

RS-232 TTL Interface

The Z232-ISOA serves as a high-speed isolated bridge between standard RS-232C voltage levels and 5V CMOS/TTL voltage levels. It is ideal for embedded system development where space or cost limitations preclude such on-board conversion circuitry. With the Z232-ISOA, serial data signals can be tied directly from a UART to a PC serial port.

Features

- 5V operation powered by target
- Standard DB-9 RS-232 connector
- CMOS/TTL interface
- Mating Connector: 4-pin 0.100" (Molex 22-01-3047)
- Baud rates up to 1Mbps
- Controlled slew-rate driver for low EMC

Pinouts

- RS-232 uses standard RS-232C pinout for DB-9 connector
- CMOS/TTL 4-pin 0.100" connector
 - Pin 1 – Vcc (5VDC)
 - Pin 2 – TX
 - Pin 3 – RX
 - Pin 4 – Ground



Electrical Specifications

- Maximum Vcc Input: +5.5V
- Typical Current Consumption: 74mA
- Operating Temperature Range: 0° to 70°C

Mechanical Specifications

- 26"L x 1.625"W x 0.875"H