

GENTILE JAMES H  
Form 4  
October 03, 2007

**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 \*  
GENTILE JAMES H

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)  
2381 MORSE AVENUE  
  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
10/01/2007

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Senior VP-Worldwide Sales

IRVINE, CA 92614  
  
(City) (State) (Zip)

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

**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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Microsemi Common Stock (1) (2)	10/01/2007		M		2,000 A \$ 7.055	8,000	D
Microsemi Common Stock (2)	10/01/2007		S		2,000 D \$ 28	6,000	D
Microsemi Common Stock	10/01/2007		S		1,000 D \$ 28	5,000	D
Microsemi Common	10/01/2007		A		20,000 A \$ 28.5	25,000	D

Stock <sup>(3)</sup>

Microsemi Common Stock <sup>(1)</sup> <sup>(2)</sup>	10/02/2007	M	1,000	A	\$ 7.055	26,000	D
Microsemi Common Stock <sup>(2)</sup>	10/02/2007	S	1,000	D	\$ 29	25,000	D
Microsemi Common Stock	10/02/2007	S	500	D	\$ 29	24,500	D

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

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(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)	8. Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
ISO Option to Buy Common Stock <sup>(1)</sup>	\$ 7.055	10/01/2007		M	2,000	06/17/2004 06/17/2013	Common Stock	2,000	
ISO Option to Buy Common Stock <sup>(1)</sup>	\$ 7.055	10/02/2007		M	1,000	06/17/2004 06/17/2013	Common Stock	1,000	

## Reporting Owners

Reporting Owner Name / Address

Relationships

Reporting Owners

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Director 10% Owner Officer

Other

GENTILE JAMES H  
2381 MORSE AVENUE  
IRVINE, CA 92614

Senior VP-Worldwide Sales

## Signatures

Debbie Weber, Attorney-In-Fact for James H.  
Gentile

10/03/2007

\_\_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) Sale in accordance with 10B5-1 Program adopted September 12, 2007.  
These shares were awarded on October 1, 2007. They are subject to restrictions on transferability, which lapse as to: 6,666 Shares on
- (3) 10/01/2008; 6,666 Shares on 10/09/2009; and, 6,668 Shares on 10/01/2010 provided employment continues to such dates, or lapses immediately if employment terminates upon death.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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