

PETERSON JAMES J  
 Form 4  
 November 28, 2011

**FORM 4**

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

OMB APPROVAL

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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

(Print or Type Responses)

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

(Last) (First) (Middle)

ONE ENTERPRISE

(Street)

ALISO VIEJO, CA 92656

(City) (State) (Zip)

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

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 11/17/2011

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 President & CEO

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
|                                 |                                      |  |                                | (A) or (D)  | Code V Amount (D) Price   |  |   |

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

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

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| (Instr. 3)         | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D) |         | Date Exercisable | Expiration Date | Title        | Amount Number of Shares |
|--------------------|------------------------------|------------------|------------|---------------------------------|---------|------------------|-----------------|--------------|-------------------------|
|                    |                              |                  |            | (A)                             | (D)     |                  |                 |              |                         |
| Performance Rights | <u>(1)</u>                   | 11/17/2011       | A          | V                               | 110,000 | <u>(1)</u>       | 09/29/2013      | Common Stock | 110                     |

## Reporting Owners

| Reporting Owner Name / Address                              | Relationships |           |                 |       |
|---|---------------|-----------|-----------------|-------|
|   | Director      | 10% Owner | Officer         | Other |
| PETERSON JAMES J<br>ONE ENTERPRISE<br>ALISO VIEJO, CA 92656 | X             |           | President & CEO |       |

## Signatures

Mark Lin, Attorney-in-Fact for James J. Peterson  
11/28/2011

    \*\*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) Each Performance Right represents a right to receive one share of MSCC common stock. The target number of Performance Rights is indicated. Between 0% and 200% of the target number will be earned over a two-year performance period ending 9/29/2013 based on MSCC's revenue and earnings per share performance relative to a peer group of companies. A portion of the shares may be earned based on performance in the first year of the performance period.

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.