

ROVING NETWORKS Adapters and Modules

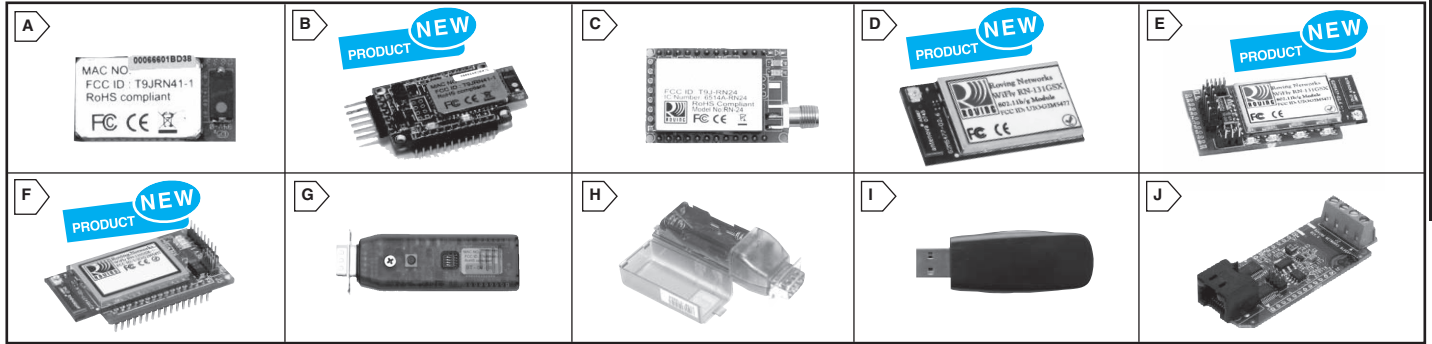


Embedded Modules

Roving Networks

RoHS Compliant This product is RoHS compliant.

ROVING NETWORKS EMBEDDED MODULES AND ADAPTERS



Bluetooth Modules

The RN-41 Class 1 module is available with on board chip antenna and is both FCC/CE certified and bluetooth SIG registered. The RN-24 super module has voltage regulation, status LEDs, thru hole pins/headers, and chip (S) or SMA (E) Antenna options.

Features:

- Postage stamp sized modules, 15mm x 22mm
- Castellated SMT pads for easy and reliable PCB mounting
- Bluetooth v1.1, 1.2, and 2.0/ EDR compliant
- On board ceramic ANT(S) and external SMA ANT(E) versions
- On board bluetooth stacks/profiles make integration simple (no host code)
- Low power consumption, 1mA standby, 25mA connected
- Sustained data performance of >100kbps bi-directional
- Advanced features such as auto pairing and auto connect master
- Fully configurable with simple AT style commands locally over UART and remotely over Bluetooth
- Complete embedded solution, simplest mode requires only 4 pin connection (TX, RX, VCC, GND)

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Roving Networks Part No.	Fig.	Description	Range (meters)	Interfaces	Size (mm)	Price Each		
							1	5	10
765-RN-41	RN-41	A	Bluetooth v2.0+EDR Class 1	100	UART/USB	13.4x25.8x2	24.95	24.80	24.50
765-RN-41-SM	RN-41-SM	B	Bluetooth v2.0+EDR Class 1 Socket Module	100	UART/RS232	28 x 40.8	45.00	43.02	40.95
765-RN-24S	RN-24S	C	Bluetooth v2.0+EDR Supermodule w/ Chip Ant.	100	UART/RS485	38.1x25.4	69.00	55.81	53.13
765-RN-24E	RN-24E	C	Bluetooth v2.0+EDR Supermodule w/ SMA Jack	100	UART/RS485	38.1x25.4	69.00	55.81	53.13

WiFly™ 802.11b/g GSX Embedded Module

The new WiFly GSX Module is a stand alone, embedded wireless 802.11b/g WiFi module that uses 100m WATT when active and 10m WATT in sleep mode. This GSX Module incorporates a 2.4GHz radio, processor, TCP/IP stack, real-time clock, crypto accelerator, power management and analog sensor interfaces. Because of its small form factor and extremely low power consumption, the RN-131G is perfect for mobile wireless applications such as asset monitoring, GPS tracking and battery sensors. The RN-134 Super Module is built upon Roving Networks RN-131 WiFly GSX module. The RN-134 is a field ready, WiFi certified 802.11 b/g solution.

