

# Empyrean™ AMS Design Platform Supported in TowerJazz's Design Reference Flow

August 21, 2018 – [Empyrean™](#), an IC and FPD (flat panel display) EDA solutions and IP provider based in Beijing, China, announced today that its analog/mixed-signal IC design platform has been included in TowerJazz's design reference flow with verified process design kits (iPDKs). The cooperation between Empyrean and TowerJazz will provide a comprehensive solution to accelerate the process from design to manufacture and improve product yield. The package, which includes Spice model, iPDK, LVS, DRC and extraction, has been uploaded to TowerJazz's eBiz portal for download by mutual customers.

Empyrean's analog/mixed-signal IC design platform is a full design flow for analog mixed-signal circuits, including: schematic editor (Empyrean Aether™ SE), true-Spice circuit simulator (Empyrean ALPS™), layout editor (Empyrean Aether™ LE), design verification (Empyrean Argus™), and parasitic R/C extraction (Empyrean RCExplorer™).

[TowerJazz](#), the global specialty foundry leader, specializes in manufacturing analog integrated circuits in growing markets such as automotive, medical, industrial, consumer and aerospace and defense. TowerJazz's design enablement platform complements its sophisticated technology and enables a quick and accurate design cycle. TowerJazz works with EDA partners to create design flows providing a complete design and manufacturing offering and the fastest path to silicon realization.

“Working with Empyrean to qualify our standard design kit will give our mutual customers more EDA flows to choose from,” said Ofer Tamir, Design Enablement Senior Director at TowerJazz. “The tools are easy to use and adopt into an open design ecosystem.”

“It was necessary to build a smooth mixed-signal IC design flow with a one-stop platform to bring our design method to the next level,” said Guoxing Li, VP of O2Mico Inc. “With the help of TowerJazz's iPDK and Empyrean's AMS flow, a high degree of automation flow has been made possible. We also chose Empyrean for their ability to provide us excellent support all over the world.”

“TowerJazz continually diversifies the EDA choice of AMS IC design which obviously powers up the IC design methodology and draws more customers for both parties,” said Kevin Wu, Senior VP of Empyrean. “Empyrean provides a smooth flow and innovative design solution based on TowerJazz's service enabling a competitive advantage especially for mixed-signal IC suppliers.”

Empyrean is a proud sponsor of TowerJazz's Technical Global Symposium (TGS) China on August 22, 2018 at the Parkyard Hotel in Shanghai. For more information, please [click here](#).

**About TowerJazz**

Tower Semiconductor Ltd. (NASDAQ: TSEM, TASE: TSEM) and its subsidiaries operate collectively under the brand name TowerJazz, the global specialty foundry leader. TowerJazz manufactures next-generation integrated circuits (ICs) in growing markets such as consumer, industrial, automotive, medical and aerospace and defense. TowerJazz's advanced technology is comprised of a broad range of customizable process platforms such as: SiGe, BiCMOS, mixed-signal/CMOS, RF CMOS, CMOS image sensor, integrated power management (BCD and 700V), and MEMS. TowerJazz also provides world-class design enablement for a quick and accurate design cycle as well as Transfer Optimization and development Process Services (TOPS) to IDMs and fabless companies that need to expand capacity. To provide multi-fab sourcing and extended capacity for its customers, TowerJazz operates two manufacturing facilities in Israel (150mm and 200mm), two in the U.S. (200mm) and three facilities in Japan (two 200mm and one 300mm). For more information, please visit [www.towerjazz.com](http://www.towerjazz.com).

**About Empyrean**

Empyrean is an Electronic Design Automation (EDA) and intellectual property (IP) technology leader. Its EDA solutions include full custom analog/mixed-signal IC design solution, digital SoC IC design solution and FPD design solution. The headquarters of Empyrean is located in China, and the branches radiate to Japan, North America, Singapore and South Korea.