



IrDA[®] Compliant Protocol Processor ***ACT-IR8200D OBEX Server***

- ★ Complete IrDA[®] Protocol stack in a single chip.
- ★ No driver is needed.
- ★ Includes IrPHY[™] encoding/decoding and interfaces directly to infrared transceivers for data rate up to 115.2 kbps. Only an external infrared transceiver is needed to complete an IrDA[®] compliant infrared communication subsystem.
- ★ Supports mandatory IrDA[®] layer: IrPHY[™], IrLAP[™], IrLMP[™] and IAS[™].
- ★ Supports upper layers TinyTP[™], IrCOMM[™], IrLPT[™], and OBEX PUT/GET server.
- ★ Supports host baud rate from 1.2 kbps to 115.2 kbps, which is changeable by PC utility or 8 pins on chip. IrDA[®] baud rate from 9.6 kbps to 115.2 kbps, which is flexible setting by IrDA[®] devices.
- ★ Supports both IrDA[®] Primary and Secondary mode.
- ★ IR frame and Host buffer are 2048 bytes separately.
- ★ Low supply voltage, 3.0 V to 3.6 V.
- ★ Current consumption: 20 mA standby, 30 mA active.
- ★ Ambient operating temperature : 0 ~ 70 °C (commercial) / -40 ~ 85 °C (industrial)
- ★ Small low profile plastic 52-pin QFP package.
- ★ Available in programmed and tested chips, assembled & tested boards, or fully packaged devices.
- ★ A ready-made IrDA[®]-compatible evaluation dongle ACT-IR100SD is available. It is strongly recommended to evaluate ACT-IR100SD before purchasing IR8200D chip.
- ★ A very useful Full Set Evaluation Kit is ACT-IR100SDK, which includes: ACT-IR100SD and ACT-IR4000US (notebook / desktop USB-IrDA[®] adapter). This kit provides ACT-IR100SD (connected to your device) exchanging IR data with ACT-IR4000US (connected to PC USB port), running under HyperTerminal with Windows IrDA[®] driver. It can avoid debugging multiple issues.

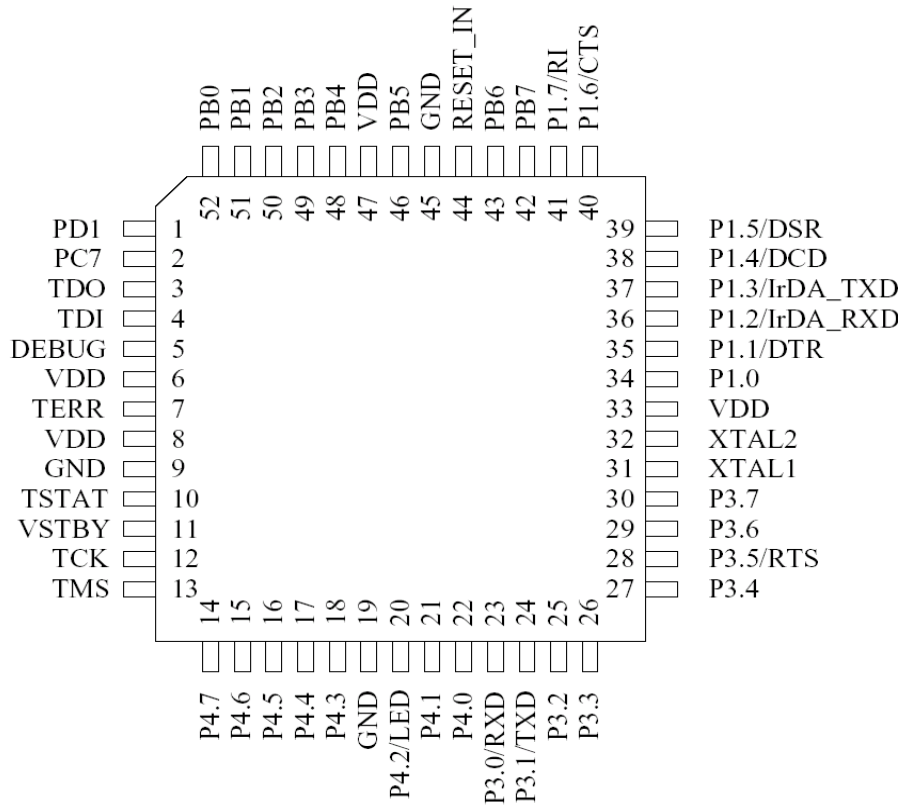




IrDA[®] Compliant Protocol Processor

ACT-IR8200D OBEX Server

ACT-IR8200D



The only IrDA[®] adapter supplier that has test tools to help your system to be IrDA[®] compliant !

ACTiSYS Corporation

921 Corporate Way
 Fremont, CA 94539, U.S.A.
 Tel: +1-510-490-8024
 Fax: +1-510-623-7268
 E-mail: irda-info@actisys.com
 Web Site: <http://www.actisys.com>

