

Product	Roving Part Number	Microchip Part Number	Description	HTS Code	ECCN #	Country of Origin	Static Sensitive (ESD status)	RoHS compliant	Lead Free	Standard Package Qty (MOQ)	Packaging
WiFi Module	RN-121	RN121-/RM	Wi-Fi 802.11 b/g through hole module. Has the functionality of the RN-131G and includes on-board antenna or U.FL connector	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Module	RN-121-HDR	RN121HDR-/RM	Wi-Fi 802.11 b/g through hole module. Has the functionality of the RN-131G and includes on-board antenna or U.FL connector HEADER: Includes 16 pin header	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Module	RN-123	RN123-/RM	Industrial application Wi-Fi 802.11 b/g through hole module RS232 interface, 9-48 VDC power. Has the functionality of the RN-131G and includes on-board antenna or U.FL connector	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Module	RN-125	RN125-/RM	Industrial application Wi-Fi 802.11 b/g through hole module RS485 interface, 9-48 VDC power. Has the functionality of the RN-131G and includes on-board antenna or U.FL connector	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Module	RN-131C	RN131C/RM	Ultra low power Wi-Fi 802.11 b/g surface mount module with on-board antenna and U.FL connector. C: Commercial grade temperature (0C to 70C)	8529.90.2200	5A002a.1	China	Yes	Yes	Yes	200	tray
WiFi Module	RN-131G	RN131G-/RM	Ultra low power Wi-Fi 802.11 b/g surface mount module with on-board antenna and U.FL connector. G: Industrial grade temperature (-30C to 85C)	8529.90.2200	5A002a.1	China	Yes	Yes	Yes	200	tray
WiFi Module	RN-171	RN171-/RM	Ultra low power Wi-Fi 802.11 b/g surface mount module with RF pad for routing to external antenna. Industrial grade temperature (-40C to 85C)	8529.90.2200	5A002a.1	Malaysia	Yes	Yes	Yes	1000	tray
WiFi Module	RN-XV-W	RN171XVW-/RM	Low power Wi-Fi module with wire antenna that provides drop in, certified Wi-Fi connectivity for existing 802.15.4 based systems. Industrial grade temperature (-40C to 85C)	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	50	single unit
WiFi Module	RN-XV-S	RN171XVS-/RM	Low power Wi-Fi module with SMA connector that provides drop in, certified Wi-Fi connectivity for existing 802.15.4 based systems. Industrial grade temperature (-40C to 85C)	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	50	single unit
WiFi Module	RN-XV-U	RN171XVU-/RM	Low power Wi-Fi module with UFL connector that provides drop in, certified Wi-Fi connectivity for existing 802.15.4 based systems. Industrial grade temperature (-40C to 85C)	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	50	single unit
WiFi Module	RN-134	RN134-/RM	WiFi GSX super module. Prototyping board for the RN-131G and RN-131C. RS232 and TTL signaling, status LEDs, and 3-12 volt power. Ready to connect to legacy DB9 serial interfaces	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Module	RN-174-P	RN174P-/RM	WiFi GSX super module. Prototyping board for the RN-171. RS232 and TTL signaling, status LEDs, and 3-12 volt power. Ready to connect to legacy DB9 serial interfaces	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Module	RN-174-W	RN174W-/RM	WiFi GSX super module. Prototyping board for the RN-171. Wire antenna, RS232 and TTL signaling, status LEDs, and 3-12 volt power. Ready to connect to legacy DB9 serial interfaces	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Module	RN-174-U	RN174U-/RM	WiFi GSX super module. Prototyping board for the RN-171. UFL connector for external antenna, RS232 and TTL signaling, status LEDs, and 3-12 volt power. Ready to connect to legacy DB9 serial interfaces	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Module	RN-174-C	RN174C-/RM	WiFi GSX super module. Prototyping board for the RN-171. UFL connector for external antenna, RS232 and TTL signaling, status LEDs, and 3-12 volt power. Ready to connect to legacy DB9 serial interfaces	