

Tabor Electronics upgrades its award winning high-speed AWG WaveXciter series

New enhancements to the award winning WaveXciter Series include new digital outputs, and a host of improvements in EVM performance, low frequency noise, trigger jitter and timing resolutions

Tel-Hanan Israel, November 2014 – Tabor Electronics is proud to announce the WaveXciter C-series AWGs. The C-series models include the new and enhanced WX2181/2/4C, single, dual and four channel 2.3GS/s 14bit, and the new WX1281/2/4C 1.25GS/s 14bit, single, dual and four channels, all which were built on the previous award winning “A” and “B” series features and enhances further the instrument’s performance and usability.

Improved performances include:

- Extra low trigger jitter
- Better amplitude accuracy
- Improved phase noise performance
- Excellent low frequency noise performance
- New programmable trigger impedance option
- Below 1% EVM performance at high bandwidth
- Double the arbitrary waveform and sync output resolutions
- Improved Instrument synchronization and inter channel skew

In addition to the improved performance, Tabor also upgraded the series’ digital option (Option D) to include all 32 digital bits as standard. Having separate waveform memory and being fully programmable independent of each other, provides maximum versatility and enables the generation of 32-bit LVDS serial data patterns, without the need to compromise the 4 built-in markers. For even tighter signal control with amplitude settings within a 4Vp-p window, the WX digital option can be attached to the optional WXD1 digital pod.

Jonathan Netzer, Tabor’s Product Marketing Manager commented: “We are continuously improving and upgrading our instruments to meet the challenges of today. All of our enhancements and new functionality are done according to current and future customer requirements. With these latest improvements the WX series now covers even more applications and continues to be the best high speed AWG on the market in its class.”

About Tabor Electronics

Established in 1971, Tabor Electronics has become a world-leading provider of high-end signal sources, featuring: pulse, function and arbitrary waveform generators, high-voltage amplifiers, waveform and modulation creation software. Tabor has earned global recognition for its highly skilled workforce and innovative engineering capabilities. In addition to offering a full range of self-branded instruments, Tabor is also a world-class OEM that private-labels a variety of products for industry leaders. Technologically advanced, featuring the highest levels of performance, reliability, and most importantly, price-competitive, Tabor’s products are sought-after in a diverse array of applications.

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