

Bluetooth SMD Module - BC127

WRL-12819 ROHS

2

DESCRIPTION FEATURES DOCUMENTS

This is the BC127, a highly flexible, low power, small form factor Bluetooth Version 4.0 Certified Audio module. Each module comes preloaded with BlueCreation Melody software, and is ideal for developers who want to quickly and cost effectively integrate Bluetooth functionality into a project.

The BC127 module is equipped with an integrated antenna and is able to run all Bluetooth stacks and codecs at low energy and power consumption (3.3V - 4.7V and 15mA). These modules have an maximum operating range of 30m, a maximum data rate of 3Mbps, and a frequency band of 2402MHz to 2480MHz.



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TUTORIALS SUPPORT TIPS SKILLS NEEDED



Understanding the BC127 Bluetooth Module

JANUARY 31, 2014

SparkFun has two boards using the BC127; here's what you need to know to use them.



Wireless Audio Bluetooth Adapter w/ BC127

DECEMBER 14, 2017

Build a custom wireless audio Bluetooth adapter using BlueCreation's BC127 and add it to your old speaker system!

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Customer Reviews

4 out of 5

Based on 2 ratings:

5 star		0
4 star		2
3 star		0
2 star		0
1 star		0

Currently viewing all customer reviews.

BC127 review

about 3 years ago by Member #661600 verified purchaser

Perfectly working. Be aware when you open the connection with HFP profile … Use "OPEN (ADDRESS) AG" instead of logical "OPEN (ADRESS) HFP"

BC127

about 2 years ago by Member #570939 verified purchaser

small powerful device, I am sure it is capable of doing everything I need to make a audio device with bluetooth. My biggest complaint is commanding the module. Manufacture support is hard to come by, documentation is incomplete and I spent way to much time learning how to make it function. I would give the module 4 stars but support maybe 1 star

START SOMETHING.

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In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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