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# RN25

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

The RN-25 is a Class 1 Bluetooth through hole module with RS485 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 100M. The RN-25 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
RN25E-I/RM	32	Module	-40C to +85C	BAG	99.00	70.79	68.06	68.06 *	68.06 *		
RN25S-I/RM	32	Module	-40C to +85C	BAG	99.00	70.79	68.06	68.06 *	68.06 *		

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