

Bluetooth RS-232 Adapter with battery supported

(Model: BT-232B)



Features:

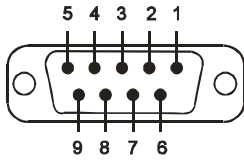
- Bluetooth V2.0 Class 1
- Built-in Battery Management (Power Input & Charger)
- Configure RS-232 parameters via COM port
- Internal Chip Antenna (Default)
- External Dipole Antenna (Optional)
- External Battery Input (Optional)

Specifications:

Specification	Description
Baud Rate	Supports 1.2/2.4/4.8/9.6/19.2/38.4/57.6/115.2/230.4 Kbps
Coverage	Up to 100 m
Connection	Point-to-point (pico net)
Signal	TxD, RxD, GND, CTS/RTS
RS-232 Interface	D_SUB 9-pin female
Standard	Bluetooth specification version 2.0+EDR
Profiles	Serial Port Profile and Generic Access Profile
Data Bit	8 bit
Frequency	2.400 to 2.4835 GHz
Hopping	1,600/sec, 1MHz channel space
Modulation	GFSK-1 Mbps, DQPSK-2 Mbps, and 8-DPSK-3 Mbps
Tx. Power	Max. 18 dBm (Class 1)
Rx. Sensitivity	-86 dBm typical
Antenna	Chip antenna or SMA female + external antenna (optional)
Antenna Gain	Chip antenna max. 1 to 2 dBi
Power Supply	+5 to +6 V DC
Current Consumption	Max. 90 mA
Operation Temperature	-20°C to +75°C
Battery	Internal Rechargeable Li-Polymer Battery 320 mAh
Dimensions	35 mm (W) x 45 mm (H) x 15 mm (D)

Remark:

1. Pin-out:



2. Signals:

Pin	Signal	DTE Direction	DCE Direction	Description
1	CD	Input	Output	Not connected
2	TxD	Output	Input	Transmitted data
3	RxD	Input	Output	Received data
4	DSR	Input	Output	Not connected
5	GND	N/A	N/A	Signal ground
6	DTR	Output	Input	Not connected
7	CTS	Input	Output	Clear to send (Remarks)
8	RTS	Output	Input	Request to send (Remarks)
9	Vcc	Input	Input	Power supply

Remark: All contents are subject to change without notice.



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