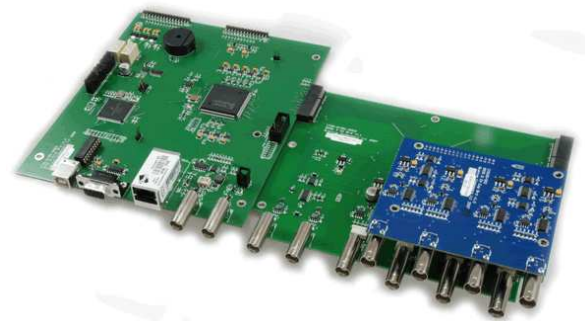


# Press Release

## **Board level pulse generators offer cutting edge solutions to generate and synchronise multiple pulses in an easy to integrate package.**

**Edinburgh, 13 July 2011**

The 8000 series of board level digital delay pulse generators from Quantum Composers offer all the cutting edge performance and functionality of their standard pulse generators but in an easy to integrate package.



Distributed in the UK and Ireland by Photonic Solutions, the 8000 series board level units provide a cost-effective method to create and synchronise multiple sequences, delayed triggering, or any precisely timed series of events. Choose from either the 8510 or the 8530 series offering 1 ns or 250 ps timing resolution, 5ps jitter and up to 2, 4 or 8 fully independently controlled channels. The 8510 series features advanced programming modes including multiplexing, channel referencing, duty cycle, burst and wait. The 8530 series, on the other hand, is ideal for laser system timing applications as it can directly phase lock to an external time-base up to 100 MHz in frequency and down to 20 mV in amplitude. This allows synching directly to a laser photodiode signal and provides complete system timing relative to the laser timing with low jitter. All units come with optional computer interface for ease of programming and complimentary NI certified LabVIEW drivers are available. Full integration support is offered.

Quantum Composers, a privately held company based in Bozeman, Montana, is an internationally recognised pioneer in the Test and Measurement market place with the design and production of precision pulse generator instruments. Since 1993, Quantum Composers has been a

**For Immediate Release**

leader in custom designed scientific based technologies and concepts. For more information on Quantum Composers 8000 series board level digital delay generators or their standard digital delay pulse generator line please contact Photonic Solutions at [sales@photonicsolutions.co.uk](mailto:sales@photonicsolutions.co.uk).

~ENDS~