



RS232- Bluetooth Adapter

Part Number: LM-058



Medical

Wireless medical applications



Industrial

Flow control monitoring



Telecoms

Data exchange

Overview

The LM Technologies LM058 Bluetooth Serial adapter eliminates your conventional RS232 serial cables, providing an invisible connection with superior freedom of movement.

This makes the LM058 one of the worlds most versatile and technically advance RS232 Bluetooth serial adapters.

This tiny adapter allows any device with a standard 9-pin Serial port to communicate wirelessly. You can communicate with another Bluetooth serial adapter or other Bluetooth devices such as a laptop computer, PDA or mobile phone.

Applications range from Medical, Industrial, Telecoms, Security, Automation, Manufacturing the list is endless.

The LM058 Supports Bluetooth Serial Port Profile and Bluetooth Generic Access Profile and uses the latest EDR V2.0 Chipset.

With a transmission range of upto 100 Meters (329 feet) as standard and with additional accessories such as the LM057 the LM058 can communicate upto 600 Meters



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Technical Specification

Product Name	RS232 Bluetooth Serial Adapter
Chipset	CSR BC4 EDR
Bluetooth Rate	3Mbps
Bluetooth Profiles	SPP and GAP
Baud Rate	4.8/9.6/19.2/38.4/57.6/115.2/230.4/460.8kbps
Transmission Class	Class 1 - 100 Meters
Spread Spectrum	2.4000 Ghz - 2.4835 Ghz
Modulation Method	Modulation GFSK-1 Mbps, DQPSK-2 Mbps, and 8-DPSK-3 mBPS
Transmitter Power	18 dBm
Receive Sensitivity	-86 dBm
Operating Range	100 Meters - Open Space
Operating Temperature	20°C to +75°C
Signal	TxD, RxD, GND, CTS, and RTSRS-232
Interface	D_SUB 9-pin female
Connections	Mini USB and Female SMA
Weight	57 Grams
Dimensions	35 mm (W) x 65 mm (D) x 16mm
Certificates	CE, FCC, RoHS and BQB

Features

- Constant updating of Firmware for global interoperability and compatibility
- Multiple power options, 9th Pin, AC mains PSU and USB power cable
- CSR BC04 EDR 2.0+ Chipset
- Windows configuration software
- PSU and gender changers supplied
- Growing and improving AT command set
- Approved product by some of the worlds leading datalogger manufactures
- 600 Meter range when supplied with the LM057 600 Meter antenna
- Firmware upgradeable

Contact



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