

ANALOGIC CORP
 Form 4
 September 19, 2016

FORM 4

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

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 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 *
 Frost Mark T

(Last) (First) (Middle)

C/O ANALOGIC CORPORATION, 8 CENTENNIAL DRIVE

(Street)

PEABODY, MA 01960

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 ANALOGIC CORP [ALOG]

3. Date of Earliest Transaction
 (Month/Day/Year)
 09/15/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 SVP, CFO & Treasurer

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

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 Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)		
				(A) or (D)	Code	V	Amount	(D)	Price

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

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction of Derivative	5. Number	6. Date Exercisable and Expiration Date	7. Title and Amount of Underlying Securities	8. Pr
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)	(Instr. 3 and 4)				
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	(1)	09/15/2016	A	V	4,363		(1)	(1)	Common Stock	4,363
Restricted Stock Units	(2)	09/15/2016	A		2,169		(2)	(2)	Common Stock	2,169

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Frost Mark T C/O ANALOGIC CORPORATION 8 CENTENNIAL DRIVE PEABODY, MA 01960			SVP, CFO & Treasurer	

Signatures

/s/ John J. Fry, by Power of Attorney for Mark T. Frost
Date: 09/19/2016

Signature of Reporting Person

Date

Explanation of Responses:

* 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).

(1) The number of Restricted Stock Units ("RSUs") represents the target number of RSUs that may be earned based on the achievement of certain performance criteria. The actual number of RSUs awarded will vary depending on the Company's performance. The performance period will end on July 31, 2019. Thereafter, a determination will be made as to whether and to what extent the performance criteria has been met. If such criteria has been met, the RSUs earned will be converted to common stock and a like number of shares will be issued to the grantee.

(2) The time-based Restricted Stock Units (RSUs) will cliff vest on July 31, 2019. On that date, the RSUs will be converted to common stock and a like number of shares will be issued to the grantee.

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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