

TowerJazz Announces Second Quarter 2010 Financial Results Conference Call

Migdal Haemek, Israel – July 21, 2010 - TowerJazz (NASDAQ: TSEM, TASE: TSEM), the global specialty foundry leader, will hold a conference call to discuss its second quarter 2010 financial results and third quarter 2010 guidance on Tuesday, August 10, 2010, at 10:00 a.m. Eastern Time (09:00 a.m. Central, 08:00 a.m. Mountain, 07:00 a.m. Pacific and 17:00 Israel Time). TowerJazz will issue the second quarter 2010 earnings release on Tuesday, August 10, 2010.

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:

1-888-668-9141 (U.S. Toll-Free)
03-918-0609 (Israel)
+972-3-918-0609 (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 and its fully owned U.S. subsidiary Jazz Semiconductor, 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 world-class customer service, TowerJazz maintains two manufacturing facilities in Israel and one in the U.S. with additional capacity available in China through manufacturing partnerships. For more information, please visit www.towerjazz.com.

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