

ELECTRO SCIENTIFIC INDUSTRIES INC  
Form SC 13D/A  
April 21, 2016

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. 4)1

(Name of Issuer)  
Electro Scientific Industries, Inc.

Common Stock, without par value  
(Title of Class of Securities)

285229100  
(CUSIP Number)

ERIC SINGER  
VIE X CAPITAL ADVISORS, LLC  
825 Third Avenue, 33rd Floor  
New York, New York 10022

STEVE WOLOSKY, ESQ.  
OLSHAN FROME WOLOSKY LLP  
1325 Avenue of the Americas  
New York, New York 10019  
(212) 451-2300

(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

April 19, 2016  
(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.

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. 285229100

1 NAME OF REPORTING PERSON

VIEX Opportunities Fund, LP - Series One

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

DELAWARE

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER
	8	- 0 - SHARED VOTING POWER
	9	463,158 SOLE DISPOSITIVE POWER
	10	- 0 - SHARED DISPOSITIVE POWER

463,158

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

463,158

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

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

1.5%

14 TYPE OF REPORTING PERSON

PN

CUSIP NO. 285229100

1 NAME OF REPORTING PERSON

VIEX Special Opportunities Fund II, LP

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

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

DELAWARE

NUMBER OF 7 SOLE VOTING POWER  
SHARES

BENEFICIALLY - 0 -  
OWNED BY 8 SHARED VOTING POWER

EACH 1,037,550  
REPORTING 9 SOLE DISPOSITIVE POWER  
PERSON WITH

- 0 -  
10 SHARED DISPOSITIVE POWER

1,037,550

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,037,550

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

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

3.3%

14 TYPE OF REPORTING PERSON

PN

CUSIP NO. 285229100

1 NAME OF REPORTING PERSON

VIEX GP, LLC

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

3 SEC USE ONLY

4 SOURCE OF FUNDS

AF

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	7	SOLE VOTING POWER
SHARES		
BENEFICIALLY		- 0 -
OWNED BY	8	SHARED VOTING POWER
EACH		
REPORTING		463,158
PERSON WITH	9	SOLE DISPOSITIVE POWER
	10	- 0 -
		SHARED DISPOSITIVE POWER

463,158

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

463,158

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

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

1.5%

14 TYPE OF REPORTING PERSON

OO

CUSIP NO. 285229100

1 NAME OF REPORTING PERSON

VIEX Special Opportunities GP II, LLC

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

3 SEC USE ONLY

4 SOURCE OF FUNDS

AF

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	7	SOLE VOTING POWER
SHARES		
BENEFICIALLY		- 0 -
OWNED BY	8	SHARED VOTING POWER
EACH		
REPORTING		1,037,550
PERSON WITH	9	SOLE DISPOSITIVE POWER
	10	- 0 -
		SHARED DISPOSITIVE POWER
		1,037,550

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,037,550

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

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

3.3%

14 TYPE OF REPORTING PERSON

OO

CUSIP NO. 285229100

1 NAME OF REPORTING PERSON

VIEX Capital Advisors, LLC

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

3 SEC USE ONLY

4 SOURCE OF FUNDS

AF

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	7	SOLE VOTING POWER
SHARES		
BENEFICIALLY		- 0 -
OWNED BY	8	SHARED VOTING POWER
EACH		
REPORTING		1,500,708
PERSON WITH	9	SOLE DISPOSITIVE POWER
	10	- 0 -
		SHARED DISPOSITIVE POWER
		1,500,708

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,500,708

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

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

4.8%

14 TYPE OF REPORTING PERSON

IA

CUSIP NO. 285229100

1 NAME OF REPORTING PERSON

Eric Singer

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

3 SEC USE ONLY

4 SOURCE OF FUNDS

AF

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
	8	- 0 - SHARED VOTING POWER
	9	1,500,708 SOLE DISPOSITIVE POWER
	10	- 0 - SHARED DISPOSITIVE POWER
		1,500,708

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,500,708

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. 285229100

The following constitutes Amendment No. 4 to the Schedule 13D filed by the undersigned ("Amendment No. 4"). This Amendment No. 4 amends the Schedule 13D as specifically set forth herein.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 is hereby amended and restated to read as follows:

The Shares purchased by each of Series One and VSO II were purchased with working capital (which may, at any given time, include margin loans made by brokerage firms in the ordinary course of business) in open market purchases, except as otherwise noted, as set forth in Schedule A, which is incorporated by reference herein. The aggregate purchase price of the 463,158 Shares beneficially owned by Series One is approximately \$2,533,219, excluding brokerage commissions. The aggregate purchase price of the 1,037,550 Shares beneficially owned by VSO II is approximately \$4,642,732, excluding brokerage commissions.

