

Polezoes Lisa A  
 Form 3  
 October 04, 2012

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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)

<p>1. Name and Address of Reporting Person *</p> <p>Â Polezoes Lisa A</p> <p>(Last) (First) (Middle)</p> <p>C/O CABOT                  MICROELECTRONICS CORPORATION,Â 870                  COMMONS DRIVE</p> <p>(Street)</p> <p>AURORA,Â ILÂ 60504</p> <p>(City) (State) (Zip)</p>	<p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>10/01/2012</p>	<p>3. Issuer Name and Ticker or Trading Symbol</p> <p>CABOT MICROELECTRONICS CORP [CCMP]</p>	<p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner  <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other                  (give title below) (specify below)                  VP, Human Resources</p>	<p>5. If Amendment, Date Original Filed(Month/Day/Year)</p>	<p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person  <input type="checkbox"/> Form filed by More than One Reporting Person</p>
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock <sup>(1)</sup>	6,276.54	D	Â

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security	4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership
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	Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	(Instr. 5)
Stock Options (Right to Buy)	11/30/2008 <sup>(2)</sup>	11/30/2017	Common Stock	2,466	\$ 25.79	D	Â
Stock Options (Right to Buy)	12/01/2009 <sup>(3)</sup>	12/01/2018	Common Stock	2,959	\$ 16	D	Â
Stock Options (Right to Buy)	12/01/2010 <sup>(4)</sup>	12/01/2019	Common Stock	3,812	\$ 21.45	D	Â
Stock Options (Right to Buy)	12/01/2011 <sup>(5)</sup>	12/01/2020	Common Stock	6,963	\$ 28.62	D	Â
Stock Options (Right to Buy)	12/01/2012 <sup>(6)</sup>	12/01/2021	Common Stock	7,659	\$ 27.94	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Polezoes Lisa A C/O CABOT MICROELECTRONICS CORPORATION 870 COMMONS DRIVE AURORA, IL 60504	Â	Â	Â VP, Human Resources	Â

## Signatures

/s/ H. Carol Bernstein (Power of Attorney) 10/04/2012

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) Of the amount, 3,714 are still subject to restrictions according to various vesting schedules.
- (2) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date November 30, 2007.
- (3) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date December 1, 2008.
- (4) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date December 1, 2009.
- (5) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date December 1, 2010.
- (6) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date December 1, 2011.

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.