PRODUCT NAME: MAX232 Dual EIA-232

Drivers & Receiver

PRICE: Rs 35.00 **SKU**: RM0062

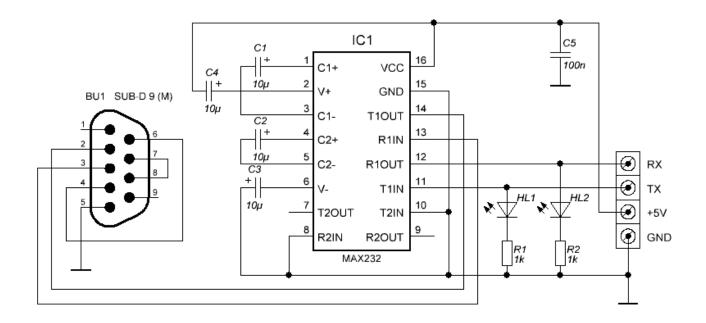


DESCRIPTION

Type your text

The **MAX232 IC** is used to convert the TTL/CMOS logic levels to **RS232 logic** levels during serial communication of microcontrollers with PC. The MAX232 is a dual driver/receiver and typically converts the RX, TX, CTS and RTS signals. The drivers provide RS-232 voltage level outputs (approx. \pm 7.5 V) from a single \pm 5 V supply via onchip charge pumps and external capacitors. This makes it useful for implementing **RS-232** in devices that otherwise do not need any voltages outside the 0 V to \pm 5 V range, as power supply design does not need to be made more complicated just for driving the RS-232 in this case. The receivers reduce RS-232 inputs (which may be as high as \pm 25 V), to standard 5 V TTL levels. These receivers have a typical threshold of 1.3 V, and a typical hysteresis of 0.5 V. The later **MAX232A** is backwards compatible with the original MAX232 but may operate at higher baud rates and can use smaller external capacitors \pm 0.1 ?F in place of the 1.0 ?F capacitors used with the original device.

Images/Pinout of MAX232 Dual EIA-232 Drivers & Receiver



Features of MAX232 Dual EIA-232 Drivers & Receiver:

- Meets or Exceeds TIA/EIA-232-F and ITU Recommendation V.28.
- Operates From a Single 5-V Power Supply With 1.0-µF Charge-Pump Capacitors.
- Operates up to 120 kbit/s.
- Two Drivers and Two Receivers.
- ±30-V Input Levels.
- Low Supply Current: 8 mA.

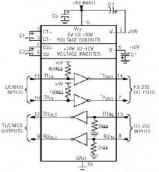
Applications of MAX232 Dual EIA-232 Drivers & Receiver:

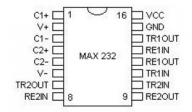
- Battery-Powered Systems requiring UART communication with COM port of older PC.
- Connection of Modems to microcontrollers.
- DIY projects for connecting to a COM port of a computer and various other components such as GSM module etc.

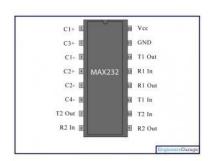
Also Searched as :max232 ic, max232 ic price, max232 circuit, max232 datasheet, how does max232 work, max232 driver, max232 pinout, eia 232 driver, dual eia-232 drivers/receivers.

ADDITIONAL IMAGES











3/3