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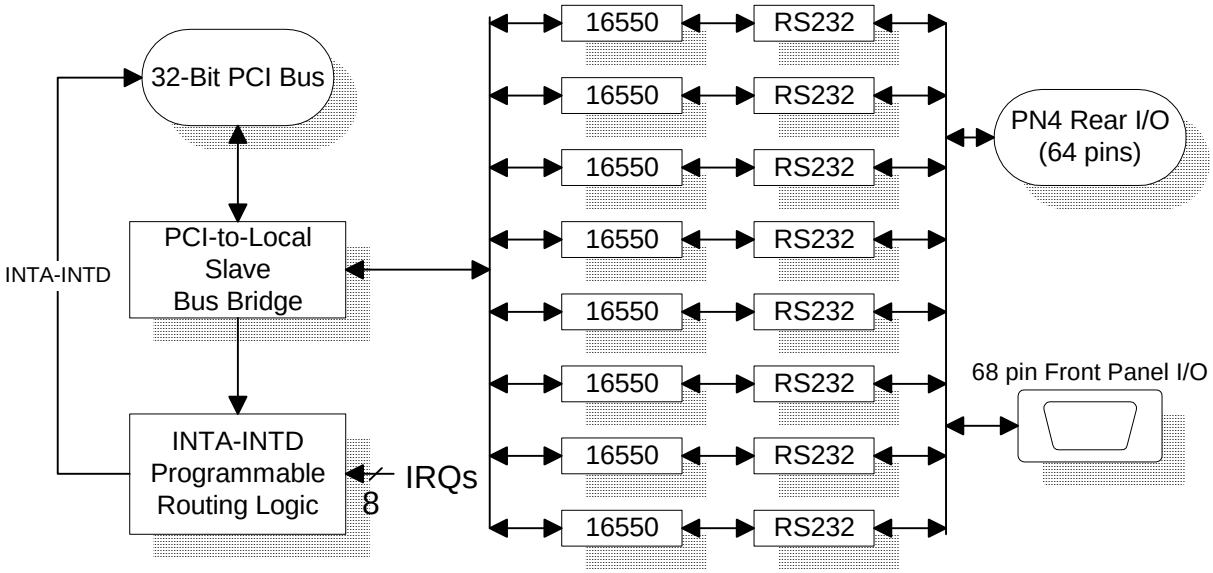
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Find the *Technobox 2229* at our website: ***Click HERE***

8-Port RS232 Async Communication Adapter



The Technobox 8-Port Async Communication adapter provides eight 16550-based UARTs using RS232 signaling levels.

Each port provides the full set of data and modem control lines configured for DTE (i.e., computer side) operation:

RTS (Request to Send)

CTS (Clear to Send)

TXD (Transmit Data)

RXD (Receive Data)

DCD (Data Carrier Detect)

DTR (Data Terminal Ready)

DSR (Data Set Ready)

RI (Ring Indicator)

All eight ports are available out the PMC front panel via a 68-pin SCSI-style connector. Also, the ports are wired to the P4 connector at the rear of the PMC, allowing connection of all eight ports to the VMEbus P2 connector for host processors supporting rear-I/O connection.

A transition panel available from Technobox converts the 68-pin SCSI style connector into eight 9-pin male D-Subminiature connectors, which are pinned-out according to the Personal Computer standard.

For Rear I/O, a paddle card available from Technobox converts the P2 ‘a’ and ‘c’ rows back into the 68-pin SCSI style connector. This permits use of the eight 9-pin D-Sub transition panel for rear-exit from the card cage.

