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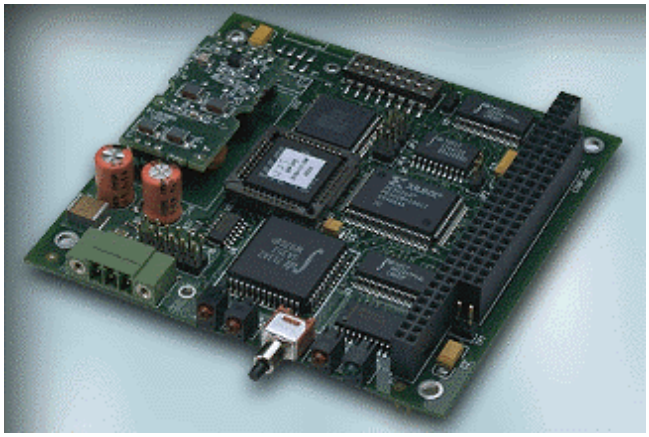
Expert team | Trust guarantee | 100% satisfaction

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Find the *Engenuity Systems PC104-LTNI* at our website: *Click HERE*

PC104-LTNI

PC/104 TO LONTALK NETWORK INTERFACE



Engenuity Systems' PC104-LTNI and associated driver provide the hardware and low-level software for your LONWORKS® solution. Fully compatible with the PC/104 standard, the PC104-LTNI allows a LONWORKS network to be added to new and existing PC/104 equipment. Both data and commands are transferred between the host and network interface through polled I/O or interrupt driven I/O.

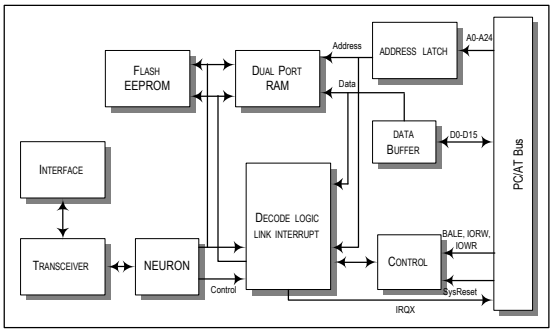
The PC104-LTNI implements the LonTalk® protocol using the Neuron® 3150® Chip and a semaphore-based, high performance MIP-DPS. It utilizes the same dependable architecture proven with years of operation in Engenuity s other LTNI products. Adding this interface will bring the same reliability to your LONWORKS-based system.

FEATURES

- **LON® COMMUNICATION CHANNEL**
  - Neuron 3150 Chip Operating at 10 MHz
  - Termination Circuitry Configurable by Jumpers
  - 0.6 Kbps to 1.25 Mbps Transmission Rates
  - 280 Packets/Sec, 700 Packets/Sec Peak
- **SELECTABLE TRANSCEIVER MODULE**
  - 1.25 Mbps or 78 Kbps Twisted Pair
  - Free Topology
  - TP-RS485
  - On Board Power Line with Decoupling Circuit
- **LONTALK PROTOCOL FIRMWARE**
  - Fully Compatible with any Neuron Based Product
  - Echelon® s High Performance Microprocessor Interface Program-Dual Port System (MIP-DPS)
  - Follows the Seven-Layer Software Model
- **CONNECTORS**
  - Industrial, Vibration-Proof, Plug-In Connector for LONWORKS Network
  - Standard Connector for PC/104bus (passes all signals)
- **HARDWARE CONFIGURABLE**
  - Base Address Selected with 8-Bit DIP Switch
  - Supports Interrupts 3,4,5,6,7,9,10,11,12,14,15
- **ENVIRONMENTAL CONSIDERATIONS**
  - +5V @ 350mA (nominal)
  - 0° to 70° Celsius (Industrial Temp Upon Request)
  - 90% Non-Condensing Relative Humidity
- **OPERATING SYSTEM SUPPORT**
  - DOS
  - VxWorks
  - Windows
  - Others

FOR MORE INFORMATION

- **CALL:** (800) 375.3363 (USA ONLY)
  (480) 782.5600
- **FAX:** (480) 782.5601
- **EMAIL:** info@engenuity.com
- **VISIT:** www.engenuity.com



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