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Roving Networks Part No.	Fig.	Description	Frequency (MHz)	Number of Channels	Channel Intervals	Price Each		
							1	5	10
765-RN-131G	RN-131G	D	802.11b/g WiFi GSX Module - Industrial Temperature	2402-2480	1-14	5MHz	45.00	44.10	44.10
765-RN-131C	RN-131C	D	802.11b/g WiFi GSX Module - Commercial Temperature	2402-2480	1-14	5MHz	39.00	38.22	37.54
765-RN-131G-EVAL	RN-131G-EVAL	--	WiFly GSX 802.11b/g Development Kit	--	--	--	149.00	147.52	146.02
765-RN-134	RN-134	E	WiFly GSX Super Module, RS232 and TTL signaling, status LEDs, 3-12 volt power regulators	2402-2480	1-14	5MHz	99.00	94.63	90.09
765-RN-134-K	RN-134-K	--	Evaluation Kit with RN-134 WiFly GSX Super Module	--	--	--	119.00	113.75	108.29

WiFly™ GX 802.11b/g Super Module

The WiFly GX module is a stand alone, embedded wireless LAN/WAN access device which simplifies the integration and development of your application by including an on board TCP/IP stack and networking application programs such as telnet and ftp. The WiFly GX module uses a straight forward ASCII command set for configuration and programming. Once the WiFly GX is set up it can automatically associate and authenticate with a network, making your device accessible worldwide.

For quantities of 25 and up, call for quote.

765-RN-121G	RN-121G	F	WiFi 802.11b/g Through Hole Module with UART & SPI Interfaces	2402-2480	1-14	5MHz	69.00	65.96	62.79
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Bluetooth™ Adapters

Roving Networks offers several serial adapters and sensors to integrate your embedded device, allowing access from wireless enabled PCs, PDAs, cellphones, and networks.

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Roving Networks Part No.	Fig.	Description	Price Each		
				1	5	10
765-RN-240M	RN-240M	G	Bluetooth to RS232 adapter with male connector	79.00	69.71	66.36
765-RN-240F	RN-240F	G	Bluetooth to RS232 adapter with female connector	79.00	69.71	66.36
765-RN-422M	RN-422M	G	Bluetooth to RS422 adapter with male connector	149.00	131.47	125.16
765-RN-270M	RN-270M	H	Bluetooth to RS232 adapter, AAA battery powered with male connector	109.00	104.19	99.19
765-RN-270M-K-US	RN-270M-K-US	H	Bluetooth to RS232 Serial Adapter Kit - US Version	125.00	119.50	113.75
765-RN-270M-K-INT	RN-270M-K-INT	H	Bluetooth to RS232 Serial Adapter Kit - International Version	125.00	119.50	113.75
765-RN-270F	RN-270F	H	Bluetooth to RS232 adapter, AAA battery powered with female connector	109.00	104.19	99.19
765-RN-270F-K-US	RN-270F-K-US	H	Bluetooth to RS232 Serial Adapter Kit - US Version	125.00	119.50	113.75
765-RN-270F-K-INT	RN-270F-K-INT	H	Bluetooth to RS232 Serial Adapter Kit - International Version	125.00	119.50	113.75
765-RN-274M	RN-274M	H	Bluetooth to RS422 adapter, AAA battery powered with male connector	249.00	238.01	226.59
765-RN-274M-K-US	RN-274M-K-US	H	Bluetooth to RS422 Adapter Kit - US Version	265.00	253.30	241.15
765-RN-274M-K-INT	RN-274M-K-INT	H	Bluetooth to RS422 Adapter Kit - International Version	265.00	253.30	241.15
765-RN-USB-X	RN-USB-X	I	Bluetooth 2.1 "diverless" USB dongle	69.00	65.96	62.79
765-RN-USB-T	RN-USB-T	I	Bluetooth 2.0 USB dongle	29.00	27.72	26.39
765-RN-800S-CB	RN-800S-CB	J	Bluetooth data acquisition and control module	299.00	--	--

ACCESSORIES

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Roving Networks Part No.	Description	Price Each		
			1	5	10
765-RN-PS-US	RN-PS-US	Power Supply-5VDC 1A, 100-240VAC 50-60Hz auto sensing	7.50	6.62	6.30
765-RN-PS-INT	RN-PS-INT	Power Supply-Includes connectors for North America, Europe, UK, and Australia/New Zealand	15.00	13.24	12.60
765-RN-PS-USB	RN-PS-USB	Power Supply-Powers from USB Port	7.50	7.43	7.35
765-RN-SMA-S	RN-SMA-S	1" Antenna, 2.4GHZ, Space Saver	5.95	5.25	5.00
765-RN-SMA4-RP	RN-SMA4-RP	4" Reverse Polarity, Long Range Antenna	7.95	7.34	6.68
765-RN-SMA-4	RN-SMA-4	Antenna with SMA Connector - 2.4GHZ Male 4", base can rotate to any angle for optimal positioning	7.95	7.34	6.68
765-RN-UFL-SMA6	RN-UFL-SMA6	6" Coax Cable with UFL and RPSMA Connectors	5.00	4.42	4.20
765-RN-USB-SERIAL	RN-USB-SERIAL	1 meter Smart USB 1.1 to RS232 Serial Cable	16.95	16.21	15.42