#### SONKSEN DAVID R

Check this box

if no longer

subject to

Form 4

January 06, 2005

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** Number:

3235-0287

Expires:

January 31, 2005

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**OMB APPROVAL** 

response...

Section 16. Form 4 or Form 5 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).

(Print or Type Responses)

See Instruction

1. Name and AddreSONKSEN DA		ng Person *_	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)	3. Date of Earliest Transaction			
2381 MORSE AVENUE			(Month/Day/Year) 01/05/2005	Director 10% Owner X Officer (give title Other (specify below) Executive Vice President & CFO		
(Street) IRVINE 92614			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Cho		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) (Z	ip) Table	I - Non-De	rivative S	ecurit	ties Acqui	ired, Disposed of	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Acquired or(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Microsemi			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(msu. 4)	
Common Stock	01/05/2005(1)		S	4,000	D	\$ 15.84	9,062	D	
Microsemi Common Stock	01/05/2005(1)(2)		M	6,000	A	\$ 3.115	15,062	D	
Microsemi Common Stock	01/05/2005(1)(2)		S	6,000	D	\$ 15.83	9,062	D	

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	2.	3. Transaction Date		4. 5. Number		6. Date Exercisable and		7. Title and Amount of		
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction Derivative		Expiration Date		Underlying Securities		
Security	or Exercise Price of		any (Month/Day/Year)		Code Securities		(Month/Day/Year)		(Instr. 3 and 4)	
(Instr. 3)	Derivative		(Month/Day/Tear)	(IIISII. 0)	(Instr. 8) Acquired (A) or					
	Security			Disposed of						
				(D)						
				(Instr. 3, 4,						
				and 5)						
									Amount	
						Date	Expiration	Title	or Number	
						Exercisable	Date	Title	of	
				Code V	(A) (D)				Shares	
ISO										
Option to	¢ 2 115	01/05/2005		M	6,000	11/26/2002	11/26/2012	Common	6.000	
Buy	\$ 3.115	01/03/2003		M	6,000	11/20/2003	11/20/2012	Stock	6,000	
Common										
Stock (2)										

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SONKSEN DAVID R 2381 MORSE AVENUE IRVINE 92614

Executive Vice President & CFO

### **Signatures**

Debbie Weber, Attorney-in-Fact for David R. Sonksen

01/06/2005

\*\*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) Sale executed in accordance with 10B5-1 Program adopted November 23, 2004.
- 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.

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