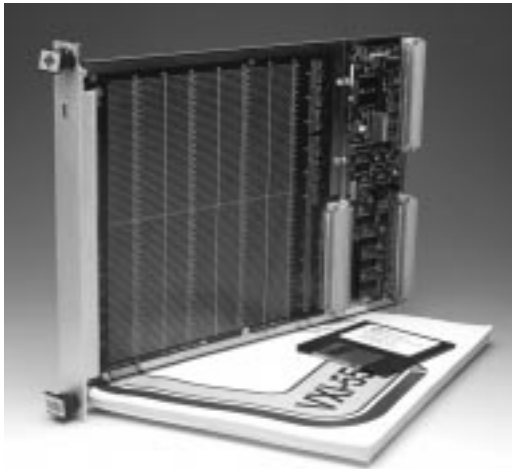


September 23, 1998

Better Solutions for GPIB and VXIbus Systems

**NEW VXI MODULE PROTOTYPING SYSTEM
ANNOUNCED BY ICS ELECTRONICS**

MILPITAS, CA, September 23, 1998. Today ICS Electronics announced a new prototyping system for building C-size VXIbus modules. This new system provides the user with a VXI interface, prototyping boards, a selection of VXI shield kits and design aids to assemble a complete VXIbus module. ICS's prototyping module system combines everything into one package, saves the user the cost of designing the VXI interface and hardware, and reduces the time-to-market.



ICS's VXI Module Prototyping System comes in two series. The Model VXI-5501 provides a copper-clad PC board for building RF or microwave modules. The Model VXI-5502 (shown in the attached photo) provides a prototyping board with holes on 0.1 inch centers for mounting sockets or other analog or digital components. Both models have a register-based interface that provides 48 digital I/O lines and a 16-bit wide expansion bus for driving additional logic. A choice of four VXI shield kits lets the user assemble one, two or three-slot wide, C-size modules. The multi-slot shield kits accommodate wirewrap tails, large components, and daughter boards.

ICS's new register-based interface makes the VXI-5501 and VXI-5502 the first prototyping modules to comply with the new VXI-2 Specification for Extended Register based modules. The

interface's VXI registers can be set with the user's VXI manufacturer number, model and serial number to personalize the finished module. The digital I/O lines have high-drive capability (sink 40 mA and source 20 mA) which eliminates buffers and directly drives the user's circuits. The VXI interface also supplies a pair of VXI TTL Triggers, clock, power and supports VXI interrupts. All configuration settings are saved in EEPROM and are automatically recalled at power turn-on.

ICS's VXI Module Prototyping System saves the customer time, money and provides a migration path from prototype module to production units. For one or two units, the user assembles the module using one of the prototyping boards. Each kit includes schematic templates and CAD drawings for laying out the prototype module and machining the front panel. For production units, the prototyping board is replaced by a PC board that can be laid out from the existing schematics. There is no need to redo any driver or application programs because the prototype and the production units use the same VXI interface.

The price for VXI-5501 kits with copper-clad boards starts at \$ 875 each. The price for VXI-5502 kits with prototyping boards starts at \$ 925 for single slot kits. 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 module hardware kits.

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