



TowerJazz and TPS announces annual TGS events for 2016

TowerJazz, the global specialty foundry leader, and TowerJazz Panasonic Semiconductor Co. (TPS), the leading analog foundry in Japan, has announced details with respect to their



worldwide annual Technical Global Symposium (TGS) 2016 events that will take place in China, the US and Japan. The symposium is focused on the manufacturing of semiconductor devices and the cutting edge integrated circuits (ICs) enabled by TowerJazz and TPSCo's advanced process technologies.

As the fastest growing and number one worldwide specialty foundry, TowerJazz's focus is to work closely with its global customers to understand their unique needs in order to provide them with the most innovative and advanced analog manufacturing solutions. TGS is an event which facilitates customer and partner interaction with TowerJazz and TPSCo executives and team members to exchange information on the latest solutions for next-generation ICs in growing markets such as consumer, industrial, automotive, medical and aerospace and defense.

With more than 450 attendees from over 250 organizations, including semiconductor and design service companies, universities, government institutions, media and analysts, among others TGS events are a great platform for networking with industry leaders while gaining additional knowledge and initiating new business opportunities. At TGS 2016, attendees will enjoy an engaging forum for discussion with company executives, industry experts and peers. Participants will also learn more about TowerJazz and TPSCo's expanded and advanced technology offerings across all of their specialty analog business units such as RF/High Performance Analog (HPA), power management and CMOS image sensors, as well as their increased global capacity, dual sourcing capabilities and flexibility at their seven worldwide manufacturing facilities.

UK'S AVS-SYS introduces Ultra Lightweight Aerospace parts

Innovative carbon composite materials used to produce parts and components with up to 40% weight savings for passenger aircraft. The composite design engineering company is introducing a range of ultra-lightweight composite parts and components for aircraft, including specialist aerospace ducting. These parts will not only save operators money but will reduce the overall environmental impact of the aircraft as well.

AVS-SYS has decades experience and expertise in both the design and integration of low pressure air distribution systems for passenger aircraft. The firm initially designed its carbon composite parts for use in the rigid ducting within such systems but it quickly became apparent that this material technology can be used in a variety of other applications, such as galley panels, ceilings and other interior fitments.

The new products are up to 40% lighter than equivalent parts currently in use. This weight saving is delivered without any loss in

fit, form or function & parts are manufactured to all relevant aerospace standards. It is estimated that in a narrow body aircraft use of the new ducts in the air distribution system would save up to 60kg in weight, with significant reductions in fuel burn and therefore cost and environmental impact over the full lifecycle of the aircraft.

AVS-SYS provides high quality engineering, design, integration and manufacturing of products and complete systems utilising composite materials. It specialises in the aerospace sector across the full spectrum of commercial, fixed, wing & manned / unmanned air vehicles. Its team of class leading, highly experienced professionals provides a level of expertise that is unmatched outside of a major aircraft manufacturer. This enables AVS-SYS to provide complete program management over the lifetime of a project from initial concept design, system integration, manufacturing & qualification through to in-service support.

Automotive Supplier Orders Heat Treat Equipment to process Aluminum products

A Tier 1 automotive supplier located in the Midwest has placed two orders with AFC-Holcroft for the supply of heat treating equipment related to the processing of aluminum.

The first order will consist of a Roller Hearth Homogenizing Furnace for processing aluminum products. The complete system includes a multi-position loading table, a multi-position furnace, cooling station and multi-position unload table.

The second order is for a Solution Heat Treat Line, which will also be used for processing aluminum products. This system will include charge and discharge transfer cars, a multi-position solution furnace, water quench system, multi-position age furnace, multi-position accumulation charge and discharge tables, accumulation cross-over mechanism and a tray pull-off station. Additionally, AFC-Holcroft will provide their Remote Diagnostic Service during the furnace warranty period. This service provides a complete remote monitoring and diagnostic package including transmission and analysis of machine data,



targeting the most common or noteworthy events and identifying root causes. The Remote Diagnostic Service transmits data automatically to AFC-Holcroft's secure servers, eliminating the human time and cost associated with manually gathering historical data for the same purpose.

"While AFC-Holcroft is best known for providing equipment for the processing of steel components, we also have a long history of providing equipment to the aluminum industry" stated Mark Johnston, Aftermarket Equipment Sales. "This order is a further inroad into this growing market."