



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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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FireFly™

Bluetooth™ 2.0 (EDR) Serial Adapter

Roving Networks, a leading developer of wireless intelligent network appliances, introduces the FireFly Bluetooth serial adapter. This device gives any RS232 or 422 serial port Bluetooth capabilities.

True Plug-and-play

Smaller than a business card, FireFly easily attaches to RS232 or 422 serial ports via DB9 male or female connector. Often no software configuration is needed, just plug it on and start connecting!

Tri-mode Operation

Three connection modes are available:

- **Slave Mode-** Bluetooth clients, such as Palm/Pocket PC PDA's, laptops, scanners, cellphones directly connect to FireFly via Bluetooth Serial Port Profile, creating a Virtual COM port on the client.
- **Instant Cable -** matched pair of FireFlies link to each other for a wireless cable replacement.
- **Master Modes-** FireFly can automatically (or manually via software control codes) discover and connect to other Bluetooth SPP devices in master mode. FireFly can also trigger on incoming data and auto disconnect when data transfer is complete to minimize power.



Features and Specifications

- Bluetooth Specification 2.0 (with EDR high data rate) compliant, also compatible with 1.1/1.2.
- DB9 male (or female) with onboard jumpers swap DCE/DTE eliminates need for crossover cables.
- Built in regulator, can be powered from any 4 to 12VDC source, accepts power from DB Pin 9.
- Settings can be easily changed with AT commands via serial port and remotely over Bluetooth.
- Baudrates from 1200 to 464K pbs, and non-standard values, defaults to 9600 or 115200.
- High Power (Class 1) 100Meter Bluetooth™ radio with integrated Antenna.
- Advanced Trigger mode connects/disconnects upon sensing incoming data.
- 3 LEDs, Transmit/Received data, Power/Connection Status, Configuring mode.
- Low power operation, Sniff mode capable (1-10ma standby, 30-50ma connected)
- Small form factor: 3.0" X 1.3" X 0.9"

Ordering numbers: RS232 = RN-240M (male) RN-240F (female), RS422 = RN-422M