Item 5. Interest in Securities of the Issuer.

Item 5 is hereby amended and restated to read as follows:

The aggregate percentage of Shares reported owned by each Reporting Person is based upon 31,127,287 Shares outstanding, which is the total number of Shares outstanding as of February 5, 2016 as reported in the Issuer's Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on February 9, 2016.

A. Series One

(a) As of the close of business on April 20, 2016, Series One beneficially owned 463,158 Shares.

Percentage: Approximately 1.5%

- (b)
1. Sole power to vote or direct vote: 0
  2. Shared power to vote or direct vote: 463,158
  3. Sole power to dispose or direct the disposition: 0
  4. Shared power to dispose or direct the disposition: 463,158

(c) The transactions in the Shares by Series One since the filing of Amendment No. 3 are set forth in Schedule A and are incorporated herein by reference.

B. VSO II

(a) As of the close of business on April 20, 2016, VSO II beneficially owned 1,037,550 Shares.

Percentage: Approximately 3.3%

- (b)
1. Sole power to vote or direct vote: 0
  2. Shared power to vote or direct vote: 1,037,550

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3. Sole power to dispose or direct the disposition: 0
4. Shared power to dispose or direct the disposition: 1,037,550

(c) The transactions in the Shares by VSO II since the filing of Amendment No. 3 are set forth in Schedule A and are incorporated herein by reference.

C. VIEX GP

(a) VIEX GP, as the general partner of Series One, may be deemed the beneficial owner of the 463,158 Shares owned by Series One.

Percentage: Approximately 1.5%

- (b)
  1. Sole power to vote or direct vote: 0
  2. Shared power to vote or direct vote: 463,158
  3. Sole power to dispose or direct the disposition: 0
  4. Shared power to dispose or direct the disposition: 463,158

(c) VIEX GP has not entered into any transactions in the Shares since the filing of Amendment No. 3. The transactions in the Shares on behalf of Series One since the filing of Amendment No. 3 are set forth in Schedule A and are incorporated herein by reference.

D. VSO GP II

(a) VSO GP II, as the general partner of VSO II, may be deemed the beneficial owner of the 1,037,550 Shares owned by VSO II.

Percentage: Approximately 3.3%

- (b)
  1. Sole power to vote or direct vote: 0
  2. Shared power to vote or direct vote: 1,037,550
  3. Sole power to dispose or direct the disposition: 0
  4. Shared power to dispose or direct the disposition: 1,037,550

(c) VSO GP II has not entered into any transactions in the Shares since the filing of Amendment No. 3. The transactions in the Shares on behalf of VSO II since the filing of Amendment No. 3 are set forth in Schedule A and are incorporated herein by reference.

E. VIEX Capital

(a) VIEX Capital, as the investment manager of Series One and VSO II, may be deemed the beneficial owner of the (i) 463,158 Shares owned by Series One and (ii) 1,037,550 Shares owned by VSO II.

Percentage: Approximately 4.8%

- (b)
  1. Sole power to vote or direct vote: 0
  2. Shared power to vote or direct vote: 1,500,708



CUSIP NO. 285229100

- 3. Sole power to dispose or direct the disposition: 0
- 4. Shared power to dispose or direct the disposition: 1,500,708

(c) VIEX Capital has not entered into any transactions in the Shares since the filing of Amendment No. 3. The transactions in the Shares on behalf of each of Series One and VSO II since the filing of Amendment No. 3 are set forth in Schedule A and are incorporated herein by reference.

F. Eric Singer

(a) Mr. Singer, as the managing member of VIEX GP, VSO GP II and VIEX Capital, may be deemed the beneficial owner of the (i) 463,158 Shares owned by Series One and (ii) 1,037,550 Shares owned by VSO II.

