

BlueMod+C11/G2 vs. G1

Delta sheet

Release r02

Note

This device was developed for the purpose of communication in an office environment. It is intended solely for our industrial clients for physical integration into their own technical products after careful examination by experienced technical personnel for its suitability for the intended purpose. The device was not developed for or intended for use in any specific customer application. The firmware of the device may have to be adapted to the specific intended modalities of use or even replaced by other firmware in order to ensure flawless function in the respective areas of application. Performance data (range, power requirements, etc.) may depend on the operating environment, the area of application, the configuration, and method of control, as well as on other conditions of use; these may deviate from the technical specifications, the Design Guide specifications, or other product documentation. The actual performance characteristics can be determined only by measurements subsequent to integration. Variations in the performance data of mass-produced devices may occur due to individual differences between such devices. Device samples were tested in a reference environment for compliance with the legal requirements applicable to the reference environment. No representation is made regarding the compliance with legal, regulatory, or other requirements in other environments. No representation can be made and no warranty can be assumed regarding the suitability of the device for a specific purpose as defined by our customers. Stollmann reserves the right to make changes to the hardware or firmware or to the specifications without prior notice or to replace the device with a successor model. Of course, any changes to the hardware or firmware of any devices for which we have entered into a supply agreement with our customers will be made only if, and only to the extent that, such changes can reasonably be expected to be acceptable to our customers. No general commitment will be made regarding periods of availability; these must be subject to individual agreement. All agreements are subject to our Terms and Conditions for Deliveries and Payments, a copy of which is available from Stollmann.

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Feature	G1	G2
PCB thickness	1,4mm	0,8mm
Module heights	4 mm	3,5mm
Ext. Antenna Connector type	U.FL	UMP
Bluetooth version	1.2	2.0
Firmware version	Up to 1.200	>= 1.200
Power supply	3,23 to 3,37 V	3,0 to 3,6 V
Current consumption connected	75 mA	32 mA
Current consumption peak	150 mA	185 mA
Operating Temp Range	-25 to +70 °C	-40 to + 85 °C
RF transmit Power basic rate (typ)	15 dBm	18,5 dBm
RF sensivity basic rate (typ)	-80 dBm	-90 dBm
Min Power up time	9 sec	1.4 sec
Pull Rs on GPIO0..3,5..7	Pulldown	Pullup
Pulls on TxD,RTS	Pulldown	Pullup
GPIOs (max)	14	17
ADC	No	yes

History

Version	Release Date	By	Change description
r01d01	23.03.2007	JW	Initial version
r01d02	19.07.2007	AA	Dimensions added
r01	23.07.2007	JW	PCB thickness C11 added
r02	04.09.2007	BG	New template

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