

Saifun Semiconductors Ltd.  
Form 6-K  
November 14, 2007

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**SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

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**FORM 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER**

**Pursuant to Rule 13a-16 or 15d-16 of the  
Securities Exchange Act of 1934**

For the month of: November 2007

Commission File No.: 000-51581

**Saifun Semiconductors Ltd.**

(Exact name of registrant as specified in charter)

**6 Arie Regev Street,**

**Sappir Industrial Park, Netanya 42504, Israel**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If yes is marked, indicate below the File Number assigned to the registrant in connection with Rule 12g3-2(b): \_\_\_\_\_.

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**EXPLANATORY NOTE**

On November 13, 2007, Saifun Semiconductors Ltd. first publicly disseminated a communication to its shareholders relating to its proposed merger with a wholly-owned subsidiary of Spansion Inc. named Atlantic Star Merger Sub Ltd., as a result of which Saifun would survive as a wholly owned subsidiary of Spansion.

The following documents, which are attached hereto, relating to such proposed merger are incorporated by reference herein:

## Edgar Filing: Saifun Semiconductors Ltd. - Form 6-K

- 99.1 Letter to Shareholders, Notice and Proxy Statement of Special General Meeting of Shareholders
- 99.2 Annex A Agreement and Plan of Merger and Reorganization
- 99.3 Annex B Opinion of Saifun's Financial Advisor
- 99.4 Annex C English Translation of Application to, and Order of, the Israeli Court.
- 99.5 Annex D Form of Voting Undertaking

2

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### SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

SAIFUN SEMICONDUCTORS LTD.

Date: November 13, 2007

By: /s/ Igal Shany

Igal Shany  
Chief Financial Officer

3

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### EXHIBIT INDEX

The following exhibit is filed as part of this Form 6-K:

Exhibit            Description

<b>Exhibit No.</b>	<b>Description</b>
99.1	Letter to Shareholders, Notice and Proxy Statement of Special General Meeting of Shareholders
99.2	Annex A - Agreement and Plan of Merger and Reorganization
99.3	Annex B - Opinion of Saifun's Financial Advisor
99.4	Annex C - English Translation of Application to, and Order of, the Israeli Court.
99.5	Annex D - Form of Voting Undertaking

4

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