Percentage: Approximately 4.8%

- (b)
  - 1. Sole power to vote or direct vote: 0
  - 2. Shared power to vote or direct vote: 1,500,708
  - 3. Sole power to dispose or direct the disposition: 0
  - 4. Shared power to dispose or direct the disposition: 1,500,708

(c) Mr. Singer has not entered into any transactions in the Shares since the filing of Amendment No. 3. The transactions in the Shares on behalf of each of Series One and VSO II since the filing of Amendment No. 3 are set forth in Schedule A and are incorporated herein by reference.

The filing of this Amendment No. 4 shall not be construed as an admission that the Reporting Persons are, for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, the beneficial owners of any of the Shares reported herein. Each Reporting Person disclaims beneficial ownership of such Shares except to the extent of his or its pecuniary interest therein.

- (d) No person other than the Reporting Persons is known to have the right to receive, or the power to direct the receipt of dividends from, or proceeds from the sale of, the Shares.
  - (e) As of April 19, 2016, the Reporting Persons ceased to be the beneficial owners of more than 5% of the outstanding Shares of the Issuer.
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CUSIP NO. 285229100

SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: April 21, 2016

VIEX Opportunities Fund, LP – Series One

By: VIEX GP, LLC  
General Partner

By: /s/ Eric Singer  
Name: Eric Singer  
Title: Managing Member

VIEX GP, LLC

By: /s/ Eric Singer  
Name: Eric Singer  
Title: Managing Member

VIEX Special Opportunities Fund II, LP

By: VIEX Special Opportunities GP II, LLC  
General Partner

By: /s/ Eric Singer  
Name: Eric Singer  
Title: Managing Member

VIEX Special Opportunities GP II, LLC

By: /s/ Eric Singer  
Name: Eric Singer  
Title: Managing Member

VIEX Capital Advisors, LLC

By: /s/ Eric Singer  
Name: Eric Singer  
Title: Managing Member

/s/ Eric Singer  
Eric Singer

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CUSIP NO. 285229100

## SCHEDULE A

## Transactions in the Shares Since the Filing of Amendment No. 3

Nature of the Transaction	Securities Purchased/(Sold)	Price Per Share(\$)	Date of Purchase / Sale
VIEX OPPORTUNITIES FUND, LP – SERIES ONE			
Sale of Common Stock	(6,525)	6.9703	03/07/2016
Sale of Common Stock	(21,678)	6.8896	03/08/2016
Sale of Common Stock	(26,073)	6.9892	03/09/2016
Sale of Common Stock	(6,239)	6.9834	03/10/2016
Sale of Common Stock	(10,245)	6.9065	03/11/2016
Sale of Common Stock	(2,929)	7.0888	03/14/2016
Sale of Common Stock	(7,615)	6.9445	03/17/2016
Sale of Common Stock	(3,261)	6.9706	03/18/2016
Sale of Common Stock	(5,111)	6.9522	03/21/2016
Sale of Common Stock	(642)	6.9545	03/23/2016
Sale of Common Stock	(12,436)	7.0051	03/24/2016
Sale of Common Stock	(127)	7.0700	03/28/2016
Sale of Common Stock	(15,108)	7.4407	04/19/2016
Sale of Common Stock	(4,264)	7.3196	04/20/2016

## VIEX SPECIAL OPPORTUNITIES FUND II, LP

Sale of Common Stock	(13,790)	6.9703	03/07/2016
Sale of Common Stock	(45,819)	6.8896	03/08/2016
Sale of Common Stock	(55,108)	6.9892	03/09/2016
Sale of Common Stock	(13,186)	6.9834	03/10/2016
Sale of Common Stock	(21,654)	6.9065	03/11/2016
Sale of Common Stock	(6,190)	7.0888	03/14/2016
Sale of Common Stock	(16,094)	6.9445	03/17/2016
Sale of Common Stock	(6,894)	6.9706	03/18/2016
Sale of Common Stock	(10,803)	6.9522	03/21/2016
Sale of Common Stock	(1,358)	6.9545	03/23/2016
Sale of Common Stock	(26,286)	7.0051	03/24/2016
Sale of Common Stock	(268)	7.0700	03/28/2016
Sale of Common Stock	(31,933)	7.4407	04/19/2016
Sale of Common Stock	(9,012)	7.3196	04/20/2016