Oscilloscopes Provide Triggering, Decode Support for Serial Buses In Embedded Systems

Tektronix announced the availability of the DPO3000 Digital Phosphor Oscilloscopes (DPOs), a portable series of models that provides triggering and decode support for popular serial buses used in embedded design applications. They offer 5M standard record length and use the Wave Inspector navigation and search controls to find events of interest. The scopes feature complete set of tools for working with industry standard serial buses such as I^2C, SPI, RS-232/422/485/UART, CAN and LIN. The Wave Inspector feature provides a dedicated, two-tier front panel knob for intuitive control of zooming and panning. A play/pause feature with adjustable speed enables customers to automatically scroll the waveform across the screen while they look for the event of interest. It also provides the ability to search through an acquisition and automatically mark all occurrences of user-specified events, and navigate between them effortlessly. With Wave Inspector, the DPO3000 provides easy-to-use tools to quickly find and solve difficult problems. The DPO3000 oscilloscope family consists of six models, ranging from 100 MHz to 500 MHz. All models provide 2.5 GS/s sampling with >5× oversampling on all channels. 5M record length is standard on all channels enabling the capture of long time windows of signal activity with very high resolution. At 5.4" weighs nine pounds for enhanced portability. The DPO3000 also provides serial triggering, protocol decode, USB plug-and-play PC connectivity, and 9” WVGA display to show more detail in the horizontal axis to better see glitches and fine details. A USB host (thumb drive) on the front panel enables easy transfer of screenshots, setups and waveform data to a PC. All models include Ethernet and a USB device (TMC) port on the rear of the instrument that enables plug-and-play PC connectivity. U.S. list prices range from $4,450 for a two-channel DPO3012 to $10,900 for a four-channel DPO3054.

Tektronix
800-833-9200, www.tektronix.com [1]

Source URL (retrieved on *06/19/2013 - 1:35am*):

http://www.ecnmag.com/product-releases/2008/04/oscilloscopes-provide-triggering-decode-support-serial-buses-embedded-systems

Links:
[1] http://www.tektronix.com/