Better Solutions for GPIB and VXIbus Systems

NEW VXI MULTICHANNEL SERIAL INTERFACE MODULES
ANNOUNCED BY ICS ELECTRONICS

MILPITAS, CA, April 28, 2000. Today ICS Electronics announced two new multichannel VXI to Serial Interface Modules. These new VXI modules provides four or eight high-speed serial channels that can be programmed for RS-232, RS-422 or RS-485 signals and for asynchronous or for synchronous (SDLC) communication. The Model VXI-5539A modules overcome the VXI bus bandwidth problem associated with message based modules and allow continuous high-speed operation.

ICS's VXI-5539A Modules are available in 4-channel and in 8-channel versions. Both modules are single-slot wide, VXI C-size modules that fit in the majority of VXI test systems. The modules accept both SCPI (Standard Commands for Programmable Instruments) commands and ICS's short form commands for setting the channel configuration and for querying the module's status. Data transfer is via the VXIbus Fast Data Channel protocol which allows the VXI Controller to directly read or write data into the module's memory. This results in a data transfer rate over 4 Mbytes per second.

The VXI-5539A series Modules provide the user with several features not found in other VXI serial modules. The VXI-5539A's serial interfaces are fully programmable without having to remove the module from the test system to set jumpers. Each channel includes an internal termination network that can be used to bias the RS-422 or RS-485 signal pairs to prevent data errors when the line is tristated. Baud rates are programmable in all of the standard rates from 50 to 460,800 baud or to the closest divider value for nonstandard rates. The modules can operate with asynchro-

nous characters up to 460,800 baud and with synchronous data using external clock signals. Asynchronous and SDLC data protocols are standard in the VXI-5539A series modules.

The price for the VXI-5539A-14 four channel module is $2,500. each. The price for the VXI-5539A-18 eight channel module is $2,800. Delivery is stock to 4 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 Slot 0 Controllers, Serial and GPIB controller modules, VXI interface cards, and VXI prototyping kits and VXI module hardware kits.

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