

Tower Semiconductor Announces Fourth Quarter and Fiscal Year 2009 Financial Results Conference Call

Migdal Haemek, Israel – February 1, 2010 - Tower Semiconductor (NASDAQ: TSEM, TASE: TSEM), an independent specialty foundry, will hold a conference call to discuss its fourth quarter and fiscal year 2009 financial results, first quarter 2010 guidance and fiscal year 2010 business outlook on Wednesday, February 24, 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). Tower Semiconductor will issue the fourth quarter and fiscal year 2009 earnings release on Wednesday, February 24, 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:

1-888-407-2553	(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.

Contact Information:

Tower Semiconductor
Noit Levi, +972 4 604 7066
noitle@towersemi.com

or

GK Investor Relations
kenny.green@gkir.com
Tel: 1 646 201 9246 (US) / +972 2 563 6521 (Israel)