

BLUEGIGA Bluetooth Modules and Devices



This product is RoHS compliant.

BLE112 4.0 LOW ENERGY BLUETOOTH MODULE

Bluetooth Low Energy Modules are single mode devices targeted for low power sensors and accessories. Bluetooth Low Energy Modules offer all Bluetooth low energy features--radio, stack, profiles, and application space for customer applications--so an external processor is not needed



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bluegiga Part No.	Fig.	Bluetooth Specification	Bluetooth Class	Antenna Option	Chip	Firmware	Price Each				
								1	25	50	100	
603-BLE112-A	BLE112-A	A	4.0	2	Integrated	Ti CC2540	Low Energy	33.33	32.47	31.65	30.86	
603-BLE112-E	BLE112-E	A	4.0	2	U.FL Conn. RF Pin	Ti CC2540	Low Energy	33.33	32.47	31.65	30.86	
603-BLE112-N	BLE112-N	A	4.0	2		Ti CC2540	Low Energy	33.33	32.47	31.65	30.86	
USB Dongle												
603-BLED112	BLED112	B	4.0	2	Integrated	Ti CC2540	Low Energy	35.00	34.20	33.36	32.40	
Development Kit												
Description												
603-BLE112-STK	BLE112-STK		Bluetooth / 802.15.1 Modules & Development Tools Starter Kit					440.00	-	-	-	-
603-DKBLE112	DKEBLE112		4.0 Low Energy Bluetooth Development Kit fir BLE112 Module					375.64	-	-	-	-

WT41 LONG RANGE BLUETOOTH MODULE

WT41 is truly a long range Bluetooth module offering impressive 1,000 meters range between two WT41 Bluetooth modules. The module utilizes Bluegiga's sophisticated radio frequency design methodologies and offers OEM's a trouble free product even with tight integration with surrounding electronics.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bluegiga Part No.	Fig.	Bluetooth Specification	Bluetooth Class	Antenna Option	Chip	Firmware	Price Each				
								1	25	50	100	
603-WT41-A-AI4	WT41-A-AI4	C	2.1 + EDR	1	Chip Antenna	BlueCore-04	iWRAP 4.0.0	33.15	32.29	31.47	30.69	
Development Kit												
Description												
603-EBWT41-A	EBWT41-A		WT41 Eval Board (one WT41 Eval Board, Onboard Installation Kit and serial cable)					235.00	-	-	-	-

WT32 BLUETOOTH AUDIO MODULE

WT32 is the latest generation of Bluetooth modules. It provides highest level of integration with integrated 2.4 GHz radio, DSP, battery charger, stereo codec and antenna ready to hit mono and stereo applications. WT32 is also fully ready to support the latest Bluetooth 2.1 + EDR standard.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bluegiga Part No.	Fig.	Bluetooth Specification	Bluetooth Class	Antenna Option	Chip	Firmware	Price Each				
								1	25	50	100	
603-WT32-A-AI4	WT32-A-AI4	D	2.1 + EDR	2	Chip Antenna	BlueCore-05 Multimedia	iWRAP 4.0.0	33.33	32.47	31.65	30.86	
603-WT32-A-AI3	WT32-A-AI3	D	2.1 + EDR	2	Chip Antenna	BlueCore-05 Multimedia	iWRAP 3.0.0	33.33	32.47	31.65	30.86	
603-WT32-E-AI3	WT32-E-AI3	D	2.1 + EDR	2	W.FL Connector	BlueCore-05 Multimedia	iWRAP 3.0.0	33.33	32.47	31.65	30.86	
Development Kit												
Description												
603-EBWT32-A	EBWT32-A		WT32 Eval Board (1 WT32 Eval Board, stereo headphones, Onboard Installation Kit & USB/serial cable)					325.00	-	-	-	-

WT21 BLUETOOTH HCI MODULE

WT21 is intended at Bluetooth applications where a host processor is capable of running the Bluetooth software stack. WT21 only implements the low level Bluetooth Host Controller Interface (HCI) but still offers advantages of a module - easy implementation and certifications.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bluegiga Part No.	Fig.	Bluetooth Specification	Bluetooth Class	Antenna Option	Chip	Firmware	Price Each			
								1	25	50	100
603-WT21-A-HCI	WT21-A-HCI	E	2.1 + EDR	1	Chip Antenna	BlueCore-06	HCI	20.00	19.48	19.23	18.99
603-WT21-N-HCI	WT21-N-HCI	E	2.1 + EDR	1	No Antenna	BlueCore-06	HCI	20.00	19.48	19.23	18.99

