

MICROCHIP

Micrel / Microchip Technology



RN171-I/RM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | RN171-I/RM                                                                                                   |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | RF TXRX MODULE WIFI                                                                                          |
|                     |  1.RN171-I/RM.pdf           |
|                     |  2.RN171-I/RM.pdf           |
|                     |  3.RN171-I/RM.pdf           |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of RN171-I/RM

|                                  |                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | RN171-I/RM                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | RF TXRX MODULE WIFI                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.RN171-I/RM.pdf<br> 2.RN171-I/RM.pdf<br> 3.RN171-I/RM.pdf |
| VOLTAGE - SUPPLY                 | 3 V ~ 3.7 V                                                                                                                                                                                                                                                                                                          |
| UTILIZED IC / PART               | -                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                    |
| SERIAL INTERFACES                | SDIO, SPI, UART                                                                                                                                                                                                                                                                                                      |
| SENSITIVITY                      | -83dBm                                                                                                                                                                                                                                                                                                               |
| RF FAMILY/STANDARD               | WiFi                                                                                                                                                                                                                                                                                                                 |
| PROTOCOL                         | 802.11b/g                                                                                                                                                                                                                                                                                                            |
| POWER - OUTPUT                   | 12dBm                                                                                                                                                                                                                                                                                                                |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | Module                                                                                                                                                                                                                                                                                                               |
| OTHER NAMES                      | 740-1042<br>RN-171<br>RN171/RM<br>RN171IRM                                                                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                        |
| MODULATION                       | CCK, DBPSK, DQPSK, DSSS, OFDM                                                                                                                                                                                                                                                                                        |
| MEMORY SIZE                      | 2MB ROM, 128kB RAM                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                           |
| FREQUENCY                        | 2.4GHz                                                                                                                                                                                                                                                                                                               |
| DATA RATE                        | 54Mbps                                                                                                                                                                                                                                                                                                               |
| CURRENT - TRANSMITTING           | 120mA ~ 190mA                                                                                                                                                                                                                                                                                                        |
| CURRENT - RECEIVING              | 40mA                                                                                                                                                                                                                                                                                                                 |
| ANTENNA TYPE                     | Not Included                                                                                                                                                                                                                                                                                                         |

Related Tags

|                                          |                                        |                                                   |
|------------------------------------------|----------------------------------------|---------------------------------------------------|
| Micrel / Microchip Technology RN171-I/RM | RN171-I/RM Distributor                 | RN171-I/RM Supplier                               |
| RN171-I/RM Price                         | RN171-I/RM Pictures                    | RN171-I/RM Image                                  |
| RN171-I/RM PDF Datasheet                 | RN171-I/RM Download Datasheet          | RN171-I/RM Datasheet                              |
| RN171-I/RM Stock                         | Buy RN171-I/RM                         | Buy Micrel / Microchip Technology RN171-I/RM      |
| Micrel / Microchip Technology RN171-I/RM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor         |
| Micrel / Microchip Technology RN171-I/RM | Microchip Technology RN171-I/RM        | Roving Networks / Microchip Technology RN171-I/RM |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>RN1704JE(Te85L,F)</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: TRANS 2NPN PREBIAS 0.1W ESV<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>RN1703JE(Te85L,F)</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: TRANS 2NPN PREBIAS 0.1W ESV<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>RN1705JE(Te85L,F)</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: TRANS 2NPN PREBIAS 0.1W ESV<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>RN1706JE(Te85L,F)</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: TRANS 2NPN PREBIAS 0.1W ESV<br/>In stock: 5 pcs<br/>RFQ</div>     |
|  <div><b>RN171XVS-I/RM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: RF TXRX MODULE WIFI RP-SMA ANT<br/>In stock: 41 pcs<br/>RFQ</div>         |  <div><b>RN1701JE(Te85L,F)</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: TRANS 2NPN PREBIAS 0.1W ESV<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>RN171-I/RM481</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: RF TXRX MODULE WIFI<br/>In stock: 282 pcs<br/>RFQ</div>                   |  <div><b>RN171-I/RM475</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: RF TXRX MODULE WIFI<br/>In stock: 168 pcs<br/>RFQ</div>                   |
|  <div><b>RN171XVU-I/RM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: RF TXRX MODULE WIFI U.FL ANT<br/>In stock: 59 pcs<br/>RFQ</div>           |  <div><b>RN171XVC-I/RM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: RF TXRX MODULE WIFI CHIP ANT<br/>In stock: Out stock<br/>RFQ</div>        |
|  <div><b>RN171-I/RM480</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ULP WI-FI 802.11 B/G SURFACE MOU<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>RN1702JE(Te85L,F)</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: TRANS 2NPN PREBIAS 0.1W ESV<br/>In stock: Out stock<br/>RFQ</div> |