MICROSEMI CORP

Form 4

December 17, 2004

FORM 4 INITED S

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction

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).

Microsemi

Common

12/15/2004

(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	5. Relationship of Reporting Person(s) to Issuer		
(Last) 2381 MORS	(First) (M	(1	5. Date of Month/Da M2/15/20	•	ansaction			Director _X Officer (give relow)		Owner or (specify
				led(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		
(City)		Zip)	Table	I - Non-De	erivative S	Securi		erson red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		ed Date, if	3. Transactio Code (Instr. 8)	4. Securi or(A) or D (Instr. 3,	ties A ispose 4 and (A) or	cquired d of (D) 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)
Microsemi Common Stock	12/15/2004			Code V	2,500	(D)	Price \$ 17.88	0	D	
Microsemi Common Stock (1)	12/15/2004			M	5,000	A	\$ 1.8125	5,000	D	
Microsemi Common Stock (1)	12/15/2004			M	2,964	A	\$ 5.7188	7,964	D	

M

6,000 A

\$ 3.115 13,964

D

Stock (1)

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

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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. Transactic Code (Instr. 8)	5. Number proof 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
ISOOption to Buy Common Stock (1)	\$ 1.8125	12/15/2004		M	5,000	08/30/2000	08/30/2009	Common Stock	5,000
ISO Option to Buy Common Stock (1)	\$ 5.7188	12/15/2004		M	2,964	03/12/2002	03/12/2011	Common Stock	2,964
ISO Option to Buy Common Stock (1)	\$ 3.115	12/15/2004		M	6,000	11/26/2003	11/26/2012	Common Stock	6,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
Toporting of the Figure 1	Director	10% Owner	Officer	Other			
GENTILE JAMES H							
2381 MORSE AVENUE			Vice President-Worldwide Sales				
IRVINE, CA 92614							

Reporting Owners 2

Signatures

Debbie Weber, Attorney-In-Fact for James H.
Gentile
12/17/2004

**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).
- This incentive stock option was grated 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.

Signatures 3