# Edgar Filing: ANALOGIC CORP - Form SC 13G

## ANALOGIC CORP Form SC 13G February 20, 2007

CUSIP NO. 032657207 13G

1	Name of Reporting Person / IRS Identification Number: Advisory Research, Inc. / 36-2831881			
2	Check the Appropriate Box if a Member of a Group (a) [] (See Instructions) (b) [X]			
3	SEC Use Only			
4	Citizenship or Place of Organization Delaware			
Nu	mber of	5	Sole Voting Power	
Shares			730840	
Beneficially		6	Shared Voting Power	
Owned By			0 Shares	
Each		7	Sole Dispositive Power 730840	
Reporting				
Person With		8	Shared Dispositive Power O Shares	
9	9 Aggregate Amount Beneficially Owned by Each Reporting Person 730840			
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares [] (See Instructions)			
11	Percent of Class Represented by Amount in Row (9) 5.234			
12	Type of Repo	rting	Person	
Item Item	1 (b) Na 8	me of	Issuer: Analogic Corp. Issuer's Principal Executive Offices: nial Dr. MA 01960	

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Item 2 (a) Person Filing - Advisory Research, Inc. Ttem 2 (b) Address - 180 North Stetson St., Suite 5500 Chicago, IL 60601 Item 2 (c) Citizenship - Advisory Research, Inc.is a Delaware Corporation Item 2 (d) Title of Class of Securities - Common (e) CUSIP Number - 032657207 Item 2 If this statement is filed pursuant to Rules Item 3 13d-1(b) or 13d-2(b), check whether the person filing is a: (a) [ ] Broker or Dealer registered under Section 15 of the Act (b) [ ] Bank as defined in Section 3(a)(6) of the (c) [ ] Insurance Company as defined in Section 3(a)(19) of the Act (d) [ ] Investment Company registered under Section 8 of the Investment Company Act (e) [X] Investment Advisor in accordance with section 240.13d-1(b)(1)(ii)(E) (f) [ ] Employee Benefit Plan or Endowment Fund in accordance with section 240.13d-1(b) (1)(ii)(F) (g) [ ] Parent Holding Company or Control Person in accordance with secton 13d-1(b) (1)(ii)(G) (h) [ ] A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (i) [ ] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 Item 4 Ownership (a) Amount Beneficially Owned: Advisory Research, Inc. 730840Shares (b) Percent of Class 5.234 (c) Number of shares as to which reporting person has: (i) Sole Voting Power 730840Shares
(ii) Shared Voting Power 0 Shares (iii) Sole Dispositive Power 730840Shares (iv) Shared Dispositive Power 0 Shares

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- Item 5 Ownership of Five Percent or Less of a Class:

  If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following []
- Item 6 Ownership of More than Five Percent on Behalf of Another Person: Not Applicable
- Item 7 Identification and Classification of the Subsidiary Which Acquired the Security being Reported on by the Parent Holding Company: Not Applicable
- Item 9 Notice of Dissolution of Group: Not Applicable

#### Item 10 Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of such securities and were not acquired and are not held in connection with or as a participant in any transaction having such purposes or effect.

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

02/15/2007

Date

/s/ Brien M. O'Brien

Signature

Brien M. O'Brien, President

Name/Title