MICROSEMI CORP

Form 4 April 13, 2006

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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obligations may continue.

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 (1)

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * BRANDI RALPH			2. Issuer Name and Ticker or Trading Symbol						5. Relationship of Reporting Person(s) to Issuer				
			MICROSEMI CORP [MSCC]						(Check all applicable)				
(Last)	(First) (Middle)	3. Date of Earliest Transaction					• • • • • • • • • • • • • • • • • • •					
2381 MORS	(Month/Day/Year) 04/12/2006						Director 10% Owner _X_ Officer (give title Other (specify below) Executive Vice President & COO						
	4. If Amen	4. If Amendment, Date Original						6. Individual or Joint/Group Filing(Check					
File IRVINE, CA 92614				` , , , , , , , , , , , , , , , , , , ,						Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(0:5-)	(64-4-)	(7 :)											
(City)	(State)	(Zip)	Table	I - Non	-De	rivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficial	y Owned		
1.Title of Security (Instr. 3)	any		eemed tion Date, if h/Day/Year)	3. Transa Code (Instr.		4. Securi on(A) or D (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	Securities Ownership In- Beneficially Form: Direct Be- Owned (D) or O- Following Indirect (I) (In- Reported (Instr. 4)			
Misassani				Code	V	Amount	(D)	Price	(mstr. 5 tild 1)				
Microsemi Common Stock (1) (2)	04/12/2006			M		2,000	A	\$ 7.055	106,404	D			
Microsemi Common	04/12/2006			S		2,000	D	\$ 27.5	104,404	D			
Common	04/12/2000			S		2,000	D	\$ 41.3	104,404	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 tomof 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) (2)	\$ 7.055	04/12/2006		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

BRANDI RALPH

2381 MORSE AVENUE Executive Vice President & COO

IRVINE, CA 92614

Signatures

Debbie Weber, Attorney-in-Fact for Ralph Brandi 04/13/2006

**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 December 15, 2005.

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.

Reporting Owners 2