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Evaluation Kit	RN-134-K	RN-134-K	WiFi ESX super module Kit. Includes the RN-174 module, RS232 cable with male DB9 connector, null modem, 9V battery clip, and USB serial cable	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Evaluation Kit	RN-174-K	RN-174-K	WiFi ESX super module Kit. Includes the RN-174 module, RS232 cable with male DB9 connector, null modem, 9V battery clip, and USB serial cable	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Evaluation Kit	RN-171-EK	RN-171-EK	RN-171 Evaluation Kit supporting AP mode. USB interface	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Evaluation Kit	RN-131-EK	RN-131-EK	RN-131 Evaluation Kit supporting AP mode. USB interface	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Wi-Fi Sensor	ISENSOR-CB	ISENSOR-CB	The "CoolBox" is a battery powered Wi-Fi sensor built upon the standard 802.11 b/g wireless infrastructure. Capable of reporting sensor data back to the host server	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Wi-Fi Sensor	ISENSOR-YODA	N/A	USB configuration dongle for the ISENSOR-CB Sensor	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Development Kit	RN-SDK-G2	RN-SDK	The SDK allows users to quickly develop applications for modules and chips by modifying code from the comprehensive example library. The SDK produces executable code that can access all the Wi-Fi resources	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	1	single unit
Development Kit	RN-ISP-G2	RN-ISP	Connects the debug interface header to your computer. Provides interface between the Linux development computer and the module	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	1	single unit
Evaluation Kit	RN-131G-EVAL	RN-131G-EVAL	WiFi GSX Evaluation board for the RN-131G. Includes the RN-134 module, RS232 serial cable with male DB9 connector, null modem, USB serial cable, 9V battery clip, U.FL to SMA cable, and 4" reverse polarity antenna	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Development Kit	RN-131-PICtail	RN-131-PICtail	PICtail for RN-131	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Development Kit	RN-171-PICtail	RN-171-PICtail	PICtail for RN-171	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit

WiFi Serial Adapter	RN-340M-W	RN-340M-W	RS232 to 802.11 b/g Wi-Fi serial adapter with male DB9 connector and wire antenna	8471.80.1000	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Serial Adapter	RN-340M-S	RN-340M-S	RS232 to 802.11 b/g Wi-Fi serial adapter with male DB9 connector and SMA connector	8471.80.1000	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Serial Adapter	RN-370M	RN-370M	RS232 to 802.11 b/g Wi-Fi serial adapter. AAA battery powered M: Male DB9 connector	8471.80.1000	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Serial Adapter	RN-370F	RN-370F	RS232 to 802.11 b/g Wi-Fi serial adapter. AAA battery powered F: Female DB9 connector	8471.80.1000	5A002a.1	USA	Yes	Yes	Yes	10	single unit
WiFi Tag	RN-T7-TAG	N/A	Wi-Fi asset tracking tag	8529.90.2200	5A002a.1	USA	Yes	Yes	Yes	10	single unit
Bluetooth Module	RN-24-E	RN24E-I/RM	Bluetooth through hole module. RS232 interface, status LEDs E: SMA jack	8529.90.2200	5A991G	USA	Yes	Yes	Yes	10	single unit
Bluetooth Module	RN-24-S	RN24S-I/RM	Bluetooth through hole module. RS232 interface, status LEDs S: Ceramic onboard antenna	8529.90.2200	5A991G	USA	Yes	Yes	Yes	10	single unit
Bluetooth Module	RN-25-E	RN25E-I/RM	Bluetooth super module with RS485 interface E: SMA jack	8529.90.2200	5A991G	USA	Yes	Yes	Yes	10	single unit
Bluetooth Module	RN-25-S	RN25S-I/RM	Bluetooth super module with RS485 interface S: Ceramic onboard antenna	8529.90.2200	5A991G	USA	Yes	Yes	Yes	10	single unit
Bluetooth Module	RN-41	RN41-I/RM	Bluetooth 2.1 class 1 surface mount module with ceramic on-board antenna	8529.90.2200	5A002.a.1	Taiwan/China	Yes	Yes	Yes	512	tray
