

Bluetooth Serial / RS232 Comparison Chart

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

Phone: 0761/592100

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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 (DC)	provided through	Software Language	AT-Com. Support	Size (in mm)	
BT-Plug (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 Optional: external	120mA	AC wallplug (included) or Pin 18 from the Centronics	English German "Bluetooth Monitor"	No	60x125x20	
	Remarks: Supports Centronics (parallel) printers as well!							MMCX antenna (needs 10KOhm to ground)			(Printer) port (more power options availabe)			
BT-Serial1 Control Co	RS232 Adapter in plastic enclosures different kinds available Optional: NiMH Battery inside	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. Orc	5 to 10 V 120mA	AC wallplug (included)	English German "Bluetooth Monitor"	No	60x105x25 or 67x125x23	
DT Dive Coniel					DTE DOE		0 1 0110 0		a	(more power option				
BT-BlueSerial	RS232 Adapter in plastic enclosure Remarks:	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	
	Remote (wireless) configuration possible !							(more power options availabe)						
BT-BlueSeA	RS232 Adapter in plastic enclosure Remarks: NiMH Battery integrar Remote (wireless) co		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	
DT DI 0514										(more power option				
BT-BlueOEM	RS232 Module PCB only Remarks: Mounting edges can makes board smaller		Integrators OEM ed,	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	
	Remote (wireless) configuration possible !									(more power option	ns availabe)			

	Type and Enclosure	Class BT	General Usage	Range (about)	DTE/DCE support	Chipset used	Connector	Antenna	Power (DC)		Software Language	AT-Com. Support	Size (in mm)
BT-PromiSD1 (SD 101)	RS232 Adapter in plastic enclosure Remarks: Lilon Battery integral Extended AT comm		allround, consumer + industr. use ted !	up to 30m (100 ft)	DTE	CSR		external SMA Stub Antenna (included) Large selection of optional antennas	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 Remarks: Extended AT comm	2.5mW	allround, consumer + industr. use ted!	up to 30m (100 ft)	DTE	CSR		external SMA Stub Antenna (included) Large selection of optional antennas		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 Remarks: Extended AT community this place is a second to the place in the place is a second to the place in the place is a second to th	63mW nands suppor		up to 100m (300 ft)	DTE	CSR		external SMA Stub Antenna (included) Large selection of optional antennas	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 Remarks: Developer Board av Extended AT comm		OEM	up to 100m (300 ft)	DTE	CSR		SMA	ŗ	10 pin header	English "PromiWIN"	Yes	27 x 27
BT-SMSC2xx	RS232 Adapter in plastic enclosure Remarks: not available until today (Q2/04)	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 Remarks: not available until today (Q2/04)	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	Class BT	General	Range			Connector	Antenna			Software	AT-Com.	Size
	Enclosure	ВІ	Usage	(about)	support	used			(DC)	through	Language	Support	(in mm)
BT-SMSPPxx	RS232 Module PCB only	2 Tx+3dBm	OEM min. order	up to 30m (100 ft)	DTE or DCE depends	CSR	BGA (solder contacts)	external (not included)	3 to 3.3 V	BGA (solder contacts)	English	No	14.4x21.4x3
CONTROL OF THE PARTY OF THE PAR	Remarks:	Rx-82dBm	10 units	(10011)	on ext.		for direct	(not included)	or 2.65V regulated	contacts)			
	Full featured devel	oner Kit avail	able I		аррисации		trace conn.		53mA typ.				
	i dii idadi da dovoi	opor ratavan	abio .				11400 001111.		7mA Stdby	,			
									300uA Slee				
BT-SM90146	RS232 Module	2	OEM	up to 30m	DTE or DCE	CSR	BGA (solder	external	3 to 3.3 V	BGA (solder	English	No	12x14x2.2
	PCB only	Tx+3dBm	high volume	(100 ft)	depends		contacts)	(not included)	unregulated	contacts)			
	Remarks:	Rx-82dBm	production		on ext.		for direct		or 2.65V				
	not available		starting 1K		application		50 Ohm RF		regulated				
	until today (Q2/04)						trace conn.		53mA typ.				
	very small!								7mA Stdby	,			
BT-SM90147	RS232 Module	2	OEM	up to 30m	DTE or DCE	CSR	card edge	internal	3 to 3.3 V	card edge	English	No	27.5x14x4.5
	PCB only	Tx+3dBm	tba	(100 ft)			connector 8 pin	ceramic	unregulated	connector			
		Rx-82dBm						"GigaAnt"	or 2.65V				
* ISS	Remarks:								regulated				
	not available								53mA typ.				
	until today (Q2/04)								7mA Stdby				
									300uA Slee	р			
Options:													
Bluetooth Multi Serial	Developer Kits fo	r	High Gain Aı	ntennas	OEM Version	ıs, R & D,	Layout	Other Bluetoo	oth Products	5			
Ethernet AccessPoint	fastest integration	n	and custom	cables	Bluetooth So	oftware De	esign	supporting Se	erial Port Pr	ofile			
⊕ Bluetooth F€ (€ ← □								Pico		Bluetooth PCI (Card	1	
for up to 35 simultanious	fast results using		various dipole	antennas	Customer s	specific sol	utions	Bluetooth PC-0	Card/PCMCI	A PICO			
RS-232 connections	SMART MiniModul	les			i i						Blueto	oth Scanners	
over the network or the			110	11/2			Š.	13					
Internet using Serial-IP			10	11	•	12,0				Bluetooth CF-C	Cards	7	
or VirtualCOM protocol	是 是 是 是 是 。					ALL PARTY OF		Ji In			_		
as COM Redirector to				1	W Get a	SPEC	D = 0	1		Contraction in contract in con			
control large production							1000						
sites wireless	or PromiESD Modu	ules	patch ante	nnas	20		6	Bluetooth USE	3 Adapters	Bluetooth ISDN	N Blueto	ooth Printer Ad	dapter
(BT-PromiMSP)													