



# Bluetooth Serial / RS232 Comparison Chart

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





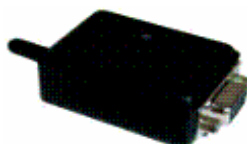


Phone: 0761/592100










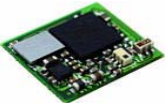

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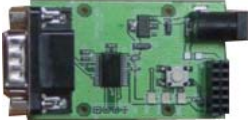





Phone 061/27311-31

	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)
<b>BT-Plug</b>  (PICO Plug)	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 <b>Optional:</b> 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
<b>BT-Serial1</b> 	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 <b>Optional:</b> short cable 9 pin SUB-D male	internal ceramic <b>Optional:</b> 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
<b>BT-BlueSerial</b> 	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 (more power options available)	English German "Bluetooth Monitor"	No	50x36x19
<b>BT-BlueSea</b> 	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) (more power options available)	English German "Bluetooth Monitor"	No	50x36x19
<b>BT-BlueOEM</b> 	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 (more power options available)	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)
 <b>BT-PromiSD1</b> (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 <b>Optional:</b> USB or open DC power cables	English "PromiWIN"	Yes	60 x 26 x 16
 <b>BT-PromiSD2</b> (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 <b>Optional:</b> USB or open DC power cables	English "PromiWIN"	Yes	60 x 26 x 16
 <b>BT-PromiSD3</b> (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 <b>Optional:</b> USB or open DC power cables	English "PromiWIN"	Yes	60 x 26 x 16
 <b>BT-PromiESD</b>	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
 <b>BT-SMSC2xx</b>	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) <b>Optional:</b> USB or open DC power cables	English	No	tba
 <b>BT-SMSC1xx</b>	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) <b>Optional:</b> 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)
<b>BT-SMSPPxx</b> 	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
<b>BT-SM90146</b> 	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
<b>BT-SM90147</b> 	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:**

<p><b>Bluetooth Multi Serial Ethernet AccessPoint</b></p>  <p>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)</p>	<p><b>Developer Kits for fastest integration</b></p>  <p>fast results using SMART MiniModules</p>  <p>or PromiESD Modules</p>	<p><b>High Gain Antennas and custom cables</b></p>  <p>various dipole antennas</p>  <p>patch antennas</p>	<p><b>OEM Versions, R &amp; D, Layout Bluetooth Software Design</b></p>  <p>Customer specific solutions</p> 	<p><b>Other Bluetooth Products supporting Serial Port Profile</b></p>  <p>Bluetooth PCI Card</p> <p>Bluetooth PC-Card/PCMCIA</p> <p>Bluetooth USB Adapters</p> <p>Bluetooth ISDN</p> <p>Bluetooth Scanners</p> <p>Bluetooth Printer Adapter</p>
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