Bluetooth Module	RN-41-N	RN41N-I/RM	Bluetooth 2.1 class 1 surface mount module without antenna	8529.90.2200	5A002.a.1	China	Yes	Yes	Yes	512	tray
Bluetooth Module	RN-41-APL	RN41APL-I/RM	Roving Networks MFI Bluetooth Class 1 module manages authentication with iPhone, iPad and iPod	8529.90.2200	5A002.a.1	Taiwan/China	Yes	Yes	Yes	1024	tray
Bluetooth Evaluation board	RN-41-APLX	N/A	Apple Evaluation Board	8529.90.2200	5A002.a.1	USA	Yes	Yes	Yes	20	single unit
Bluetooth Evaluation Kit	RN-41-APL-EVAL	RN-41-APL-EVAL	Roving Networks MFI Bluetooth evaluation kit. Includes development board with auth co-processor, example APP w/source code, four RN-41-APL modules, schematics and documentation	8529.90.2200	5A002.a.1	USA	Yes	Yes	Yes	1	single unit
Bluetooth Module	RN-41-SM	RN-41-SM	Bluetooth 2.1 class 1 socket module with ceramic on-board antenna	8529.90.2200	5A002.a.1	USA	Yes	Yes	Yes	10	single unit
Bluetooth Module	RN-42-SM	RN-42-SM	Bluetooth 2.1 class 2 socket module with PCB trace antenna	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	10	single unit
Bluetooth Development Kit	RN-41-EK	RN-41-EK	Evaluation Kit with USB interface for the RN41 Class 1 Bluetooth module. Includes USB cable	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	1	single unit
Bluetooth Development Kit	RN-42-EK	RN-42-EK	Evaluation Kit with USB interface for the RN42 Class 2 Bluetooth module. Includes USB cable	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	1	single unit
Bluetooth Module	RN-42	RN42-I/RM	Bluetooth 2.1 class 2 surface mount module with PCB trace antenna	8529.90.2200	5A992.a	China	Yes	Yes	Yes	800	tray
Bluetooth Module	RN-42-N	RN42N-I/RM	Bluetooth 2.1 class 2 surface mount module without antenna	8529.90.2200	5A992.a	China	Yes	Yes	Yes	1000	tray
Bluetooth Module	RN-42-APL	RN42APL-I/RM	Roving Networks MFI Bluetooth Class 2 module manages authentication with iPhone, iPad and iPod	8529.90.2200	5A992.a	China	Yes	Yes	Yes	1024	tray
Board	RN-42-APLX	N/A	Apple Evaluation Board	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	20	single unit
Bluetooth Evaluation Kit	RN-42-APL-EVAL	RN-42-APL-EVAL	Roving Networks Bluetooth MFI evaluation kit. Includes development board with authentication auth co-processor, example APP w/source code, four RN-41-APL modules, schematics and documentation	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	1	single unit
Design	RN-42-HID-RD1	RN-42-HID-RD1	Bluetooth HID controller	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	1	single unit
Bluetooth Module	RN52	RN52-I/RM	Class 2 Bluetooth Audio Module	8529.90.2200	5A992.a	China	Yes	Yes	Yes	800	tray
Bluetooth Module	RN41XVC	RN41XVC-I/RM	XV footprint Bluetooth class 1 socket module with chip antenna, built with the RN41-I/RM module	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	50	single unit
Bluetooth Module	RN41XVU	RN41XVU-I/RM	XV footprint Bluetooth class 1 socket module with u.FL connector, built with the RN41-I/RM module	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	50	single unit
Bluetooth Module	RN42XVP	RN42XVP-I/RM	XV footprint Bluetooth class 2 socket module with PCB antenna, built with the RN42-I/RM module	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	50	single unit
Bluetooth Module	RN42XVU	RN42XVU-I/RM	XV footprint Bluetooth class 2 socket module with u.FL connector, built with the RN42-I/RM module	8529.90.2200	5A992.a	USA	Yes	Yes	Yes	50	single unit
Bluetooth Serial Adapter	RN-220XP	RN-220XP	Bluetooth XP Bluetooth – RS232 adapter with high capacity rechargeable LiPoly Battery. Includes RN-PS-US or RN-PS-INT power supply	8529.90.2200	5A991G	USA	Yes	Yes	Yes	5	single unit
Bluetooth Serial Adapter	RN-240F	RN-240F	Bluetooth to RS232 serial adapter with DB9 connector powered through pin 9 or external power plug F: Female DB9 connector	8529.90.2200	5A991G	USA	Yes	Yes	Yes	20	single unit
