NEWS ANNOUNCEMENT   *FOR IMMEDIATE RELEASE*

TOWER SEMICONDUCTOR EARNS PLATINUM AWARD FOR THIRD YEAR IN A ROW FROM STANDARDS INSTITUTE OF ISRAEL FOR QUALITY, AUTOMOTIVE, SAFETY, INFORMATION SECURITY AND ENVIRONMENT SYSTEMS

Prestigious Platinum Mark Award Received by Very few Companies in Israel

Migdal Haemek, Israel – October 30, 2008 – Tower Semiconductor (NASDAQ: TSEM, TASE: TSEM), a pure-play independent specialty foundry, announced it has achieved the Standards Institute of Israel's (SII) highest honor, the 'Platinum' Mark which is earned by companies that have achieved five or more separate certifications, for the third year in a row.

Tower Semiconductor earned this award by receiving the following five distinct certifications:

· ISO 9001:2000
· Automotive TS16949 standard
· Safety SI 18001
· Information Security ISO 27001
· Environment ISO 14001 : 2004

The SII conducted a comprehensive audit of Tower's quality, safety, environment and information security systems and programs for the various certifications.

The prestigious Platinum Mark is recognition of Tower's commitment to quality and excellence. It places Tower among the handful top Israeli organizations who earned the Platinum Mark.

This attainment of the Platinum status exemplifies Tower's strong commitment to maintain and improve quality, safety, information security and performance standards that benefit its customers, partners and employees.

About Tower Semiconductor Ltd.:

Tower Semiconductor Ltd. is a pure-play independent specialty wafer foundry. Tower manufactures integrated circuits with geometries ranging from 1.0 to 0.13-micron; it also provides complementary technical services and design support. In addition to digital CMOS process technology, Tower offers advanced mixed-signal & RF-CMOS, Power Management, CMOS image-sensor and non-volatile memory technologies. Through access to the process portfolio of its wholly owned subsidiary, Jazz Semiconductor, Tower offers RF CMOS, Analog CMOS, Silicon and SiGe BiCMOS, SiGe C-BiCMOS, Power CMOS and High Voltage CMOS. To provide world-class customer service, Tower maintains two manufacturing facilities in Israel with access to Jazz Semiconductor's fab in the U.S. and manufacturing capacity in China through Jazz's partnerships with ASMC and HHNEC. For more information, please visit www.towersemi.com and www.jazzsemi.com.

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