ANDERSON THOMAS ROBERT

Form 4 May 04, 2006

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

0.5

Estimated average burden hours per

OMB APPROVAL

response...

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * ANDERSON THOMAS ROBERT			Issuer Name and Ticker or Trading Symbol MICROSEMI CORP [MSCC]				-	5. Relationship of Reporting Person(s) to Issuer			
(T. 1)	(F' 1)	O.C.1.11. \					(Check all applicable)				
(1			3. Date of Earliest Transaction (Month/Day/Year) 05/03/2006					X Director Officer (give below)		Owner or (specify	
	(Street)			4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
IRVINE, CA	Filed(Month/Day/Year)					Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting					
nevire, en	1)2014							Person			
(City)	(State)	(Zip)	Table	I - Non-Do	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	ar) Execut any	eemed ion Date, if n/Day/Year)	Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose 4 and (A) or	d of (D)	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)	05/03/2006			M	2,500	A	\$ 7.21	2,500	D		
Microsemi Common Stock (2)	05/03/2006			S	2,500	D	\$ 26.59	0	D		

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Edgar Filing: ANDERSON THOMAS ROBERT - Form 4

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. Transacti Code (Instr. 8)	5. Number on f 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
Non-Qual Stock Option Right to Buy (1)	\$ 7.21	05/03/2006		M	2,500	02/26/2002	02/26/2012	Common Stock	2,500

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

ANDERSON THOMAS ROBERT
2381 MORSE AVENUE
X
IRVINE, CA 92614

Signatures

Debbie Weber, Attorney-in-Fact for Thomas Robert
Anderson

05/04/2006

**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 Non-Qualified Stock Option was granted pursuant to Microsemi Corporation's 1987 Stock Plan, which satisfies the requirements of Rule 16b-3. The option becomes exercisable immediately.
- (2) Sale executed in accordance with 10b5-1 Program adopted December 6, 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