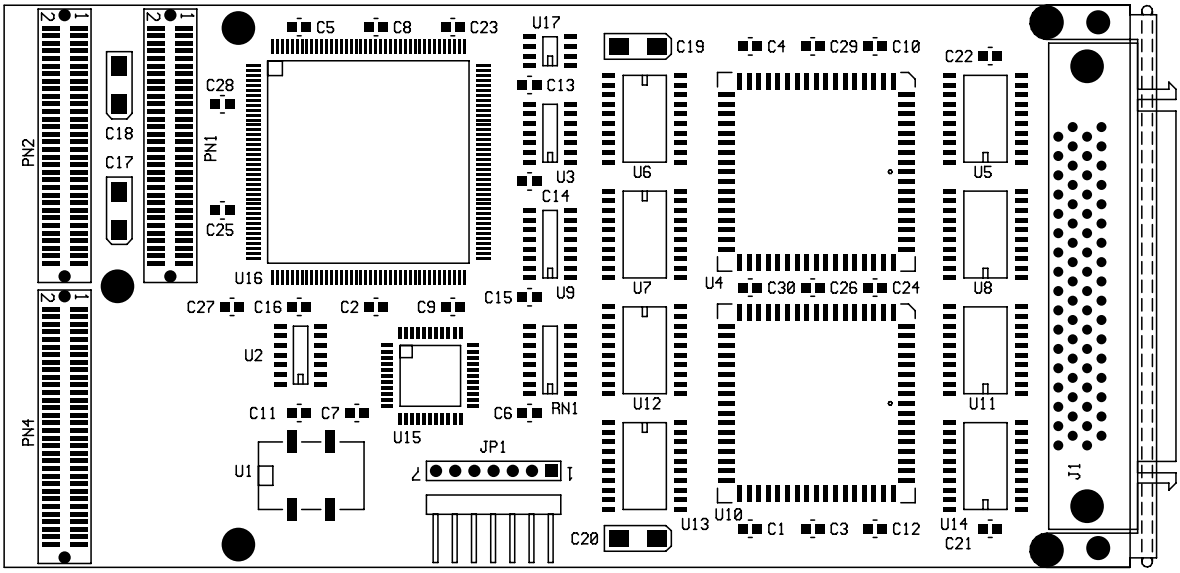
The transition panel may also be mounted at any convenient point in a user’s system. For more information, refer to the transition panel products found at the back of this catalog.

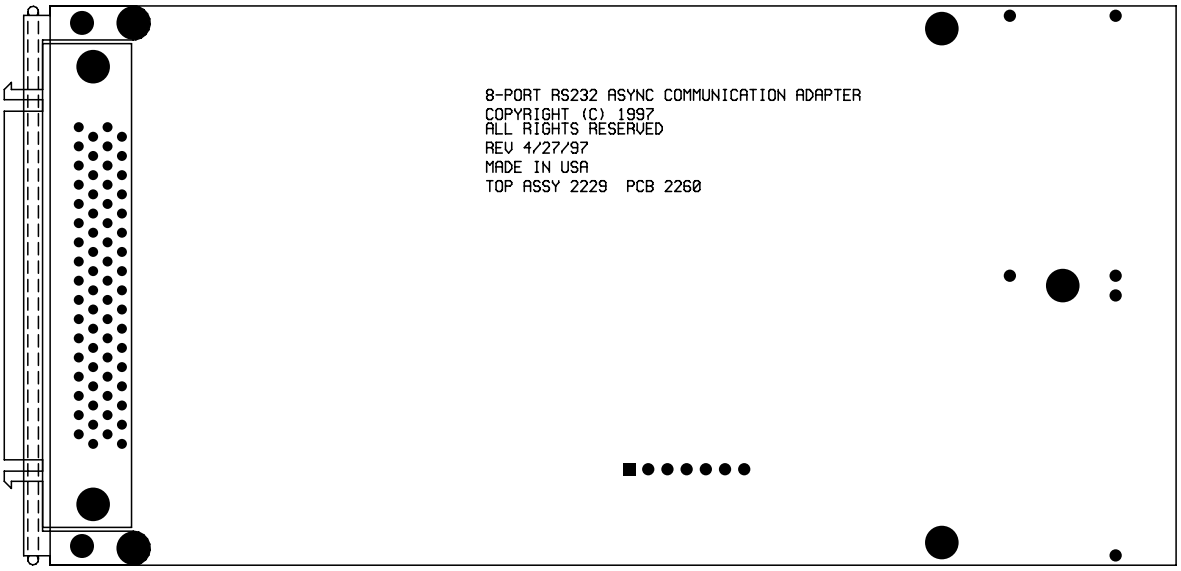
The UARTs operate at standard baud rates from 300 baud to 115K-baud. Other odd-baud rates are possible and are available on special order.

The eight interrupt requests from each UART are routed to one of the four INTx lines on the PCI bus. This design avoids interrupt routing switches by incorporating a programmable element which can be set up from the host processor, allowing any UART to be routed to any INTx request line. The default after reset is all UART interrupt requests are routed to the INTA line.

The 16550 register set is accessed from the host processor using Programmed-I/O. “C” source code is provided with the board to illustrate how to set up the PCI bus bridge in order to access the UART registers. Once the registers are mapped into host I/O space, standard async communication drivers may be used to access the ports.

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Product Summary

Technobox Part Number:	2229
Typical Power Dissipation:	TBD watts
Power Supplies Required:	+5, +12, -12
PCI Signaling Environment:	5 Volt

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