

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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>Naman Ananth</u> (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 <u>CABOT MICROELECTRONICS CORP</u> [CCMP]	5. 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 & Chief Technology Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) 12/10/2018	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	12/10/2018		S		792.2937	D	\$97	12,438.0871	D	
Common Stock	12/11/2018		S		400	D	\$97.1	12,038.0871	D	
Common Stock	12/11/2018		M		400	A	\$46.45	12,438.0871	D	
Common Stock	12/11/2018		s ⁽¹⁾		400	D	\$97.1025	12,038.0871	D	
Common Stock	12/11/2018		S		4,246	D	\$95.8443	7,792.0871	D	
Common Stock	12/11/2018		M		6,011	A	\$46.45	13,803.0871	D	
Common Stock	12/11/2018		s ⁽¹⁾		6,011	D	\$95.6628	7,792.0871	D	
Common Stock	12/11/2018		M		7,850	A	\$42.37	15,642.0871	D	
Common Stock	12/11/2018		s ⁽¹⁾		7,850	D	\$95.6628	7,792.0871	D	
Common Stock	12/11/2018		M		7,235	A	\$95.6628	15,027.0871	D	
Common Stock	12/11/2018		s ⁽¹⁾		7,235	D	\$95.6628	7,792.0871	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Options (Right to Buy)	\$46.45	12/11/2018		M		400		12/03/2015 ⁽²⁾	12/03/2024	Common Stock	400	\$0	6,011	D	
Stock Options (Right to Buy)	\$46.45	12/11/2018		M		6,011		12/03/2015 ⁽²⁾	12/03/2024	Common Stock	6,011	\$0	0	D	

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Options (Right to Buy)	\$42.37	12/11/2018		M			7,850	12/03/2016 ⁽³⁾	12/03/2025	Common Stock	7,850	\$0	3,925	D	
Stock Options (Right to Buy)	\$60.27	12/11/2018		M			7,235	12/05/2017 ⁽⁴⁾	12/05/2026	Common Stock	7,235	\$0	7,365	D	

Explanation of Responses:

1. Sale to cover exercise price of, and taxes related to, cashless exercise of stock options.
2. 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.
3. 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.
4. 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.

/s/ H. Carol Bernstein (Power of Attorney) 12/12/2018

** 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 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).

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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