

SCHEDULE 13G

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

Tower Semiconductor Ltd.
(Name of Issuer)

Ordinary Shares, par value NIS 15.00 per share
(Title of Class of Securities)

M87915274
(CUSIP Number)

June 22, 2018
(Date of Event Which Requires Filing of this Statement)

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

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

(Page 1 of 8 Pages)

*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.

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).

1	NAME OF REPORTING PERSON Senvest Management, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 5,007,892 (including 100,000 Ordinary Shares issuable upon exercise of options)
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 5,007,892 (including 100,000 Ordinary Shares issuable upon exercise of options)
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 5,007,892 (including 100,000 Ordinary Shares issuable upon exercise of options)	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.1%	
12	TYPE OF REPORTING PERSON OO, IA	

1	NAME OF REPORTING PERSON Richard Mashaal	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Canada	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 5,007,892 (including 100,000 Ordinary Shares issuable upon exercise of options)
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 5,007,892 (including 100,000 Ordinary Shares issuable upon exercise of options)
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 5,007,892 (including 100,000 Ordinary Shares issuable upon exercise of options)	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.1%	
12	TYPE OF REPORTING PERSON IN, HC	

Item 1(a). Name of Issuer.

Tower Semiconductor Ltd. (the "Issuer")

Item 1(b). Address of Issuer's Principal Executive Offices.

Ramat Gavriel Industrial Park
P.O. Box 619, Migdal Haemek, Israel 2310502

Item 2(a). Name of Person Filing.

This statement is filed by Senvest Management, LLC and Richard Mashaal.

The reported securities are held in the accounts of Senvest Master Fund, LP, Senvest Israel Partners Master Fund, LP and Senvest Global (KY), LP (collectively, the "Investment Vehicles").

Senvest Management, LLC may be deemed to beneficially own the securities held by the Investment Vehicles by virtue of Senvest Management, LLC's position as investment manager of each of the Investment Vehicles. Mr. Mashaal may be deemed to beneficially own the securities held by the Investment Vehicles by virtue of Mr. Mashaal's status as the managing member of Senvest Management, LLC. None of the foregoing should be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of the securities reported herein.

Item 2(b). Address of Principal Business Office.

Senvest Management, LLC
540 Madison Avenue, 32nd Floor
New York, New York 10022

Richard Mashaal
c/o Senvest Management, LLC
540 Madison Avenue, 32nd Floor
New York, New York 10022

Item 2(c). Place of Organization.

Senvest Management, LLC – Delaware
Richard Mashaal – Canada

Item 2(d). Title of Class of Securities.

Ordinary Shares, par value NIS 15.00 per share

Item 2(e). CUSIP Number.

M87915274

- 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:**
- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
 - (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
 - (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
 - (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
 - (e) An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
 - (f) An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
 - (g) A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
 - (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C.1813);
 - (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 (15 U.S.C. 80a-3);
 - (j) A non-U.S. institution in accordance with §240.13d-1(b)(1)(ii)(J);
 - (k) Group, in accordance with §240.13d-1(b)(1)(ii)(K).

If filing as a non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J), please specify the type of institution: _____

Item 4. Ownership.

The information required by Items 4(a) – (c) is set forth in Rows (5) – (11) of the cover page for each Reporting Person hereto and is incorporated herein by reference for each such Reporting Person. The percentages set forth in this Schedule 13G are calculated based upon an aggregate of 99,014,178 Ordinary Shares outstanding as of May 15, 2018 as reported in Exhibit 99.1 attached to the Issuer's Report of Foreign Private Issuer on Form 6-K filed with the Securities and Exchange Commission on May 24, 2018.

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

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

The Investment Vehicles have the right to receive and the power to direct the receipt of dividends from, and the proceeds from the sale of the Ordinary Shares.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

By signing below each Reporting Person certifies that, to the best of his or its knowledge and belief, the securities referred to above 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.

SIGNATURE

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

Date: June 25, 2018

SENVEST MANAGEMENT, LLC

By: /s/ Bobby Trahanas
Name: Bobby Trahanas
Title: Chief Compliance Officer

/s/ Richard Mashaal
RICHARD MASHAAL

Exhibit A

JOINT FILING AGREEMENT

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing agreements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him or it contained herein and therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that he or it knows or has reason to believe that such information is inaccurate.

Date: June 25, 2018

SENVEST MANAGEMENT, LLC

By: /s/ Bobby Trahanas

Name: Bobby Trahanas

Title: Chief Compliance Officer

/s/ Richard Mashaal

RICHARD MASHAAL