






Bluetooth® Modules



				
Product	BlueMod+C11/G2^{*)}	BlueMod+B20^{*)}	BlueMod+P24/G2^{*)}	BlueMod+P25/G2^{*)}
available Firmware versions	SPP, BCN (BlueCluster Network)	SPP, HCI, HID, Obex	SPP, HDP, HID, HDP with integrated IEEE 11073	SPP, HDP, HID, HDP with integrated IEEE 11073
Dimensions WxLxH (mm)	20 x 47.5 x 3.7	14.5 x 28 x 2.7 (internal antenna) 14.5 x 28 x 2 (antenna via pin)	13.5 x 18.75 x 2.85	13.5 x 22.75 x 2.85
RF-Power (max)	19 dBm Class 1	4 dBm Class 2	4 dBm Class 2	4 dBm Class 2
Range (open air)	up to 320 m	up to 60 m	up to 70 m	up to 70 m
Serial	1.2-921 kbps	1.2-2760 kbps	1.2-921 kbps	1.2-921 kbps
USB	device	device	device	device
Voice	PCM	PCM	PCM	PCM
Pins	stamp	stamp	land pattern	land pattern
Antenna, internal	ceramic	ceramic	-	ceramic
Access antenna external	UMP connector or pin	pin	pin	-
Power Supply	3.3V	3.3V	3.3V	3.3V
Current Transmission	50-115 mA, depending on data packets	30 mA	22.8 mA	22.8 mA
Current Idle	9.7 mA	2.5 mA	0.5 mA	0.5 mA
Current Sleep	4.9 mA	-	0.1 mA	0.1 mA
Temperature Range	-40°C..+85°C	-40°C..+85°C	-40°C..+85°C	-40°C..+85°C
Bluetooth Qualification	V2.0+EDR	V2.1+EDR	V3.0	V3.0
Evaluation and Development Kits	BlueEva+C11/G2	BlueEva+B20	BlueEva+P25/G2/SPP	BlueEva+P25/G2/SPP BlueDev+P25/G2/HDP

Date: 2012-01-26, subject to change without notice ^{*)} Designed in Germany.

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