



Bluetooth Serial / RS232 Comparison Chart

Bluetooth RS 232 Adapter + Modules with SPP (Serial Port Profile) support



Phone: 0761/592100










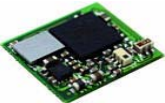

Phone: 01-58554-30





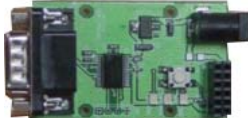











Phone 061/27311-31

	Type and Enclosure	Class BT	General Usage	Range (about)	DTE/DCE support	Chipset used	Connector	Antenna	Power provided (DC)	power through	Software Language	AT-Com. Support	Size (in mm)
<p>BT-Plug (PICO Plug)</p>	RS232+Centronics Adapter, translucent in plastic enclosure green or blue	2	Consumer use only	up to 10m (30 ft)	DTE + DCE autodetect	Ericsson	9 pin SUB-D female	internal ceramic Optional: external MMCX antenna (needs 10KOhm to ground)	5 to 10 V 120mA	AC wallplug (included) or Pin 18 from the Centronics (Printer) port (more power options available)	English German "Bluetooth Monitor"	No	60x125x20
<p>BT-Serial1</p>	RS232 Adapter in plastic enclosures different kinds available	2	allround, consumer + industr. use if range is not important	up to 10m (30 ft)	DTE + DCE autodetect	Ericsson	9 pin SUB-D female Optional: short cable 9 pin SUB-D male	internal ceramic Optional: external MMCX (needs min. Qty. Order)	5 to 10 V 120mA	AC wallplug (included) (more power options available)	English German "Bluetooth Monitor"	No	60x105x25 or 67x125x23
<p>BT-BlueSerial</p>	RS232 Adapter in plastic enclosure	2	allround, consumer + industr. use	up to 20m (60 ft)	DTE + DCE autodetect	CSR	9 pin SUB-D female	external MMCX Stub Antenna (included)	5 to 10 V	AC wallplug (included) or through Pin 9	English German "Bluetooth Monitor"	No	50x36x19
<p>BT-BlueSea</p>	RS232 Adapter in plastic enclosure	2	allround, consumer + industr. use	up to 20m (60 ft)	DTE + DCE autodetect	CSR	9 pin SUB-D female	external MMCX Stub Antenna (included)	5 to 10 V	AC wallplug (included) or through Pin 9 or NiMH battery (5-8 hours)	English German "Bluetooth Monitor"	No	50x36x19
<p>BT-BlueOEM</p>	RS232 Module PCB only	2	Integrators OEM	up to 20m (60 ft)	DTE + DCE autodetect	CSR	9 pin SUB-D female or PCB connector	external MMCX Stub Antenna (included)	5 to 10 V	AC wallplug (included) or through Pin 9	English German "Bluetooth Monitor"	No	44 x 30 or 44 x 18 if mounting edge removed

