MICROSEMI CORP

Form 4 April 08, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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).

Stock (2)

(Print or Type Responses)

1. Name and Address of Reporting Person * HOLTRUST JOHN M				2. Issuer Name and Ticker or Trading Symbol						5. Relationship of Reporting Person(s) to Issuer			
				MICROSEMI CORP [MSCC]						(Check all applicable)			
(Last)	(First)	(Mid	ldle)	3. Date of Earliest Transaction					, 11				
2381 MORSE AVENUE				(Month/Day/Year) 04/07/2008						Director 10% Owner _X_ Officer (give title Other (specify below) Senior VP of Human Resources			
(Street)				4. If Amendment, Date Original						6. Individual or Joint/Group Filing(Check			
				Filed(Month/Day/Year)						Applicable Line) _X_ Form filed by One Reporting Person			
IRVINE 92614									Form filed by More than One Reporting Person				
(City)	(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially O								y Owned				
1.Title of Security (Instr. 3)	2. Transaction (Month/Day/Y		Executi any	emed on Date, if /Day/Year)	Code (Instr.	8)	4. Securi or(A) or D (Instr. 3,	ispose 4 and (A) or	od 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 (1) (2)	04/07/2008				Code	V	Amount 2,000	(D)	Price \$ 7.055	25,334	D		
Microsemi Common	04/07/2008				S		2,000	D	\$ 25.18	23,334	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. Transactic Code (Instr. 8)	5. Number out Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercis Expiration Dat (Month/Day/Y	e	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
ISO Option to Buy Common Stock (1)	\$ 7.055	04/07/2008		M	2,000	06/17/2004	06/17/2013	Common Stock	2,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HOLTRUST JOHN M 2381 MORSE AVENUE IRVINE 92614

Senior VP of Human Resources

Signatures

Debbie Weber, Attorney-in-Fact for John M. Holtrust

04/08/2008

**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 executed in accordance with 10b5-1 Program for Microsemi Stock Adopted June 7, 2007.

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.

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