

| 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 or Section 30(h) of the Investment Company Act of 1940

| | | | |
|---|---|---|---|
| 1. Name and Address of Reporting Person* <u>Dysard Jeffrey Michael</u> (Last) (First) (Middle) 870 N. COMMONS DRIVE (Street) AURORA IL 60504 (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) 01/03/2019 | 3. Issuer Name and Ticker or Trading Symbol CABOT MICROELECTRONICS CORP [CCMP] | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) VP and Pres. of Perf. Material | 5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person |

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 ⁽¹⁾ | 5,320.4506 | D | |

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 (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|--|--|---|
| | Date Exercisable | Expiration Date | | | | |
| Stock Options (Right to Buy) | 12/03/2015 ⁽²⁾ | 12/03/2024 | Common Stock 1,213 | 46.45 | D | |
| Stock Options (Right to Buy) | 12/03/2016 ⁽³⁾ | 12/03/2025 | Common Stock 3,086 | 42.37 | D | |
| Stock Options (Right to Buy) | 12/05/2017 ⁽⁴⁾ | 12/05/2026 | Common Stock 3,878 | 60.27 | D | |
| Stock Options (Right to Buy) | 12/05/2018 ⁽⁵⁾ | 12/05/2027 | Common Stock 6,256 | 92.57 | D | |
| Stock Options (Right to Buy) | 12/06/2019 ⁽⁶⁾ | 12/06/2028 | Common Stock 5,548 | 101.73 | D | |

Explanation of Responses:

- Of the amount, 4943 are subject to restrictions according to various vesting schedules.
- 2014 (FY15) Non-Qualified Stock Option Grant Vesting Schedule: 25% 12/03/2015, 25% 12/03/2016, 25% 12/03/2017, 25% 12/03/2018.
- 2015 (FY16) Non-Qualified Stock Option Grant Vesting Schedule: 25% 12/03/2016, 25% 12/03/2017, 25% 12/03/2018, 25% 12/03/2019.
- 2016 (FY17) Non-Qualified Stock Option Grant Vesting Schedule: 25% 12/05/2017, 25% 12/05/2018, 25% 12/05/2019, 25% 12/05/2020.
- 2017 (FY18) Non-Qualified Stock Option Grant Vesting Schedule: 25% 12/05/2018, 25% 12/05/2019, 25% 12/05/2020, 25% 12/05/2021.
- 2018 (FY19) Non-Qualified Stock Option Grant Vesting Schedule: 25% 12/06/2019, 25% 12/06/2020, 25% 12/06/2021, 25% 12/05/2022.

/s/ H. Carol Bernstein (Power of Attorney) 01/09/2019

** Signature of Reporting Person Date

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

* 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).

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

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 Number.