MICROSEMI CORP

Form 4

September 17, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

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Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * PETERSON JAMES J			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	MICROSEMI CORP [MSCC] 3. Date of Earliest Transaction	(Check all applicable)		
ONE ENTERPRISE			(Month/Day/Year) 09/16/2014	_X Director 10% OwnerX Officer (give title Other (specify below) Chairman of the Board & CEO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
ALISO VIEJO, CA 92656			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reportin Person		
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Ac	quired. Disposed of, or Beneficially Owner		

		Table	c I - Moli-D	ciivative	occui	nies Acquir	cu, Disposcu oi,	or Deficilcian	owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		3. Transaction Code (Instr. 8)	4. Securit or Dispos (Instr. 3,	sed of	` ′	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Microsemi Common Stock	09/16/2014		M	9,036	A	\$ 13.72	316,687	D	
Microsemi Common Stock (1)	09/16/2014		S	9,036	D	\$ 25.7354	307,651	D	

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

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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. Transacti Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	ivative Expiration Date ties (Month/Day/Year) red seed of 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option to Buy Common Stock	\$ 13.72	09/16/2014		M	9,036	(2)	09/26/2014	Microsemi Common Stock	9,036

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Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
PETERSON JAMES J						
ONE ENTERPRISE	X		Chairman of the Board & CEO			
ALISO VIEIO CA 02656						

Signatures

Mark Lin, Attorney-in-Fact for James J.
Peterson 09/17/2014

**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) The transactions reported on this form were executed pursuant to a 10b5-1 plan.
- (2) This grant of stock options was issued pursuant to Microsemi Corporation's 1987 Stock Plan, which satisfies the requirements of Rule 16b-3. The option became exercisable in four equal annual installments, commencing one year after the date of the grant.

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.

Reporting Owners 2