GREENFIELD TECHNOLOGY
Test & Measurement Instrumentation

Greenfield Technology company is pleased to send you its **newsletter** of the summer. Below you will find information about our **new products**.
For more details on our products or to contact us see our Web site www.greenfieldTechnology.com
Best regards

Pulse & Delay Generator board level

The GFT1804 Pulse & Delay Generator provides 2 (or 4 in option) independent delayed pulses. SMB outputs deliver 1.5 V to 5 V, 1 ns rise time pulses, into 50 Ω. Pulse amplitude, polarity, number (burst) and width are adjustable on each output channel. All parameters may be remotely controlled via USB or Ethernet. The GFT1804 is a compact board with only 100 x 150 mm size.

Main features
100 ps delay resolution (1ps in option)
Two external trigger or internal trigger from three synchronous programmable "Timers"
In option output pulse may be: 3 V to 10 V or 15 V to 50 V or LVDS level
External clocking 10 MHz to 240 MHz…………**Read more**

48 Channel Digital Pattern Generator

The GFT7048 is a 48 Channel Digital Pattern Generator that operates either as a standalone device, or as a component in a timing system. Eight different pattern may be saved in the generator. Analog and Digital I/O may be used to control some devices of your application. The GFT7048 can be locally controlled over the front panel or remotely controlled via Internet (Embedded Web server) or Ethernet.

Main features
1 ns sample resolution and 20 000 samples per channel
<10 ps channel to channel RMS jitter
Channel Output is LVDS logical level with 1 ns rise & fall time
Trigger sources may be: External, internal or Optical…….**Read more**

7 GHz Transient Digitizer "New revision"

The FTD10000 Transient Digitizer is specially designed to record fast single short pulse down to 50 ps with 13-bit amplitude resolution. It features unique performance such as a maximum input voltage of 2000 Volts without overload and low noise giving FS/N >3000 (70 dB). The **new revision** adds a built in web server that provide an easy remote control via a standard Web-browser without specific software.

The new revision also includes
Improved readout camera with 1800 x 1800 pixels, 12-bit A/D and a cooling system
Improved digitizing resolution by 70% (now up to 1700 GS/s on 1 ns duration)
A "Very High" precision waveform processing.
Extended Ethernet speed up to 1000 Mb/s…..**Read more**