

IrDA[®] Compliant Protocol Processor

ACT-IR8200L/LM/LT

- Support IrDA[®] standard including: IrLAP[™], IrLMP[™], TinyTP[™], IrCOMM[™], IrOBEX[™] transport.
- Supports other standard: IrLPT[™] Secondary mode only.
- Supports IrDA[®] baud rate: 9.6k, 19.2k, 38.4k, 57.6k, 115.2k bps.
- IrDA[®] Primary/Secondary Mode Supported as:
 - 1. ACT-**IR8200L** : Secondary Mode only
 - 2. ACT-**IR8200LM** : Both Primary and Secondary Mode supported, and mode automatically switched upon IrDA protocol negotiation with another device. When it enters Primary Mode , it runs IrCOMM 9-wire cooked protocol.
 - 3. ACT-**IR8200LT** : Secondary Mode only and using 2 Kbytes buffer for both interface (IrDA and Host) by adding an external SRAM(32K x 8)
- Host Interface:
 - Full-duplex asynchronous serial (TXD, RXD)
(Or simplex TXD only and software flow control with RXD.)
 - Hardware flow control (RTS, CTS)
 - Optional line status for link control (DTR, DSR)
 - Other optional inputs (RI, CD)
- Host interface baud rate supported:
 - 1.2k, 2.4k, 4.8k, 9.6k, 19.2k, 38.4k, 57.6k, 115.2k bps

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