#### Edgar Filing: MICROSEMI CORP - Form 4

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Form 4	II CORP										
October 02, 2	2008										
FORM	RITIES AND EXCHANGE COMMISSION					OMB AP	PROVAL				
	UNITEL	) STATES		ATTES A shington,			NGE CO	MMISSION	OMB Number:	3235-0287	
Check thi if no long subject to Section 1	ser STATE	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							Expires: January 31, 2005 Estimated average burden hours per		
Form 4 o Form 5 obligation may cont <i>See</i> Instru 1(b).	Filed pu ns Section 17								response		
(Print or Type F	Responses)										
LITCHFIELD STEVEN G Sym			2. Issuer Symbol	Name and	l Ticker or	Tradin	0	Relationship of Reporting Person(s) to suer			
				MICROSEMI CORP [MSCC]				(Check all applicable)			
(Month/D 2381 MORSE AVENUE 10/01/20 (Street) 4. If Ame				nte of Earliest Transaction hth/Day/Year) 01/2008				Director 10% Owner _X Officer (give title Other (specify below) EVP & Group President			
			nth/Day/Year) Aj				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
IRVINE, CA	A 92614						_	_ Form filed by Mo erson			
(City)	(State)	(Zip)	Tabl	e I - Non-D	Derivative S	Securi	ties Acquir	red, Disposed of,	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year	r) Executio any	med on Date, if Day/Year)	Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4)	ed of (		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	10/01/2008			S	11,112		\$	69,942	D		
Stock <sup>(1)</sup>	10/01/2008			5	11,112	D	24.8959	07,742	D		

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (e.g., puts, calls, warrants, options, convertible securities)

### **Reporting Owners**

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owna Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
LITCHFIELD STEVEN G 2381 MORSE AVENUE IRVINE, CA 92614			EVP & Group President					
Signatures								
Debbie Weber, Attorney-In-Fa Litchfield	ct for Ste	ven G.	10/02/2008					
<u>**</u> Signature of Reportin	Date							
Explanation of Re	enon	606'						

## **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 in accordance with a 10b5-1 Plan Adopted on 6/12/08.

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.