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Better Solutions for GPIB and VXIbus Systems

NEW VXI DUAL CHANNEL SERIAL MODULE ANNOUNCED BY ICS ELECTRONICS



PLEASANTON, CA, July 26, 2002. Today ICS Electronics announced a new dual channel VXI to Serial Interface Module. This new VXI module provides two high-speed serial channels for transmitting and receiving binary data. The Model VXI-5562 is a register based module with large FIFOs and other features to support continuous high-speed data transmission. Applications include testing devices with binary data patterns and Satellite Command and Telemetry systems.

ICS's VXI-5562 is a single-slot wide, VXI C-size module that fits in the majority of VXI test systems. The VXI-5562 provides two independent serial channels for transmitting and receiving binary data. Each channel provides programmable data, clock and data gate or enable signals with user selected RS-422 or LVDS transceivers. Each channel has large 2 Mbyte buffers for storing transmit and received data. An internal frequency synthesizer generates clock rates up to 10 Mbits/second. The module can transmit data as multiples of 16-bit words or as an arbitrary length messages, add parity bits and insert Fill data between messages. Data can be received continuously or the module can be set to detect 8, 16, 24 or 32-bit sync patterns. Data transfer over the VXI bus is as 16-bit words with a data transfer rate of 16 Mbits/second.

The VXI-5562 Dual Serial Module is a follow on to ICS's VXI-5526-8C&T single-channel modules which have been used in many Satellite Command and Telemetry applications. The VXI-

5562 expands the VXI-5526-8C&T's capabilities by providing two channels with a 5 to 10 x faster baud rate.

The price for the VXI-5562 Dual Channel module is \$7,800 each. Delivery is stock to 6 weeks ARO.

ICS Electronics is a pioneer and leader in the design and development of IEEE 488 Bus support products and VXIbus products. The ICS's VXIbus product line includes VXI Serial and GPIB modules, VXI interface cards, and VXI prototyping kits and VXI module hardware kits.

ICS Electronics is headquartered at 7034 Commerce Circle, Pleasanton, CA 94588.
Phone (925) 416-1000. Contact Jerry Mercola, Marketing Manager for more information.

- Note to Editor: The VXI-5562 photo is also available as an electronic file. Email jmercola@icselect.com and specify your desired image size, density and file format.