Aeroflex PXI 3000 Series Helps SAE Magnetics Increase Productivity

Aeroflex Limited has announced that SAE Magnetics (H.K.) Ltd. has commissioned a production line based on the PXI 3000 Series multi-technology test platform. This has enabled the Hong Kong-based company to achieve a dramatic improvement in test throughput—and hence in overall productivity—for the RF devices it manufactures.

SAE Magnetics is part of TDK Corporation, and is a leading supplier of both Bluetooth® and Wi-Fi system-in-package (SiP) devices to international Tier 1 mobile phone manufacturers.

“We chose the Aeroflex PXI 3000 Series because it provides all the measurement capability we need in a single multi-technology box, and it is both faster and more highly integrated than other test solutions we evaluated,” commented Michael Yang, director of engineering for SAE Magnetics. “Not only are we seeing immediate results in terms of greater throughput and higher customer yields, but the modular nature of the PXI system also means that it can be readily upgraded to meet our future production test needs.”

“SAE Magnetics needed a test system that could characterize both Bluetooth and Wi-Fi radios on the same platform,” added C H Leung, business development manager for PXI with Aeroflex Test Solutions in the Asia Pacific region. “The high level of applications support that we have been able to offer SAE, and our ability to respond in a rapid and flexible manner to their needs, has also been a key factor in their decision to install Aeroflex equipment.”

The speed improvements that SAE has achieved result from the modular control of Aeroflex’s hardware and software, and from the collaboration among SAE, a commissioned company, and Aeroflex to optimize the test process. A further advantage of having multiple cellular and non-cellular technologies integrated into the same test instrument is that the box has a much smaller footprint than discrete test solutions. The equipment is always fully utilized rather than having instruments standing idle while other technologies are being measured. It also requires less time for calibration and verification than when separate instruments are used.

For more information about SAE Magnetics please visit, http://hr.sae.com.hk/ [1] or http://www.aeroflex.com/ [2] for Aeroflex

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