Bluetooth Serial Adapter	RN-240M	RN-240M	Bluetooth to RS232 serial adapter with DB9 connector powered through pin 9 or external power plug M: Male DB9 connector	8529.90.2200	5A991G	USA	Yes	Yes	Yes	20	single unit
Bluetooth Serial Adapter	RN-422M	RN-422M	Bluetooth to RS422 adapter with male connector Powered through pin 9 or external power plug M: Male DB9 connector	8529.90.2200	5A991G	USA	Yes	Yes	Yes	20	single unit
Bluetooth Serial Adapter	RN-270F	RN-270F	Bluetooth to RS232 serial adapter with female connector and AAA battery power F: Female DB9 connector	8529.90.2200	5A991G	USA	Yes	Yes	Yes	10	single unit
Bluetooth Serial Adapter	RN-270M	RN-270M	Bluetooth to RS232 serial adapter with male connector and AAA battery power M: Male DB9 connector	8529.90.2200	5A991G	USA	Yes	Yes	Yes	10	single unit
Bluetooth Serial Adapter	RN-274M	RN-274M	Bluetooth to RS422 adapter with male connector and AAA battery power M: Male DB9 connector	8529.90.2200	5A991G	USA	Yes	Yes	Yes	10	single unit

Bluetooth USB Dongle	RN-USB-T	RN-USB-T	BluePlug Bluetooth 2.0 USB dongle	8471.80.1000	5A991G	Taiwan	Yes	Yes	Yes	20	single unit
Bluetooth USB Dongle	RN-USB-X	RN-USB-X	FirePlug Bluetooth 2.1 "driverless" USB dongle – appears as a serial hardware device	8471.80.1000	5A991G	Taiwan	Yes	Yes	Yes	20	single unit
Power Supply	RN-PS-US	RN-PS-US	5VDC, 1A power supply with North American plug	8529.10.9000	EAR99	China	No	Yes	Yes	50	single unit
Power Supply	RN-PS-INT	RN-PS-INT	5VDC international power supply (includes plugs for NA, EU, AU, UK)	8504.40.9500	EAR99	China	No	Yes	Yes	50	single unit
Antenna	RN-SMA-S	RN-SMA-S	1" antenna with SMA connector	8529.10.9000	EAR99	Taiwan	No	Yes	Yes	200	single unit
Antenna	RN-SMA-S-RP	RN-SMA-S-RP	1" antenna with reverse polarity SMA connector	8529.10.9000	EAR99	Taiwan	No	Yes	Yes	200	single unit
Antenna	RN-SMA-4	RN-SMA-4	Long range, 4" high performance antenna with SMA connector	8529.10.9000	EAR99	Taiwan	No	Yes	Yes	200	single unit
Antenna	RN-SMA-4-RP	RN-SMA4-RP	Long range, 4" high performance antenna with reverse polarity SMA connector	8529.10.9000	EAR99	Taiwan	No	Yes	Yes	200	single unit
Antenna	RN-SMA-7-RP	RN-SMA7-RP	Long range, 7" high performance antenna with reverse polarity SMA connector	8529.10.9000	EAR99	USA	No	Yes	Yes	200	single unit
Cable	RN-UFL-SMA-6	RN-UFL-SMA6	6" coax cable with U.FL and reverse polarity SMA connectors	8544.20.0000	EAR99	Taiwan	No	Yes	Yes	200	single unit
Cable	RN-USB-SERIAL	RN-USB-SERIAL	Smart USB 1.1 to serial RS232 interface with male DB9 connector - 1 meter cable	8544.19.0000	EAR99	China	No	Yes	Yes	50	single unit
Cable	RN-SRL-PRO3V-BLK	RN-SRL-PRO3V-BLK	USB to TTL cable with black housing, Prolific drivers, 1.8 meter cable length, tin leads	8544.19.0000	EAR99	USA	Yes	Yes	Yes	200	single unit
Cable	RN-SRL-PRO3V-CLR	RN-SRL-PRO3V-CLR	USB to TTL cable with clear housing, Prolific drivers, 1.8 meter cable length, tin leads	8544.19.0000	EAR99	USA	Yes	Yes	Yes	200	single unit
Cable	RN-SRL-FTD5V-BLK	RN-SRL-FTD5V-BLK	USB to TTL cable with black housing, FTDI drivers, 1.8 meter cable length, tin leads	8544.19.0000	EAR99	USA	Yes	Yes	Yes	200	single unit
Cable	RN-SRL-FTD5V-CLR	RN-SRL-FTD5V-CLR	USB to TTL cable with clear housing, FTDI drivers, 1.8 meter cable length, tin leads	8544.19.0000	EAR99	USA	Yes	Yes	Yes	200	single unit
Dongle	RN-SRL-PRO3V-DGL	RN-SRL-PRO3V-DGL	USB to TTL dongle, Prolific drivers, bare PCB with 3V serial connector	8544.19.0000	EAR99	USA	Yes	Yes	Yes	200	single unit
Dongle	RN-SRL-FTD5V-DGL	RN-SRL-FTD5V-DGL	USB to TTL dongle, FTDI drivers, bare PCB with 5V serial connector	8544.19.0000	EAR99	USA	Yes	Yes	Yes	200	single unit
Reference Design	RN-XV-RD1	RN-XV-RD1	XV Relay board (single relay design)	8529.90.2200	5A002.a.1	USA	Yes	Yes	Yes	20	single unit
Reference Design	RN-XV-RD2	RN-XV-RD2	XV Relay board (dual relay design)	8529.90.2200	5A002.a.1	USA	Yes	Yes	Yes	20	single unit
Dongle	RN-XV-EK1	RN-XV-EK1	USB Serial converter board for XV platform	8529.90.2200	5A002.a.1	USA	Yes	Yes	Yes	20	single unit