

Faltas Mervat
Form 3
February 01, 2011

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

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,
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 and Ticker or Trading Symbol	
Faltas Mervat		(Month/Day/Year)	ANALOGIC CORP [ALOG]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		01/20/2011		
8 CENTENNIAL DRIVE			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
PEABODY, MA 01960			<input checked="" type="checkbox"/> Officer	<input checked="" type="checkbox"/> Other
(City)	(State)	(Zip)	(give title below) (specify below)	
			Sr VP & GM OMG / Sr VP & GM OMG	
			6. Individual or Joint/Group Filing(Check Applicable Line)	
			<input checked="" type="checkbox"/> Form filed by One Reporting Person	
			<input type="checkbox"/> 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	4,586 ⁽¹⁾	D	

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 (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 of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

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				Shares		(I) (Instr. 5)	
Incentive Stock Option (right to buy)	Â (2)	09/20/2012	Common Stock	3,000	\$ 48.54	D	Â
Non-Qualified Stock Option (right to buy)	07/31/2011(3)	09/23/2015	Common Stock	2,582	\$ 62.72	D	Â
Restricted Stock Units	Â (4)	Â (4)	Common Stock	\$ 444	\$ 0	D	Â
Restricted Stock Units	Â (4)	Â (4)	Common Stock	\$ 3,642	\$ 0	D	Â
Restricted Stock Units	Â (4)	Â (4)	Common Stock	\$ 6,894	\$ 0	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Faltas Mervat 8 CENTENNIAL DRIVE PEABODY, MA 01960	Â	Â	Â Sr VP & GM OMG	Sr VP & GM OMG

Signatures

By: John J. Fry by Power of Attorney For: Mervat Faltas 01/31/2011

__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).

The number reported in Box 2 includes 2,683 performance-contingent restricted stock awards. The performance-contingent restricted stock awards represent the target number of shares that may be earned based on the achievement of certain performance criteria. The actual number of shares awarded may vary between 0 and twice the target, depending on the Company's performance.

(1) The options became exercisable in four equal annual installments commencing 2 years from the date of grant, which was 9/20/2005.

(3) Options cliff vest on July 31, 2011.

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 may vary between 0 and twice the target, depending on the Company's performance.

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