	Type and Enclosure	Class BT	General Usage	Range (about)	DTE/DCE support	Chipset used	Connector	Antenna	Power (DC)	provided through	Software Language	AT-Com. Support	Size (in mm)
 BT-PromiSD1 (SD 101)	RS232 Adapter in plastic enclosure	2 Tx+4dBm 2.5mW	allround, consumer + industr. use	up to 30m (100 ft)	DTE	CSR	9 pin SUB-D female	external SMA Stub Antenna (included) Large selection of optional antennas	5 to 10 V 40mA	AC wallplug or through Pin 9 or Lilon battery Optional: USB or open DC power cables	English "PromiWIN"	Yes	60 x 26 x 16
 BT-PromiSD2 (SD 102)	RS232 Adapter in plastic enclosure	2 Tx+4dBm 2.5mW	allround, consumer + industr. use	up to 30m (100 ft)	DTE	CSR	9 pin SUB-D female	external SMA Stub Antenna (included) Large selection of optional antennas	5 to 10 V 40mA	AC wallplug or through Pin 9 Optional: USB or open DC power cables	English "PromiWIN"	Yes	60 x 26 x 16
 BT-PromiSD3 (SD 202)	RS232 Adapter in plastic enclosure	1 Tx+18dBm 63mW	allround, consumer + industr. use	up to 100m (300 ft)	DTE	CSR	9 pin SUB-D female	external SMA Stub Antenna (included) Large selection of optional antennas	5 to 10 V 40mA	AC wallplug or through Pin 9 Optional: USB or open DC power cables	English "PromiWIN"	Yes	60 x 26 x 16
 BT-PromiESD	RS232 Module PCB only	1 Tx+20dBm Rx-84dBm	Integrators OEM	up to 100m (300 ft)	DTE	CSR	10 pin header male 2.54 mm pitch	external SMA Stub antenna and short cable (included) Large selection of optional antennas	3 to 3.3 V	10 pin header	English "PromiWIN"	Yes	27 x 27
 BT-SMSC2xx	RS232 Adapter in plastic enclosure	2	allround, consumer + industr. use	up to 30m (100 ft)	DTE or DCE (select on order)	CSR	9 pin SUB-D female	internal ceramic	5 to 10 V	AC wallplug or through Pin 9 (included) Optional: USB or open DC power cables	English	No	tba
 BT-SMSC1xx	RS232 Adapter in plastic enclosure	1	allround, consumer + industr. use	up to 100m (300 ft)	DTE or DCE (select on order)	CSR	9 pin SUB-D female	internal ceramic	5 to 10 V	AC wallplug or through Pin 9 (included) Optional: USB or open DC power cables	English	No	tba

	Type and Enclosure	Class BT	General Usage	Range (about)	DTE/DCE support	Chipset used	Connector	Antenna	Power (DC)	provided through	Software Language	AT-Com. Support	Size (in mm)
BT-SMSPPxx 	RS232 Module PCB only	2 Tx+3dBm Rx-82dBm	OEM min. order 10 units	up to 30m (100 ft)	DTE or DCE depends on ext. application	CSR	BGA (solder contacts) for direct 50 Ohm RF trace conn.	external (not included)	3 to 3.3 V unregulated or 2.65V regulated 53mA typ. 7mA Stdby 300uA Sleep	BGA (solder contacts)	English	No	14.4x21.4x3
BT-SM90146 	RS232 Module PCB only	2 Tx+3dBm Rx-82dBm	OEM high volume production starting 1K	up to 30m (100 ft)	DTE or DCE depends on ext. application	CSR	BGA (solder contacts) for direct 50 Ohm RF trace conn.	external (not included)	3 to 3.3 V unregulated or 2.65V regulated 53mA typ. 7mA Stdby	BGA (solder contacts)	English	No	12x14x2.2
BT-SM90147 	RS232 Module PCB only	2 Tx+3dBm Rx-82dBm	OEM tba	up to 30m (100 ft)	DTE or DCE	CSR	card edge connector 8 pin	internal ceramic "GigaAnt"	3 to 3.3 V unregulated or 2.65V regulated 53mA typ. 7mA Stdby 300uA Sleep	card edge connector	English	No	27.5x14x4.5

Options:

Bluetooth Multi Serial Ethernet AccessPoint  for up to 35 simultaneous RS-232 connections over the network or the Internet using Serial-IP or VirtualCOM protocol as COM Redirector to control large production sites wireless (BT-PromiMSP)	Developer Kits for fastest integration  fast results using SMART MiniModules  or PromiESD Modules	High Gain Antennas and custom cables  various dipole antennas  patch antennas	OEM Versions, R & D, Layout Bluetooth Software Design  Customer specific solutions 	Other Bluetooth Products supporting Serial Port Profile  Bluetooth PCI Card  Bluetooth PC-Card/PCMCIA  Bluetooth USB Adapters  Bluetooth ISDN  Bluetooth Scanners  Bluetooth Printer Adapter 
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