

GENTILE JAMES H
Form 4/A
January 17, 2006

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)
01/03/2006

____ Director
 Officer (give title below) _____ Other (specify below)
Vice President-Worldwide Sales

IRVINE, CA 92614

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)
01/05/2005

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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Microsemi Common Stock ⁽¹⁾	01/03/2006		M		236 ⁽³⁾ A \$ 5.7188	18,200	D
Microsemi Common Stock ^{(1) (2)}	01/03/2006		S		236 ⁽⁴⁾ D \$ 27.7	17,964	D
Microsemi Common Stock ⁽¹⁾	01/03/2006		M		1,764 ⁽³⁾ A \$ 7.055	19,728	D
Microsemi Common	01/03/2006		S		1,764 ⁽⁴⁾ D \$ 27.7	17,964	D

Stock ⁽¹⁾ ⁽²⁾

Microsemi

Common 01/03/2006 S 1,000 D \$ 27.7 16,964 D

Stock ⁽¹⁾

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
ISO Option to Buy Common Stock ⁽¹⁾ ⁽²⁾	\$ 5.7188	01/03/2006		M	236 ⁽³⁾	03/12/2002 03/12/2011	Common Stock	236
ISO Option to Buy Common Stock ⁽¹⁾ ⁽²⁾	\$ 7.055	01/03/2006		M	1,764 ⁽³⁾	06/17/2004 06/17/2013	Common Stock	1,764

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

01/17/2006

__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 November 22, 2005.
- (3) Previously reported number of options exercised on January 3, 2006 was incorrect. This amends the number of options exercised.
- (4) Previously reported number of options sold on January 3, 2006 was incorrect. This amends the number of options sold.

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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