

Naman Ananth  
Form 3  
January 14, 2011

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

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

**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)

|  |         |                                      |  |  |
|--|---------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person *                  |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol                         |  |
| Â Naman Ananth   |         | (Month/Day/Year)                     | CABOT MICROELECTRONICS CORP [CCMP]   |  |
| (Last)   | (First) | (Middle)                             | 01/06/2011   |  |
| C/O CABOT MICROELECTRONICS CORPORATION,Â 870 COMMONS DRIVE |         |                                      | 4. Relationship of Reporting Person(s) to Issuer                           | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)   |         |                                      | (Check all applicable)   |  |
| AURORA,Â ILÂ 60504   |         |                                      | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner       | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
| (City)   | (State) | (Zip)                                | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|  |         |                                      | (give title below) (specify below)   | <input type="checkbox"/> Form filed by More than One Reporting Person  |
|  |         |                                      | VP, Research & Development   |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock <sup>(1)</sup>        | 4,604.78   | 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<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(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 |
|---|---|--|---------------------------|----------------------|--|
|---|---|--|---------------------------|----------------------|--|

## Edgar Filing: Naman Ananth - Form 3

|                              | Date Exercisable          | Expiration Date | (Instr. 4)<br>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) | 12/01/2007 <sup>(2)</sup> | 12/01/2016      | Common Stock        | 450                        | \$ 31.57                     | D  | Â          |
| Stock Options (Right to Buy) | 11/30/2008 <sup>(3)</sup> | 11/30/2017      | Common Stock        | 750                        | \$ 37.4                      | D  | Â          |
| Stock Options (Right to Buy) | 01/21/2009 <sup>(4)</sup> | 01/21/2018      | Common Stock        | 1,250                      | \$ 32.09                     | D  | Â          |
| Stock Options (Right to Buy) | 12/01/2009 <sup>(5)</sup> | 12/01/2018      | Common Stock        | 2,265                      | \$ 23.21                     | D  | Â          |
| Stock Options (Right to Buy) | 12/01/2010 <sup>(6)</sup> | 12/01/2019      | Common Stock        | 4,650                      | \$ 31.11                     | D  | Â          |
| Stock Options (Right to Buy) | 12/01/2011 <sup>(7)</sup> | 12/01/2020      | Common Stock        | 3,024                      | \$ 41.51                     | D  | Â          |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                              |       |
|---|---------------|-----------|------------------------------|-------|
|   | Director      | 10% Owner | Officer                      | Other |
| Naman Ananth<br>C/O CABOT MICROELECTRONICS CORPORATION<br>870 COMMONS DRIVE<br>AURORA, IL 60504 | Â             | Â         | Â VP, Research & Development | Â     |

## Signatures

/s/ H. Carol Bernstein (Power of Attorney) 01/14/2011

\*\*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 this amount, 2,801 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 12/1/2006.
- (3) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date 11/30/2007.
- (4) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date 1/21/2008.
- (5) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date 12/1/2008.
- (6) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date 12/1/2009.
- (7) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date 12/1/2010.

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

## Edgar Filing: Naman Ananth - Form 3

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.