

BRANDI RALPH  
Form 4  
September 18, 2012

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2015  
Estimated average burden hours per response... 0.5

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 \*  
BRANDI RALPH

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
ONE ENTERPRISE

3. Date of Earliest Transaction  
(Month/Day/Year)  
09/14/2012

\_\_\_\_ Director  
 Officer (give title below) \_\_\_\_\_ 10% Owner  
\_\_\_\_\_ Other (specify below)  
Executive Vice President & COO

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

ALISO VIEJO, CA 92656

(City) (State) (Zip)

**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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Microsemi Common Stock	09/14/2012		M		100,000 A \$ 18.97	233,000	D
Microsemi Common Stock	09/14/2012		M		2,049 A \$ 11.36	235,049	D
Microsemi Common Stock	09/14/2012		S		102,049 D \$ 21.5001	133,000	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.

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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option to Buy Common Stock <sup>(1)</sup>	\$ 18.97	09/14/2012		M	33,333	10/02/2007	10/02/2012	Common Stock	33,333
Employee Stock Option to Buy Common Stock <sup>(1)</sup>	\$ 18.97	09/14/2012		M	33,334	10/02/2008	10/02/2012	Common Stock	33,334
Employee Stock Option to Buy Common Stock <sup>(1)</sup>	\$ 18.97	09/14/2012		M	33,333	10/02/2009	10/02/2012	Common Stock	33,333
Employee Stock Option to Buy Common Stock <sup>(2)</sup>	\$ 11.36	09/14/2012		M	2,049	08/18/2006	08/18/2014	Common Stock	2,049

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director    10% Owner    Officer    Other

BRANDI RALPH  
ONE ENTERPRISE  
ALISO VIEJO, CA 92656

Executive Vice President & COO

## Signatures

Mark Lin, Attorney-in-Fact for Ralph  
Brandi

09/18/2012

\_\_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 employee stock option was granted pursuant to Microsemi Corporation's 1987 Stock Plan, which satisfies the requirements of Rule 16b-3. The option became exercisable in three equal installments, commencing one year after the date of the grant.
- (2) This employee stock option was granted pursuant to Microsemi Corporation's 1987 Stock Plan, which satisfies the requirements of Rule 16b-3. The option became exercisable on September 22, 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.