

CABOT MICROELECTRONICS CORP
 Form 4
 December 22, 2004

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 ECKSTEIN BERNSTEIN H
 CAROL

(Last) (First) (Middle)

C/O CABOT
 MICROELECTRONICS
 CORPORATION, 870 COMMONS
 DRIVE

(Street)

AURORA, IL 60504

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 12/22/2004

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

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 Director 10% Owner
 Officer (give title below) Other (specify below)
 Vice President, General Counsel

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

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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	12/22/2004		A ⁽¹⁾		181	A	\$ 38.56
Common Stock	12/22/2004		A ⁽¹⁾		90	A	\$ 38.56
							1,072.45
							1,162.45
							D
							D

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

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number.

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)	8. Price 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)	\$ 37.78					12/10/2005	12/10/2014	Common Stock	63,000
Stock Options (Right to buy)	\$ 48.91					12/11/2004	12/11/2013	Common Stock	60,000
Stock Options (Right to buy)	\$ 49.08					05/01/2003	05/01/2012	Common Stock	42,000
Stock Options (Right to buy)	\$ 49.25					08/09/2000	08/09/2005	Common Stock	12,500
Stock Options (Right to buy)	\$ 51.37					12/11/2003	12/11/2012	Common Stock	47,500
Stock Options (Right to buy)	\$ 67.07					05/01/2002	05/01/2008	Common Stock	47,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer

Other

ECKSTEIN BERNSTEIN H CAROL
C/O CABOT MICROELECTRONICS
CORPORATION
870 COMMONS DRIVE
AURORA, IL 60504

Vice President, General
Counsel

Signatures

William P.
Noglows

12/22/2004

 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) Represents restricted shares purchased under the Issuer's Equity Incentive Plan pursuant to the Issuer's Deposit Share Program. 181 of such shares vested on 12/22/04 and 90 shares of such will vest on 12/22/07, subject to the satisfaction of certain conditions.

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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