

ANALOGIC CORP  
Form SC 13D/A  
October 27, 2010

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

SCHEDULE 13D  
(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT  
TO § 240.13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO  
§ 240.13d-2(a)

(Amendment No. 1)1

Analogic Corporation

(Name of Issuer)

Common Stock, \$.05 Par Value  
(Title of Class of Securities)

032657207

(CUSIP Number)

MARK MITCHELL  
RAMIUS LLC  
599 Lexington Avenue, 20th Floor  
New York, New York 10022  
(212) 845-7988

STEVEN WOLOSKY, ESQ.  
OLSHAN GRUNDMAN FROME ROSENZWEIG & WOLOSKY LLP  
Park Avenue Tower  
65 East 55th Street  
New York, New York 10022  
(212) 451-2300

(Name, Address and Telephone Number of Person

Authorized to Receive Notices and Communications)

October 25, 2010

(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box " .

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See § 240.13d-7 for other parties to whom copies are to be sent.

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1 The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

RAMIUS VALUE AND OPPORTUNITY MASTER FUND LTD

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a)   
GROUP (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

WC

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

|   |    |                          |
|---|----|--------------------------|
| NUMBER OF<br>SHARES<br>BENEFICIALLY<br>OWNED BY<br>EACH<br>REPORTING<br>PERSON WITH | 7  | SOLE VOTING POWER        |
|   |    | 298,780                  |
|   | 8  | SHARED VOTING POWER      |
|   |    | - 0 -                    |
|   | 9  | SOLE DISPOSITIVE POWER   |
|   |    | 298,780                  |
|   | 10 | SHARED DISPOSITIVE POWER |

- 0 -

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

298,780

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11)   
EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

2.3%

14 TYPE OF REPORTING PERSON

CO

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

RAMIUS NAVIGATION MASTER FUND LTD

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)  (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

WC

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

|   |    |                                 |
|---|----|---------------------------------|
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 7  | SOLE VOTING POWER               |
|   | 8  | 88,290 SHARED VOTING POWER      |
|   | 9  | - 0 - SOLE DISPOSITIVE POWER    |
|   | 10 | 88,290 SHARED DISPOSITIVE POWER |

- 0 -

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

88,290

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

Less than 1%

14 TYPE OF REPORTING PERSON

OO

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

RCG PB, LTD

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

WC

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

|   |    |                          |
|---|----|--------------------------|
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 7  | SOLE VOTING POWER        |
|   |    | 233,310                  |
|   | 8  | SHARED VOTING POWER      |
|   |    | - 0 -                    |
|   | 9  | SOLE DISPOSITIVE POWER   |
|   |    | 233,310                  |
|   | 10 | SHARED DISPOSITIVE POWER |
|   |    | - 0 -                    |

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

233,310

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

1.8%

14 TYPE OF REPORTING PERSON

OO

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

RAMIUS ENTERPRISE MASTER FUND LTD

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

|   |    |                                    |
|---|----|------------------------------------|
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 7  | SOLE VOTING POWER                  |
|   | 8  | 88,290<br>SHARED VOTING POWER      |
|   | 9  | - 0 -<br>SOLE DISPOSITIVE POWER    |
|   | 10 | 88,290<br>SHARED DISPOSITIVE POWER |

- 0 -

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

88,290

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

Less than 1%

14 TYPE OF REPORTING PERSON

OO

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

RAMIUS ADVISORS, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

|   |    |                          |
|---|----|--------------------------|
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 7  | SOLE VOTING POWER        |
|   |    | 321,600                  |
|   | 8  | SHARED VOTING POWER      |
|   |    | - 0 -                    |
|   | 9  | SOLE DISPOSITIVE POWER   |
|   |    | 321,600                  |
|   | 10 | SHARED DISPOSITIVE POWER |
|   |    | - 0 -                    |

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

321,600

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

2.5%

14 TYPE OF REPORTING PERSON

OO

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

RAMIUS VALUE AND OPPORTUNITY ADVISORS LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

|   |    |                          |
|---|----|--------------------------|
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 7  | SOLE VOTING POWER        |
|   |    | 298,780                  |
|   | 8  | SHARED VOTING POWER      |
|   |    | - 0 -                    |
|   | 9  | SOLE DISPOSITIVE POWER   |
|   |    | 298,780                  |
|   | 10 | SHARED DISPOSITIVE POWER |

- 0 -

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

298,780

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

2.3%

14 TYPE OF REPORTING PERSON

OO



CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

RAMIUS LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

|   |    |                          |
|---|----|--------------------------|
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 7  | SOLE VOTING POWER        |
|   |    | 620,380                  |
|   | 8  | SHARED VOTING POWER      |
|   |    | - 0 -                    |
|   | 9  | SOLE DISPOSITIVE POWER   |
|   |    | 620,380                  |
|   | 10 | SHARED DISPOSITIVE POWER |
|   |    | - 0 -                    |

