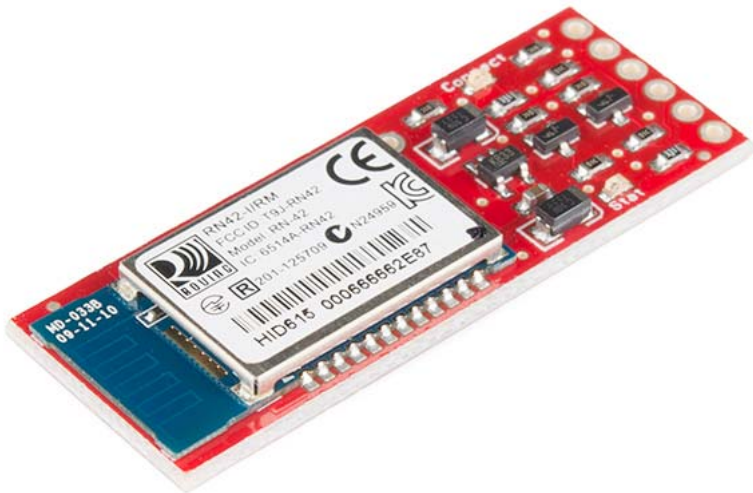


sparkfun

★★★★☆ 8



- Board: 1.75x0.65"

Documents:

- Schematic
- Eagle Files
- RN-42 AT Command Set v6.15
- RN-42 Datasheet
- Hookup Guide
- Basic Windows Remote Arduino
- Bluetooth Primer
- GitHub

Recommended Products



SPARKFUN RECOMMENDED
Arduino Pro Mini 328 - 5V/16MHz
DEV-11113
\$9.95
★★★★☆ 102



SPARKFUN RECOMMENDED
Arduino Uno - R3
DEV-11021
\$24.95
★★★★☆ 85



SPARKFUN RECOMMENDED
Arduino Mega 2560 R3
DEV-11061
\$45.95
★★★★☆ 37



SPARKFUN RECOMMENDED
RedBearLab BLE Nano - nRF51822
WRL-13729
\$17.95
★★★★★ 2

COMMENTS 39 **REVIEWS ★★★★★ 8**

Customer Reviews

★★★★☆ 4.8 out of 5

Based on 8 ratings:

5 star	6
4 star	2
3 star	0
2 star	0
1 star	0

★★★★★

about 5 months ago by Member #823661 verified purchaser


It works perfectly with my Arduino board.

★★★★★ Simple and easy to setup

about 10 months ago by Member #708195 verified purchaser


Connects to the microcontroller with AT commands pretty easily. Bluetooth connection is stable. Cheap way to get bluetooth on your controller.

★★★★☆ Functions as advertised

about 8 months ago by brianb000 


I use this with a Samsung phone to control/steer an autopilot on a sailing vessel. An ASCII command sentence is passed via the bluetooth mate to the autopilot and the boat takes the appropriate action. Range is at least 30 ft. Data seems not to be corrupted in our testing to date.

★★★★☆ Versatile device

about 9 months ago by Member #50032 

When combined with a RS-232 to TTL/Cmos Converter it is even more useful for building interfacing between Serial ports with differing Logic levels. So I am happy to have one of these available in the tool box. Combining these two functions on one breakout board and adding a small modular case and DB9 connector would be great.

★★★★★ nifty!

about 2 years ago by Member #517287 

Really easy to hook up once you read through the user manual.

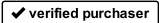
★★★★★ Simple, easy to use, and it works.....

about 2 years ago by Member #389441 

It took about 4 minutes to solder in a header, apply power, pair the device with my Galaxy S4, send data, and confirm using oscilloscope. It just simply works..... Could not ask for anything more.

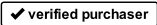
If you wanna mess around with bluetooth, this board is great for it. I like the fact that it runs on 3.3v for those processors that are not 5v tolerant. I didn't dig into the datasheet for this, but it was easy to find. Improvements: Not sure, but tx and rx leds would be a nice addition.

★★★★★ SparkFun Bluetooth Mate Silver... Works beautifully!

about a year ago by Member #645615 

I have been painfully frustrated trying many Bluetooth modules with my Arduino Uno, but so far this little Mate is the easiest to configure and use... I definitely recommend it... Can't wait to try the Mate Gold!

★★★★★ Works great - but...

last year by Member #85027 

My only complaint would be that it would be immensely useful to have the GPIO pins individually terminated to ground with pull-down resistors and provide solder-bridge pads to strap them to a logic high. This would allow using the hardware control modes, which would greatly simplify reconfiguration once installed in a device. It is vitally important to have independent access to GPIO4 in order to be able to perform a factory reset of the device.

Otherwise, this device is nothing but GREAT!
