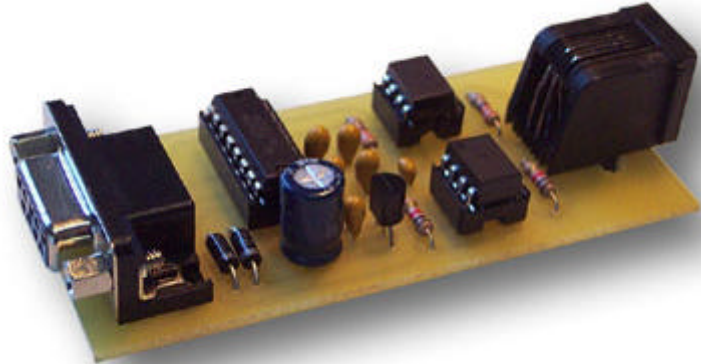

PORT POWERED ISOLATED RS232 to TTL INTERFACE

FEATURES:

- ◆ Port Powered (PC side), eliminates external power supply
- ◆ Optical Isolation up to 2500V protects sensitive PC equipment.
- ◆ Self contained, small size.
- ◆ Low cost, ideal for project interfacing.

**APPLICATION:**

The ET232 provides one optically isolated Receive/Transmit channel. Its design allows the conversion of TTL level signals to standard RS232 levels for use with a PC.

The optical isolation protects PC equipment from ground loop faults and surges.

The ET232 is an ideal addition to any application requiring isolated communications level conversion.

SPECIFICATIONS:

Power: RS232 side: PC Port Powered (uses DTR and RTS lines)
TTL Side: +4.5 to +5.5 Volts (isolated from PC) required

Isolation: 2500 V minimum

Data Rate: up to 115.2 kbps

Connectors: RS232 side: DB9 Female
4 contact, 4 position Modular Connector (standard telephone handset coil cord)

Dimensions: W=1.5" ; L=3.5"

PRODUCT DESCRIPTION:

The ET232 is a single channel RS232 to TTL communications level converter. The device is port powered on the PC side by using the RTS and DTR lines to provide power to drive its circuitry. The isolated TTL side requires between 4.5 to 5.5V.

The device features high speed opto-isolators and allows data rates up to 115.2 kbps. The opto-isolators provide a minimum of 2500V isolation from the TTL side to the RS232 (PC) side.

The RS232 side features a standard DB9 Connector for use with standard PC serial port cables. The TTL side features a four-contact, four-position modular connector similar to those found in telephone handset receivers. This allows the use of standard coiled handset cords.

Serial and TTL (modular connector) cables are sold separately.

ORDERING INFORMATION:

ET232 - Fully describes this product