



TowerJazz to Present at the Annual Rodman & Renshaw Global Investment Conference in New York

MIGDAL HAEMEK, Israel – August 18, 2010 – TowerJazz (NASDAQ: TSEM), the global specialty foundry leader, today announced that its Chief Executive Officer, Mr. Russell Ellwanger, will present at the Annual Rodman & Renshaw Global Investment Conference.

The Rodman & Renshaw Global Investment Conference is taking place at the New York Palace Hotel in New York. TowerJazz is scheduled to present in the Rutherford Salon at 12:30pm Eastern Time on Monday, September 13, 2010.

At the conference there will be an opportunity for investors and analysts to meet one-on-one with Russell Ellwanger, CEO. Interested investors should contact the conference organizers or the Investor Relations team at TowerJazz at towerjazz@ccgisrael.com.

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:

Tower Semiconductor
Noit Levi, +972 4 604 7066
Noit.levi@towerjazz.com

CCG Investor Relations
Kenny Green, (646) 201 9246
towerjazz@ccgisrael.com