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RN-24/RN-25 (05/02/2012)

The RN-24 is a Class 1 Bluetooth through hole module with RS232 interface, status LEDs, and either SMA jack or ceramic on-board antenna. This low power super module transforms your product's serial interface into a wireless connection. Its auto-connect and connect-on RX data features, enables your product to transfer data up to 100 meters. The RN-24 also accepts a wide range of unregulated DC power. The DIP packaging with GPIO, UART interfaces, and AD converter allows products to have optional Bluetooth capability when the module is plugged in.

- Features**
- Fully qualified Class 1 Bluetooth 2.1 + EDR module
  - Bluetooth SIG qualified
  - UART (SPP or HCI) data connection hardware interfaces
  - Onboard embedded Bluetooth stack (no host processor required)
  - Supports HID profile for making accessories such as keyboards, mouse, pointing devices
  - Programmable low power modes
  - Secure communications, 128 bit encryption
  - Error correction for guaranteed packet delivery
  - UART local and over-the-air RF configuration

Parameter Name	Value
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= Sample a part = Buy a part All pricing shown in USD only.

Part Number	Leads	Package Type	Temp Range	Packing	1-25	26-99	100+	1000-4999	5000+	Buy	Sample
RN24E-I/RM	32	Module	-40C to +85C	BAG	69.00	49.34	47.44	47.44 *	47.44 *		
RN24S-I/RM	32	Module	-40C to +85C	BAG	69.00	49.34	47.44	47.44 *	47.44 *		

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\*\* Device not available to purchase online. Please contact a sales office for pricing information.

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