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

620,380

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.8%

14 TYPE OF REPORTING PERSON

OO

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

COWEN GROUP, INC.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

|   |    |                          |
|---|----|--------------------------|
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 7  | SOLE VOTING POWER        |
|   |    | 620,380                  |
|   | 8  | SHARED VOTING POWER      |
|   |    | - 0 -                    |
|   | 9  | SOLE DISPOSITIVE POWER   |
|   |    | 620,380                  |
|   | 10 | SHARED DISPOSITIVE POWER |
|   |    | - 0 -                    |

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

620,380

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.8%

14 TYPE OF REPORTING PERSON

CO

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

RCG HOLDINGS LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a)   
GROUP (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

|                          |    |                          |
|--------------------------|----|--------------------------|
| NUMBER OF<br>SHARES      | 7  | SOLE VOTING POWER        |
| BENEFICIALLY<br>OWNED BY |    | 620,380                  |
| EACH                     | 8  | SHARED VOTING POWER      |
| REPORTING                |    | - 0 -                    |
| PERSON WITH              | 9  | SOLE DISPOSITIVE POWER   |
|                          |    | 620,380                  |
|                          | 10 | SHARED DISPOSITIVE POWER |

- 0 -

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

620,380

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11)   
EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.8%

14 TYPE OF REPORTING PERSON

OO

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

C4S & CO., L.L.C.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a)   
GROUP (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

|   |    |                          |
|---|----|--------------------------|
| NUMBER OF<br>SHARES<br>BENEFICIALLY<br>OWNED BY<br>EACH<br>REPORTING<br>PERSON WITH | 7  | SOLE VOTING POWER        |
|   |    | 620,380                  |
|   | 8  | SHARED VOTING POWER      |
|   |    | - 0 -                    |
|   | 9  | SOLE DISPOSITIVE POWER   |
|   |    | 620,380                  |
|   | 10 | SHARED DISPOSITIVE POWER |
|   |    | - 0 -                    |

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

620,380

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11)   
EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.8%

14 TYPE OF REPORTING PERSON

OO

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

PETER A. COHEN

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a)   
GROUP (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

USA

|   |    |                                   |
|---|----|-----------------------------------|
| NUMBER OF<br>SHARES<br>BENEFICIALLY<br>OWNED BY<br>EACH<br>REPORTING<br>PERSON WITH | 7  | SOLE VOTING POWER                 |
|   | 8  | - 0 -<br>SHARED VOTING POWER      |
|   | 9  | 620,380<br>SOLE DISPOSITIVE POWER |
|   | 10 | - 0 -<br>SHARED DISPOSITIVE POWER |
|   |    | 620,380                           |

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

620,380

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11)   
EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.8%

14 TYPE OF REPORTING PERSON

IN

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

MORGAN B. STARK

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

USA

|   |    |                                   |
|---|----|-----------------------------------|
| NUMBER OF<br>SHARES<br>BENEFICIALLY<br>OWNED BY<br>EACH<br>REPORTING<br>PERSON WITH | 7  | SOLE VOTING POWER                 |
|   | 8  | - 0 -<br>SHARED VOTING POWER      |
|   | 9  | 620,380<br>SOLE DISPOSITIVE POWER |
|   | 10 | - 0 -<br>SHARED DISPOSITIVE POWER |
|   |    | 620,380                           |

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

620,380

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.8%

14 TYPE OF REPORTING PERSON

IN

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

JEFFREY M. SOLOMON

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

USA

|   |    |                          |
|---|----|--------------------------|
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 7  | SOLE VOTING POWER        |
|   |    | - 0 -                    |
|   | 8  | SHARED VOTING POWER      |
|   |    | 620,380                  |
|   | 9  | SOLE DISPOSITIVE POWER   |
|   |    | - 0 -                    |
|   | 10 | SHARED DISPOSITIVE POWER |
|   |    | 620,380                  |

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

620,380

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.8%

14 TYPE OF REPORTING PERSON

IN

CUSIP NO. 032657207

1 NAME OF REPORTING PERSON

THOMAS W. STRAUSS

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

USA

|   |    |                                   |
|---|----|-----------------------------------|
| NUMBER OF<br>SHARES<br>BENEFICIALLY<br>OWNED BY<br>EACH<br>REPORTING<br>PERSON WITH | 7  | SOLE VOTING POWER                 |
|   | 8  | - 0 -<br>SHARED VOTING POWER      |
|   | 9  | 620,380<br>SOLE DISPOSITIVE POWER |
|   | 10 | - 0 -<br>SHARED DISPOSITIVE POWER |
|   |    | 620,380                           |

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

620,380

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.8%

14 TYPE OF REPORTING PERSON

IN



CUSIP NO. 032657207

The following constitutes Amendment No. 1 to the Schedule 13D filed by the undersigned (“Amendment No. 1”). This Amendment No. 1 amends the Schedule 13D as specifically set forth.

Item 2.