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

#### SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 3)\*

SunEdison Semiconductor Ltd

(Name of Issuer)

Common Stock

(Title of Class of Securities)

Y8213L102

(CUSIP Number)

September 30, 2016

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- x Rule 13d-1(b)
- o Rule 13d-1(c)
- o Rule 13d-1(d)

The information required in 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).

<sup>\*</sup> 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 the disclosures provided in a prior cover page.

CUSIP Y8213L102 No. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 1 The Baupost Group, L.L.C. 04-3402144 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) x SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 The Commonwealth of Massachusetts **SOLE VOTING POWER** 5 0 NUMBER OF SHARED VOTING POWER **SHARES** BENEFICIALLY 6 **OWNED BY** 0 **EACH** REPORTING SOLE DISPOSITIVE POWER PERSON WITH: 7 0 SHARED DISPOSITIVE POWER 8 0 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

0

10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)				
	o				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	0%				
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				
	IA				
	FOOTNOTES				

CUSIP Y8213L102 No. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 1 **SAK Corporation** 04-3334541 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) x SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 The Commonwealth of Massachusetts **SOLE VOTING POWER** 5 0 NUMBER OF SHARED VOTING POWER **SHARES** BENEFICIALLY 6 **OWNED BY** 0 **EACH** REPORTING SOLE DISPOSITIVE POWER PERSON WITH: 7 0 SHARED DISPOSITIVE POWER 8 0 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

0

10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)				
	0				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	0%				
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				
	HC				
	FOOTNOTES				

CUSIP Y8213L102 No. NAMES OF REPORTING PERSONS 1 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Seth A. Klarman CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) x SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 The United States of America **SOLE VOTING POWER** 5 0 NUMBER OF SHARED VOTING POWER **SHARES** BENEFICIALLY 6 OWNED BY 0 **EACH** REPORTING SOLE DISPOSITIVE POWER PERSON WITH: 7 0 SHARED DISPOSITIVE POWER 8 0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0

9

10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)				
	0				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	0%				
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				
	НС				
	FOOTNOTES				

Item 1. Name of Issuer (a) SunEdison Semiconductor Ltd Address of Issuer's Principal Executive Offices (b) 501 Pearl Drive St. Peters, Missouri 63376 Item 2. (a) Name of Person Filing The Baupost Group, L.L.C. (1) (2) **SAK Corporation** Seth A. Klarman (3) (b) Address of Principal Business Office or, if none, Residence The Baupost Group, L.L.C. (1)10 St. James Avenue, Suite 1700 Boston, Massachusetts 02116 (2)**SAK** Corporation 10 St. James Avenue, Suite 1700 Boston, Massachusetts 02116 Seth A. Klarman (3)10 St. James Avenue, Suite 1700 Boston, Massachusetts 02116 (c) Citizenship (1) The Baupost Group, L.L.C.: The Commonwealth of Massachusetts SAK Corporation: The Commonwealth of Massachusetts (2) Seth A. Klarman: The United States of America (3) Title of Class of Securities (d) Common Stock **CUSIP** Number (e) Y8213L102 Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(d) o Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).

Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).

Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).

Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).

(a)

(c)

(b)

o

o

o

- (e) x An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) o An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g) x A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) o A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) oA church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
  - (j) o A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J).
- (k) o A group, in accordance with § 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

	(a)	(1) (2) (3)	Amount beneficially owned:  The Baupost Group, L.L.C.: 0 SAK Corporation: 0 Seth A. Klarman: 0
	(b)	(1) (2)	Percent of class: The Baupost Group, L.L.C.: 0% SAK Corporation: 0% Seth A. Klarman: 0%
(c)		(3) Numbe	er of shares as to which the person has:
(i)		Sole (1)	te power to vote or to direct the vote:  The Baupost Group, L.L.C.: 0  (2) SAK Corporation: 0  (3) Seth A. Klarman: 0
(ii)		Share (1)	ced power to vote or to direct the vote:  The Baupost Group, L.L.C.: 0  (2) SAK Corporation: 0  (3) Seth A. Klarman: 0
(iii)		Sole power (1)	to dispose or to direct the disposition of:  The Baupost Group, L.L.C.: 0  (2) SAK Corporation: 0  (3) Seth A. Klarman: 0
(iv)		Shared power (1)	to dispose or to direct the disposition of: The Baupost Group, L.L.C.: 0  (2) SAK Corporation: 0  (3) Seth A. Klarman: 0

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 x.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Securities reported on this statement on Schedule 13G as being beneficially owned by Baupost were purchased on behalf of various private investment limited partnerships.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

See footnote.

Item 8. Identification and Classification of Members of the Group

N/A

Item 9. Notice of Dissolution of Group

N/A

Item Certification 10.

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 the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under §240.14a-11.

#### **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.

### The Baupost Group, L.L.C.

Date: October 07, 2016 By: /s/ Seth A. Klarman

Name: Seth A. Klarman

Title: Chief Executive Officer and

President

## **SAK Corporation**

Date: October 07, 2016 By: /s/ Seth A. Klarman

Name: Seth A. Klarman

Title: President

## Seth A. Klarman

Date: October 07, 2016 By: /s/ Seth A. Klarman

Name: Seth A. Klarman

Footnotes: Item 3, Item 4 and Item 7

This statement on Schedule 13G is being jointly filed by The Baupost Group, L.L.C. ("Baupost"), SAK Corporation and Seth A. Klarman. Baupost is a registered investment adviser and acts as an investment adviser and general partner to various private investment limited partnerships. Securities reported on this

statement on Schedule 13G as being beneficially owned by Baupost were purchased on behalf of certain of such partnerships. SAK Corporation, as the Manager of Baupost, and Mr. Klarman, as the sole shareholder of SAK Corporation and a controlling person of Baupost, may be deemed to have beneficial ownership under Section 13 of the Securities Exchange Act of 1934, as amended, of the securities beneficially owned by Baupost.

Pursuant to Rule 13d-4, Seth A. Klarman and SAK Corporation declare that the filing of this statement on Schedule 13G shall not be deemed an admission by either or both of them that they are, for the purposes of Section 13 of the Securities Exchange Act of 1934, as amended, the beneficial owner of any securities covered by this statement on Schedule 13G.

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)