

PETERSEN JOHN J  
Form 4  
September 27, 2005

**FORM 4**

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

Check this box  
if no longer  
subject to  
Section 16.  
Form 4 or  
Form 5  
obligations  
may continue.  
*See Instruction*  
1(b).

**STATEMENT OF CHANGES IN 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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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2005  
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burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
PETERSEN JOHN J

(Last) (First) (Middle)

2381 MORSE AVENUE

(Street)

IRVINE, CA 92614

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
MICROSEMI CORP [MSCC]

3. Date of Earliest Transaction  
(Month/Day/Year)  
09/26/2005

4. If Amendment, Date Original  
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_X\_\_ Officer (give title \_\_\_\_ Other (specify  
below) below)

Vice President of Quality

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**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
|                                       |                                         |                                                             | Code                                 | V                                                                          | Amount                                                                                                             | (D)                                                                  | Price                                                             |

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  
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SEC 1474  
(9-02)

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

| 1. Title of<br>Derivative<br>Security | 2. Conversion<br>or Exercise | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any | 4. Transaction<br>Code | 5. Number of<br>Derivative<br>Securities | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) |
|---------------------------------------|------------------------------|-----------------------------------------|-----------------------------------------|------------------------|------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|
|---------------------------------------|------------------------------|-----------------------------------------|-----------------------------------------|------------------------|------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|

## Edgar Filing: PETERSEN JOHN J - Form 4

| (Instr. 3)                                                | Price of<br>Derivative<br>Security | (Month/Day/Year) | (Instr. 8) | Acquired (A)<br>or Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) |        |     |                     |                    |                 |  |                                     |
|-----------------------------------------------------------|------------------------------------|------------------|------------|------------------------------------------------------------------|--------|-----|---------------------|--------------------|-----------------|--|-------------------------------------|
|                                                           |                                    |                  | Code       | V                                                                | (A)    | (D) | Date<br>Exercisable | Expiration<br>Date | Title           |  | Amount<br>or<br>Number<br>of Shares |
| ISO<br>Option to<br>Buy<br>Common<br>Stock <sup>(1)</sup> | \$ 25.27                           | 09/26/2005       | A          |                                                                  | 30,000 |     | 09/26/2006          | 09/26/2015         | Common<br>Stock |  | 30,000                              |

## Reporting Owners

| Reporting Owner Name / Address                           | Relationships |           |                           |       |
|----------------------------------------------------------|---------------|-----------|---------------------------|-------|
|                                                          | Director      | 10% Owner | Officer                   | Other |
| PETERSEN JOHN J<br>2381 MORSE AVENUE<br>IRVINE, CA 92614 |               |           | Vice President of Quality |       |

## Signatures

Debbie Weber, Attorney-In-Fact for John J. Petersen

09/27/2005

\*\*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) This incentive stock option was granted pursuant to Microsemi Corporation's 1987 Stock Plan, which satisfies the requirements of Rule 16b-3. The option becomes exercisable in four equal installments, commencing one year after the date of the grant.
- (2) Currently own -0- Shares of Microsemi Corporation Common Stock.

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.