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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Export Restrictions

This product has some level of export control/restriction, so may be delayed by 2-3 business days when shipping outside the United States. [Contact us](#) with questions, or we will contact you after you place your order.

SparkFun Bluetooth Module Breakout - Roving Networks (RN-41 v6.15)

WRL-12579 ROHS ✓



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3D Download: Sketchup, STL, Blender

Description: This is a simple breakout for the Roving Networks Bluetooth module. All pertinent pins are broken out and labeled. This new version's headers are unpopulated. Check below for appropriate headers.

The module from Roving Networks is powerful, small, and very easy to use. This Bluetooth module is designed to replace serial cables. The Bluetooth stack is completely encapsulated. The end user just sees serial characters being transmitted back and forth. Press the 'A' character from a terminal program on your computer and an 'A' will be pushed out the TX pin of the Bluetooth module.

Do not attach this device directly to a serial port. You will need an RS232 to TTL converter circuit if you need to attach this device to a computer.

Features:

- Fully qualified Bluetooth module
- FCC Certified
- Fully configurable UART

- UART Data rates up to 3Mbps
- Over air data rate of 721kbps to 2.0Mbps
- Low power sleep mode
- Compatible with all Bluetooth products that support SPP (almost all do)
- Includes support for BCSP, DUN, LAN, GAP SDP, RFCOMM, and L2CAP protocols
- 3.3V operation
- Status pin
- Bluetooth Technology v2.0 compatible
- Class 1 power output

Dimensions: 1.0x0.9"