



Laird Technologies



450-0126

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 450-0126                                                                                                     |
| Manufacturer/Brand: | Laird Technologies                                                                                           |
| Product description | RF TXRX MODULE 802.15.4                                                                                      |
| Datasheets:         |  450-0126.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2854 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 450-0126

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 450-0126                                                                                         |
| MANUFACTURER                     | Laird Technologies                                                                               |
| DESCRIPTION                      | RF TXRX MODULE 802.15.4                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 2854 pcs                                                                                         |
| DATA SHEET                       |  450-0126.pdf |
| VOLTAGE - SUPPLY                 | 2 V ~ 3.45 V                                                                                     |
| UTILIZED IC / PART               | AT86RF212B                                                                                       |
| SERIES                           | SiFLEX02-R2                                                                                      |
| SERIAL INTERFACES                | JTAG, SPI, UART                                                                                  |
| SENSITIVITY                      | -102dBm                                                                                          |
| RF FAMILY/STANDARD               | 802.15.4                                                                                         |
| PROTOCOL                         | Zigbee®                                                                                          |
| POWER - OUTPUT                   | 24dBm                                                                                            |
| PACKAGING                        | Tray                                                                                             |
| PACKAGE / CASE                   | Module                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 4 (72 Hours)                                                                                     |
| MODULATION                       | BPSK, O-QPSK                                                                                     |
| MEMORY SIZE                      | 256kB Flash, 4kB EEPROM, 16kB RAM                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| FREQUENCY                        | 900MHz                                                                                           |
| DATA RATE                        | 1Mbps                                                                                            |
| CURRENT - TRANSMITTING           | 285mA                                                                                            |
| CURRENT - RECEIVING              | 30mA                                                                                             |
| ANTENNA TYPE                     | Not Included, Castellation                                                                       |

Related Tags

|                             |                                          |                                 |
|-----------------------------|------------------------------------------|---------------------------------|
| Laird Technologies 450-0126 | 450-0126 Distributor                     | 450-0126 Supplier               |
| 450-0126 Price              | 450-0126 Pictures                        | 450-0126 Image                  |
| 450-0126 PDF Datasheet      | 450-0126 Download Datasheet              | 450-0126 Datasheet              |
| 450-0126 Stock              | Buy 450-0126                             | Buy Laird Technologies 450-0126 |
| Laird Technologies 450-0126 | Laird Technologies Supplier              | Laird Technologies Distributor  |
| Laird Technologies 450-0126 | Laird Technologies Wireless M2M 450-0126 |                                 |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>450-013</b><br/>Manufacturers: Bel<br/>Description: CONN BOOT FOR MODULAR PLUGS<br/>In stock: 388554 pcs<br/><div>RFQ</div></div>                    | <div></div> <div><b>450-0120</b><br/>Manufacturers: Laird Technologies<br/>Description: BOARD EVAL MODULE TIWI-UB1<br/>In stock: 2019 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>450-01301</b><br/>Manufacturers: Parallax, Inc.<br/>Description: CON-SCKT,1X13,0.1",STRAIGHT,TH<br/>In stock: 50979 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>450-0127</b><br/>Manufacturers: Laird Technologies<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: 3886 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>450-0124</b><br/>Manufacturers: Laird Technologies<br/>Description: RF TXRX MODULE 802.15.4 WIRE ANT<br/>In stock: 5761 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>450-0125</b><br/>Manufacturers: Laird Technologies<br/>Description: RF TXRX MODULE 802.15.4 HELICAL<br/>In stock: 3173 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>450-0132</b><br/>Manufacturers: Laird Technologies<br/>Description: KIT RF DEV SIFLEX02-R2-HP U.FL<br/>In stock: 6747 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>450-012</b><br/>Manufacturers: Bel<br/>Description: CONN BOOT FOR MODULAR PLUGS<br/>In stock: 942383 pcs<br/><div>RFQ</div></div>                    |
| <div></div> <div><b>450-0123</b><br/>Manufacturers: Laird Technologies<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: 2852 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>450-0131</b><br/>Manufacturers: Laird Technologies<br/>Description: KIT DEV SIFLEX02-R2 WIRE ANTENNA<br/>In stock: 4434 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>450-0130</b><br/>Manufacturers: Laird Technologies<br/>Description: KIT DEV SIFLEX02-R2 U.FL CONN<br/>In stock: 6381 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>450-0121</b><br/>Manufacturers: Laird Technologies<br/>Description: TIWI-UB1 EM BOARD, U.FL<br/>In stock: 6567 pcs<br/><div>RFQ</div></div>          |