WT12 - CLASS 2 BLUETOOTH 2.1 + EDR MODULE

WT12 is a class 2, Bluetooth 2.1 + EDR module. It's a highly integrated Bluetooth module, containing all the necessary elements from Bluetooth radio to antenna, and a fully implemented iWRAP protocol stack.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bluegiga Part No.	Fig.	Bluetooth Specification	Bluetooth Class	Antenna Option	Chip	Firmware	Price Each				
								1	25	50	100	
603-WT12-A-AI4	WT12-A-AI4	F	2.0 + EDR, 2.1 + EDR	2	Chip Antenna	BlueCore-04	iWRAP 4.0.0	26.66	25.97	25.33	24.68	
603-WT12-A-AI3	WT12-A-AI3	F	2.0 + EDR, 2.1 + EDR	2	Chip Antenna	BlueCore-04	iWRAP 3.0.0	26.66	25.97	25.33	24.68	
603-WT12-A-AI	WT12-A-AI	F	2.0 + EDR, 2.1 + EDR	2	Chip Antenna	BlueCore-04	iWRAP 2.0.0	26.66	25.97	25.33	24.68	
Development Kit												
Description												
603-EKWT12-A	EKWT12-A		WT12 Eval Kit (2 Eval Boards, power adapters, serial cable & Onboard Installation Kit for module re-flashing)					475.00	-	-	-	-
603-EBWT12-A	EBWT12-A		WT12 Eval Board (one WT12 Eval Board, power adapter and serial cable)					220.00	-	-	-	-

WT11 - CLASS 1 BLUETOOTH 2.1 + EDR MODULE

WT11 is a next-generation, class 1, Bluetooth 2.1 + EDR module. It's a highly integrated Bluetooth module, containing all the necessary elements from Bluetooth radio to antenna, and fully implemented iWRAP protocol stack.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bluegiga Part No.	Fig.	Bluetooth Specification	Bluetooth Class	Antenna Option	Chip	Firmware	Price Each				
								1	25	50	100	
603-WT11-A-AI4	WT11-A-AI4	G	2.0 + EDR, 2.1 + EDR	1	Chip Antenna	BlueCore-04	iWRAP 4.0.0	29.33	28.57	27.85	27.16	
603-WT11-A-AI3	WT11-A-AI3	G	2.0 + EDR, 2.1 + EDR	1	Chip Antenna	BlueCore-04	iWRAP 3.0.0	29.33	28.57	27.85	27.16	
603-WT11-A-AI	WT11-A-AI	G	2.0 + EDR, 2.1 + EDR	1	Chip Antenna	BlueCore-04	iWRAP 2.2.0	29.33	28.57	27.85	27.16	
603-WT11-E-AI3	WT11-E-AI3	G	2.0 + EDR, 2.1 + EDR	1	U.FL Connector	BlueCore-04	iWRAP 3.0.0	29.33	28.57	27.85	27.16	
603-WT11-E-AI	WT11-E-AI	G	2.0 + EDR, 2.1 + EDR	1	U.FL Connector	BlueCore-04	iWRAP 2.2.0	29.33	28.57	27.85	27.16	
Development Kit												
Description												
603-EKWT11-A	EKWT11-A		WT11 Eval Kit (2 Eval Boards, power adapter, serial cable & Onboard Installation Kit for module re-flashing)					470.00	-	-	-	-
603-EBWT11-A	EBWT11-A		WT11 Eval Kit (one WT11 Eval Board, power adapter, and serial cable)					220.00	-	-	-	-

EHEALTH MODULES



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bluegiga Part No.	Fig.	Bluetooth Specification	Bluetooth Class	Antenna Option	Chip	Firmware	IEEE	Price Each			
									1	3	5	100
603-WT12AEHLTHDP337	WT12-A-eHealth-HDP337	F	2.0 + EDR, 2.1 + EDR	2	Chip Antenna	BlueCore-04	iWRAP 4.1.0	Agent	26.66	25.97	25.33	24.68
603-WT11AEHLTHDP337	WT11-A-eHealth-HDP337	G	2.0 + EDR, 2.1 + EDR	1	Chip Antenna	BlueCore-04	iWRAP 4.1.0	Agent	29.33	28.57	27.85	27.16
eHealth Evaluation Boards												
Description												
603-EBWT41-A-EHEALTH	EBWT41-A-eHealth		802.15.1 Modules & Development Tools WT41-A Eval Board w/HDP firmwr w/IEEE Agents					499.00	400.80	380.80	361.75	
603-EBWT12-A-EHEALTH	EBWT12-A-eHealth		802.15.1 Modules & Development Tools WT12-A Eval Board w/HDP firmwr w/IEEE Agents					499.00	400.80	380.80	361.75	
603-EBWT11-A-EHEALTH	EBWT11-A-eHealth		802.15.1 Modules & Development Tools WT11-A Eval Board w/HDP firmwr w/IEEE Agents					499.00	400.80	380.80	361.75	

