



Product Data

TMS Series

LC-1

RS-232 to Transputer Link Converter Module

Description:

Industry-standard TRAM[®] transputer evaluation modules provide an efficient and elegant development system solution for the designer of transputer-based systems. The **Paramax** line of transputer evaluation and peripheral modules add functionality to such a system.

The **Paramax** LC-1 RS232 to Transputer Link converter module provides connections from a transputer-based target system (or development system) to most types of RS-232 peripheral or computer interfaces. The module adheres to the **Paramax TMS** and INMOS[®] TRAM standard, and provides RS-232C communication rates from 50 to 19,200 baud in half and full duplex modes.

The operation of this module is simple and straightforward; all options can be selected easily by board jumpers. The ribbon cable provided allows connection to any external device or connector, and its connection to the module is non-polarized for convenience.

Software provided on IBM-PC diskette in occam[®] allows any transputer program to buffer and translate protocol (X-on/X-off handshaking), although communications with many RS-232 peripherals can be accomplished without the use of handshaking. Even non-occam programs can use the protocol translator software through INMOS' IMS D705 Toolset (which allows C, occam, FORTRAN and Pascal programs to run in the same transputer).

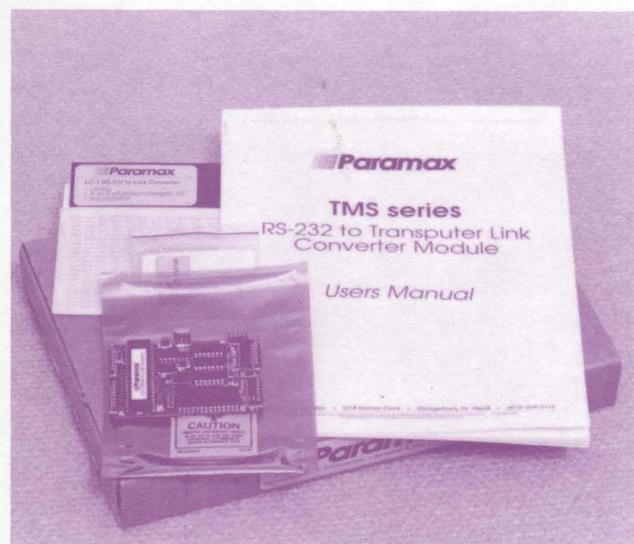
The LC-1 includes: The link-to-RS-232 module, a connecting cable with undedicated terminations for greater flexibility, X-on/X-off protocol software, and a users manual that describes the module and its accompanying software.

Features:

- Provides communication between transputers and printers, plotters, modems, terminals and host computers
- RS232 communication rates from 50 to 19,200 baud
- 1 or 2 stop bits
- 7-bit or 8-bit data words
- Parity enable/disable function
- 10 or 20Mbit/second transputer link speed selected with jumpers for maximum configurability
- **Paramax TMS** and INMOS TRAM standard (double-module size) outline
- RS-232 standard communications up to 50 feet
- Easy board-level configuration
- Selectable link channel input and output
- Software included allows X-on/X-off protocol conversion with buffering
- Cable included

Ordering Information:

Part Number	LC-1
Price	\$295



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