
FORM 6-K

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

For the month September 2018 No. 1

TOWER SEMICONDUCTOR LTD.

(Translation of registrant's name into English)

Ramat Gavriel Industrial Park

P.O. Box 619, Migdal Haemek, Israel 2310502

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

Yes

No

On September 17, 2018, the Registrant Announces Company's Annual U.S.
Technical Symposium to Showcase its Advanced Analog Specialty Process
Offerings to Facilitate Customers' Market Leadership

SIGNATURES

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.

TOWER SEMICONDUCTOR LTD.

Date: September 17, 2018

By: /s/ Nati Somekh

Name: Nati Somekh

Title: Corporate Secretary

NEWS ANNOUNCEMENT

FOR IMMEDIATE RELEASE

TowerJazz Annual U.S. Technical Symposium to Showcase its Advanced Analog Specialty Process Offerings to Facilitate Customers' Market Leadership

Technology experts to share latest solutions for next-generation ICs in today's growing markets such as 5G, the IoT, automotive, and others

SAN JOSE, Calif., September 17, 2018 – TowerJazz, the global specialty foundry leader, today provided further details on its 13th annual U.S. Technical Global Symposium (TGS) to be held on November 7, 2018 at the Hilton Santa Clara, CA. During TGS, the Company will share its vision on industry megatrends: “Wireless Everything, Smart Everything, Green Everything” – and the means by which its analog specialty portfolio helps customers to differentiate their technology solutions.

The event will commence with TowerJazz CEO, Russell Ellwanger, who will share plans with respect to the Company's focus on “full circle value creation,” including strategic growth, technology leadership, and capacity expansion. TowerJazz executives will then share the latest technology roadmap developments of the Company's RF/high performance analog, CMOS image sensors, power management, and aerospace & defense offerings, in addition to its industry-leading design enablement capabilities.

To view the agenda, focus areas for the technical sessions, and/or register for the event, please visit [here](#).

About TowerJazz

Tower Semiconductor Ltd. (NASDAQ: TSEM, TASE: TSEM) and its subsidiaries operate collectively under the brand name TowerJazz, the global specialty foundry leader. TowerJazz manufactures next-generation integrated circuits (ICs) in growing markets such as consumer, industrial, automotive, medical and aerospace and defense. TowerJazz's advanced technology is comprised of a broad range of customizable process platforms such as: SiGe, BiCMOS, mixed-signal/CMOS, RF CMOS, CMOS image sensor, integrated power management (BCD and 700V), and MEMS. TowerJazz also provides world-class design enablement for a quick and accurate design cycle as well as Transfer Optimization and development Process Services (TOPS) to IDMs and fabless companies that need to expand capacity. To provide multi-fab sourcing and extended capacity for its customers, TowerJazz operates two manufacturing facilities in Israel (150mm and 200mm), two in the U.S. (200mm) and three facilities in Japan (two 200mm and one 300mm). For more information, please visit www.towerjazz.com.

Safe Harbor Regarding Forward-Looking Statements

This press release includes forward-looking statements, which are subject to risks and uncertainties. Actual results may vary from those projected or implied by such forward-looking statements. A complete discussion of risks and uncertainties that may affect the accuracy of forward-looking statements included in this press release or which may otherwise affect TowerJazz's business is included under the heading "Risk Factors" in Tower's most recent filings on Forms 20-F, F-3, F-4 and 6-K, as were filed with the Securities and Exchange Commission (the “SEC”) and the Israel Securities Authority and Jazz's most recent filings on Forms 10-K and 10-Q, as were filed with the SEC, respectively. Tower and Jazz do not intend to update, and expressly disclaim any obligation to update, the information contained in this release.

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