TOWER SEMICONDUCTOR LTD
Form 6-K
May 18, 2016

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

For the month of May 2016 No. 3

TOWER SEMICONDUCTOR LTD.
(Translation of registrant's name into English)

Ramat Gavriel Industrial Park
P.O. Box 619, Migdal Haemek, Israel 23105
(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 x Form 40-F o

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 o No x

On May 18, 2016, the registrant announces its presentation for straight debt refinancing, following May 9, 2016 announcement. Attached please find the presentation.

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: May 18, 2016

By: /s/ Nati Somekh
Name: Nati Somekh
Title: Corporate Secretary

** TowerJazz Proprietary Information **

Financial Performance ($ in millions)

* One time items included (i) for Q1’15, $85 million non-cash bonds F conversion effect and $10 million tax non-cash income; (ii) for Q1’14, $151 million TPSCo net acquisition gain and $71 million Nishiwaki cessation relates costs, net; (iii) for Q1’16, $41 million San Antonio Fab net acquisition gain

** “Annual EBITDA” for each quarter is each quarter’s EBITDA times 4

** TowerJazz Proprietary Information **
Specialty CIS Key Markets and Solutions
Professional Photography
Medical X-Ray
Industrial & High Speed
Automotive & Security
Market Leader for dental x-ray CMOS
Supplying all Tier-1 vendors
Smallest endoscopy solution
High speed and high accuracy
Global shutter technology
“Intelligent” pixels
2D and line sensors
High sensitivity and high dynamic range
High NIR sensitivity
Linear HDR for color imagers
3D Gesture Control
Design wins with market leaders
High volume and yet good margin market
High NIR sensitivity
ToF and structured light solutions
Technology, Flexibility, Experience and Commitment allows our customers to bring to the market the best in class products
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Highest requirements for image quality
Large sensors, very high resolution,
demanding frame rate
Very low defect count
Very high sensitivity, dynamic
range & low noise

** TowerJazz Proprietary Information **
Press Release | May 17th, 2016
TowerJazz Begins Mass Production of a New Integrated
SiGe Based “Front-End Module on a Chip” RF Platform
Tailored to Meet the Challenges of the Internet of Things
TowerJazz has partnered with industry leader, Skyworks Solutions, Inc., an innovator of high performance analog semiconductors connecting people, places and things, to deliver a first of its kind integrated wireless FEM using this technology. “We are pleased that our long partnership with TowerJazz on SiGe BiCMOS for PA based products is now in volume production for key customers of Skyworks Solutions,” said Bill Vaillancourt, GM/VP Skyworks Connectivity Solutions.
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