

TowerJazz Announces First Quarter 2012 Financial Results Conference Call

MIGDAL HAEMEK, Israel – April 24, 2012 – TowerJazz (NASDAQ: TSEM, TASE: TSEM), the global specialty foundry leader, will issue its first quarter 2012 earnings release on Thursday, May 17, 2012. The Company will hold a conference call to discuss its first quarter 2012 financial results and second quarter 2012 guidance on Thursday, May 17, 2012, at 10:00 a.m. Eastern Time (09:00 a.m. Central, 08:00 a.m. Mountain, 07:00 a.m. Pacific and 05:00 p.m. Israel time).

This call will be webcast by Thomson/CCBN and can be accessed on TowerJazz's website at www.towerjazz.com, or can also be accessed in the U.S. and in Israel by calling a domestic number:

1-888-407-2553 (U.S. Toll-Free) 03-918-0610 (Israel) +972-3-918-0610 (International)

The webcast is also being distributed through the Thomson Street Events Network to both institutional and individual investors. Individual investors can listen to the call at www.earnings.com, Thomson/CCBN's individual investor portal powered by StreetEvents. Institutional investors can access the call via Thomson's password-protected event management site, StreetEvents (www.streetevents.com).

The teleconference will be available for replay for 90 days.

About TowerJazz

Tower Semiconductor Ltd. (NASDAQ: TSEM, TASE: TSEM), the global specialty foundry leader, its fully owned U.S. subsidiary Jazz Semiconductor Ltd., and its fully owned Japanese subsidiary TowerJazz Japan, LTD, operate collectively under the brand name TowerJazz, manufacturing integrated circuits with geometries ranging from 1.0 to 0.13-micron. TowerJazz provides industry leading design enablement tools to allow complex designs to be achieved quickly and more accurately and offers a broad range of customizable process technologies including SiGe, BiCMOS, Mixed-Signal and RFCMOS, CMOS Image Sensor, Power Management (BCD), and Non-Volatile Memory (NVM) as well as MEMS capabilities. To provide multi-fab sourcing, TowerJazz maintains two manufacturing facilities in Israel, one in the U.S., and one in Japan with additional capacity available in China through manufacturing partnerships. For more information, please visit www.towerjazz.com.

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