

GENTILE JAMES H
Form 4
August 16, 2005

FORM 4

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

OMB APPROVAL

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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)
08/15/2005

____ Director
 Officer (give title below) _____ 10% Owner
_____ Other (specify below)
Vice President-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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Microsemi Common Stock ⁽¹⁾	08/15/2005		M		3,800 A \$ 6.9844	17,764	D
Microsemi Common Stock ⁽¹⁾	08/15/2005		S		3,800 D \$ 22.439	13,964	D
Microsemi Common Stock ⁽¹⁾	08/15/2005		M		500 A \$ 7.1406	14,464	D
Microsemi Common	05/15/2005		S		500 D \$ 22.439	13,964	D

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Stock ⁽¹⁾

Microsemi
Common Stock ⁽¹⁾ 05/15/2005 M 2,500 A \$ 5.7188 16,464 D

Microsemi
Common Stock ⁽¹⁾ 05/15/2005 S 2,500 D \$ 22.439 13,964 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	
ISO Option to Buy Common Stock ⁽¹⁾	\$ 6.9844	08/15/2005		M	3,800	07/05/2001 07/05/2010	Common Stock	3,800
ISO Option to Buy Common Stock ⁽¹⁾	\$ 7.1406	08/15/2005		M	500	11/28/2001 11/28/2010	Common Stock	500
ISO Option to Buy Common Stock ⁽¹⁾	\$ 5.7188	08/15/2005		M	2,500	03/12/2002 03/12/2011	Common Stock	2,500

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GENTILE JAMES H 2381 MORSE AVENUE IRVINE, CA 92614			Vice President-Worldwide Sales	

Signatures

Debbie Weber, Attorney-In-Fact for James H. Gentile	08/16/2005
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__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.

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.