

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

RN52-I/RM116

|                     |                                                                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | RN52-I/RM116                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                   |
| Product description | RF TXRX MOD BLUETOOTH TRACE ANT                                                                                                                                                 |
| Datasheets:         | <div><div>PDF</div>1.RN52-I/RM116.pdf</div> <div><div>PDF</div>2.RN52-I/RM116.pdf</div> <div><div>PDF</div>3.RN52-I/RM116.pdf</div> <div><div>PDF</div>4.RN52-I/RM116.pdf</div> |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                               |
| Stock Condition     | 4333 pcs stock                                                                                                                                                                  |
| Ship From           | Hong Kong                                                                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                           |

REQUEST FOR QUOTATION

Specifications of RN52-I/RM116

|                                  |                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | RN52-I/RM116                                                                                                                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                   |
| DESCRIPTION                      | RF TXRX MOD BLUETOOTH TRACE ANT                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                      |
| QUANTITY AVAILABLE               | 4333 pcs                                                                                                                                                                        |
| DATA SHEET                       | <div><div>PDF</div>1.RN52-I/RM116.pdf</div> <div><div>PDF</div>2.RN52-I/RM116.pdf</div> <div><div>PDF</div>3.RN52-I/RM116.pdf</div> <div><div>PDF</div>4.RN52-I/RM116.pdf</div> |
| VOLTAGE - SUPPLY                 | 3 V ~ 3.6 V                                                                                                                                                                     |
| UTILIZED IC / PART               | -                                                                                                                                                                               |
| SERIES                           | -                                                                                                                                                                               |
| SERIAL INTERFACES                | AIO, I²S, SPI, UART, USB                                                                                                                                                        |
| SENSITIVITY                      | -85dBm                                                                                                                                                                          |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                                                                                       |
| PROTOCOL                         | Bluetooth v3.0, Class 2                                                                                                                                                         |
| POWER - OUTPUT                   | 4dBm                                                                                                                                                                            |
| PACKAGING                        | Tray                                                                                                                                                                            |
| PACKAGE / CASE                   | 50-SMD Module                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                   |
| MODULATION                       | DPSK, DQPSK, GFSK                                                                                                                                                               |
| MEMORY SIZE                      | 16MB Flash                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                      |
| FREQUENCY                        | 2.4GHz                                                                                                                                                                          |
| DATA RATE                        | 3Mbps                                                                                                                                                                           |
| CURRENT - TRANSMITTING           | 30mA                                                                                                                                                                            |
| CURRENT - RECEIVING              | 30mA                                                                                                                                                                            |
| ANTENNA TYPE                     | Integrated, Trace                                                                                                                                                               |

Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology RN52-I/RM116 | RN52-I/RM116 Distributor               | RN52-I/RM116 Supplier                               |
| RN52-I/RM116 Price                         | RN52-I/RM116 Pictures                  | RN52-I/RM116 Image                                  |
| RN52-I/RM116 PDF Datasheet                 | RN52-I/RM116 Download Datasheet        | RN52-I/RM116 Datasheet                              |
| RN52-I/RM116 Stock                         | Buy RN52-I/RM116                       | Buy Micrel / Microchip Technology RN52-I/RM116      |
| Micrel / Microchip Technology RN52-I/RM116 | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology RN52-I/RM116 | Microchip Technology RN52-I/RM116      | Roving Networks / Microchip Technology RN52-I/RM116 |

Related Products

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| <div></div> <div><b>RN55C1000BBSL</b><br/>Manufacturers: Dale / Vishay<br/>Description: RES 100 OHM 1/8W .1% AXIAL<br/>In stock: 69676 pcs</div> <div>RFQ</div>                       | <div></div> <div><b>RN50E9762BBSL</b><br/>Manufacturers: Dale / Vishay<br/>Description: RES 97.6K OHM 1/20W .1% AXIAL<br/>In stock: 77409 pcs</div> <div>RFQ</div>              |
| <div></div> <div><b>RN55C1000BRE6</b><br/>Manufacturers: Dale / Vishay<br/>Description: RES 100 OHM 1/8W .1% AXIAL<br/>In stock: 372712 pcs</div> <div>RFQ</div>                      | <div></div> <div><b>RN50E9762BBSL</b><br/>Manufacturers: Dale / Vishay<br/>Description: RES 97.6K OHM 1/20W .1% AXIAL<br/>In stock: 50506 pcs</div> <div>RFQ</div>              |
| <div></div> <div><b>RN55C1000BB14</b><br/>Manufacturers: Dale / Vishay<br/>Description: RES 100 OHM 1/8W 0.1% AXIAL<br/>In stock: 45306 pcs</div> <div>RFQ</div>                      | <div></div> <div><b>RN54N</b><br/>Manufacturers: Apex Tool Group<br/>Description: PLIER RND NOSE 4.5 RN54<br/>In stock: 3984 pcs</div> <div>RFQ</div>                           |
| <div></div> <div><b>RN50E9762BB14</b><br/>Manufacturers: Dale / Vishay<br/>Description: RES 97.6K OHM 1/20W .1% AXIAL<br/>In stock: 56759 pcs</div> <div>RFQ</div>                    | <div></div> <div><b>RN50E9762BRE6</b><br/>Manufacturers: Dale / Vishay<br/>Description: RES 97.6K OHM 1/20W .1% AXIAL<br/>In stock: 157532 pcs</div> <div>RFQ</div>             |
| <div></div> <div><b>RN52SRC-I/RM100</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: RF TXRX MOD BLUETOOTH TRACE ANT<br/>In stock: 6914 pcs</div> <div>RFQ</div> | <div></div> <div><b>RN50E9532BBSL</b><br/>Manufacturers: Dale / Vishay<br/>Description: RES 95.3K OHM 1/20W .1% AXIAL<br/>In stock: 85391 pcs</div> <div>RFQ</div>              |
| <div></div> <div><b>RN55C1000BR36</b><br/>Manufacturers: Dale / Vishay<br/>Description: RES 100 OHM 1/8W .1% AXIAL<br/>In stock: 440304 pcs</div> <div>RFQ</div>                      | <div></div> <div><b>RN52-I/RM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: RF TXRX MOD BLUETOOTH TRACE ANT<br/>In stock: 4226 pcs</div> <div>RFQ</div> |