of |
| Security | (Month/Day/Year) | Execution Date, if | Transaction Disposed of (D) | | | Securities | Ownership | Indirect | |
| (Instr. 3) | | any | Code | (Instr. 3, | 4 and | 5) | Beneficially | Form: | Beneficial |
| | | (Month/Day/Year) | (Instr. 8) | | | | Owned | Direct (D) | Ownership |
| | | | | | | | Following | or Indirect | (Instr. 4) |
| | | | | | (| | Reported | (I) | |
| | | | | | (A) | | Transaction(s) | (Instr. 4) | |
| | | | Code V | Amount | or (D) | Price | (Instr. 3 and 4) | | |
| Microsemi | | | | 2,800 | | \$ | | | |
| Common | 05/25/2005 | | S | (1) | D | Ψ | 67,538 | D | |

(1)

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

(Zip)

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.

X Form filed by One Reporting 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 a | | 8. Price of | 9. Nu |
|--------------------------------------|---|---------------------|---|----------------------------------|---|---------------------|--------------------|--|-----------|--------------------------------------|---|
| Derivative Security (Instr. 3) | Conversion or Exercise Price of Derivative Security | (Month/Day/Year) | Execution Date, if any (Month/Day/Year) | Transactic Code (Instr. 8) | onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | | Amount Underlyi Securitie (Instr. 3 | ing es | Derivative Security (Instr. 5) | Deriv Secur Bene Own Follo Repo Trans (Instr |
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | or Title N of | umber | | |

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 05/26/2005

**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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