

NISHIYA HIROYUKI

Form 4

December 13, 2004

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**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
30(h) of the Investment Company Act of 1940

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
NISHIYA HIROYUKI

2. Issuer Name **and** Ticker or Trading
Symbol
CABOT MICROELECTRONICS
CORP [CCMP]

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

(Last) (First) (Middle)
C/O CABOT
MICROELECTRONICS
CORPORATION, 870 COMMONS
DRIVE

3. Date of Earliest Transaction
(Month/Day/Year)
12/10/2004

____ Director ____ 10% Owner
____X____ Officer (give title ____ Other (specify
below) below)
Vice President, Asia Pacific B

(Street)
AURORA, IL 60504

4. If Amendment, Date Original
Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check
Applicable Line)
____X____ Form filed by One Reporting Person
____ Form filed by More than One Reporting
Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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)
Common Stock				(A) or (D)	4,095	D	

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

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(9-02)

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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. Transaction Code (Instr. 8)	5. Number of 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
Stock Options (Right to buy)	\$ 20							04/03/2000	04/03/2005	Common Stock	7,000
Stock Options (Right to buy)	\$ 37.78	12/10/2004		A		20,000		12/10/2005 ⁽¹⁾	12/10/2014	Common Stock	20,000
Stock Options (Right to buy)	\$ 48.91							12/11/2004	12/11/2013	Common Stock	30,000
Stock Options (Right to buy)	\$ 49.8							05/01/2003	05/01/2012	Common Stock	25,000
Stock Options (Right to buy)	\$ 51.37							12/11/2003	12/11/2012	Common Stock	41,250
Stock Options (Right to buy)	\$ 67.07							05/01/2002	05/01/2008	Common Stock	50,000

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
NISHIYA HIROYUKI C/O CABOT MICROELECTRONICS CORPORATION 870 COMMONS DRIVE	Vice President, Asia Pacific B

AURORA, IL 60504

Signatures

H. Carol
Bernstein

12/13/2004

__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) Vesting Schedule: 25% 12/10/05 25% 12/10/06 25% 12/10/07 25% 12/10/08

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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