

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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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>Mumford Colleen Elizabeth</u> (Last) (First) (Middle) C/O CABOT MICROELECTRONICS CORPORATION 870 N COMMONS DRIVE (Street) AURORA IL 60504 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 09/30/2019	3. Issuer Name and Ticker or Trading Symbol <u>CABOT MICROELECTRONICS CORP [CCMP]</u>	
		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) <u>VP, Marketing & Communications</u>	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⁾	1,825	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	Title	Amount or Number of Shares			
Stock Options (Right to Buy)	12/03/2013 ⁽²⁾	12/03/2022	Common Stock	640	32.64	D	
Stock Options (Right to Buy)	12/03/2014 ⁽³⁾	12/03/2023	Common Stock	416	44.1	D	
Stock Options (Right to Buy)	12/03/2015 ⁽⁴⁾	12/03/2024	Common Stock	363	46.45	D	
Stock Options (Right to Buy)	12/03/2016 ⁽⁵⁾	12/03/2025	Common Stock	1,324	42.37	D	
Stock Options (Right to Buy)	12/05/2017 ⁽⁶⁾	12/05/2026	Common Stock	2,740	60.27	D	
Stock Options (Right to Buy)	12/05/2018 ⁽⁷⁾	12/05/2027	Common Stock	774	92.57	D	
Stock Options (Right to Buy)	12/06/2019 ⁽⁸⁾	12/06/2028	Common Stock	832	101.73	D	

Explanation of Responses:

- Subject to restrictions according to various vesting schedules.
- 2012 (FY13) Non-Qualified Stock Option Grant Vesting Schedule: 25% 12/03/2013, 25% 12/03/2014, 25% 12/03/2015, 25% 12/03/2016.
- 2013 (FY14) Non-Qualified Stock Option Grant Vesting Schedule: 25% 12/03/2014, 25% 12/03/2015, 25% 12/03/2016, 25% 12/03/2017.
- 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% 12/06/2022.

/s/ H. Carol Bernstein (Power of Attorney) 10/01/2019

** 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.

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