



NXP Semiconductors / Freescale



JN5139/001,518

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | JN5139/001,518                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC RF TXRX+MCU 802.15.4 56-VFQFN                                                                             |
| Datasheets:         |  JN5139/001,518.pdf         |
| 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.

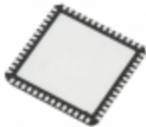
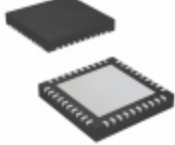
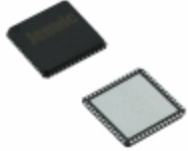
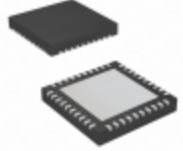
Specifications of JN5139/001,518

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | JN5139/001,518                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                         |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 56-VFQFN                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  JN5139/001,518.pdf |
| VOLTAGE - SUPPLY                 | 2.2 V ~ 3.6 V                                                                                          |
| TYPE                             | TxRx + MCU                                                                                             |
| SERIES                           | -                                                                                                      |
| SERIAL INTERFACES                | SPI, UART                                                                                              |
| SENSITIVITY                      | -97dBm                                                                                                 |
| RF FAMILY/STANDARD               | 802.15.4                                                                                               |
| PROTOCOL                         | Zigbee®                                                                                                |
| POWER - OUTPUT                   | 3dBm                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 56-VFQFN                                                                                               |
| OTHER NAMES                      | 935293893518                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| MODULATION                       | -                                                                                                      |
| MEMORY SIZE                      | 192kB ROM, 96kB RAM                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| GPIO                             | 21                                                                                                     |
| FREQUENCY                        | 2.4GHz                                                                                                 |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 56-VFQFN                                                      |
| DATA RATE (MAX)                  | 1Mbps                                                                                                  |
| CURRENT - TRANSMITTING           | 38mA                                                                                                   |
| CURRENT - RECEIVING              | 37mA                                                                                                   |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale JN5139/001,518 | JN5139/001,518 Distributor              | JN5139/001,518 Supplier                           |
| JN5139/001,518 Price                          | JN5139/001,518 Pictures                 | JN5139/001,518 Image                              |
| JN5139/001,518 PDF Datasheet                  | JN5139/001,518 Download Datasheet       | JN5139/001,518 Datasheet                          |
| JN5139/001,518 Stock                          | Buy JN5139/001,518                      | Buy NXP Semiconductors / Freescale JN5139/001,518 |
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| NXP Semiconductors / Freescale JN5139/001,518 | NXP Semiconductors JN5139/001,518       | Freescale JN5139/001,518                          |
| Freescale Semiconductor - NXP JN5139/001,518  | NXP USA Inc. JN5139/001,518             |                                                   |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>JN5139/Z01,515</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 56-VFQFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>JN5139-Z01-M/01R1V</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: RF TXRX MODULE 802.15.4 SMA ANT<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>JN5139-Z01-M/00R1T</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: RF TXRX MOD 802.15.4 TRACE ANT<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>JN5139/001,531</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 56-VFQFN<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>JN5139/Z01,518</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 56-VFQFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>JN5139-Z01-M/04R1T</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>JN5142N/001,518</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: RF 802.15.4 MICROCNTRLR 2.4GHZ<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>JN5139-Z01-M/02R1V</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: RF TXRX MODULE 802.15.4 SMA ANT<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>JN5139/001,515</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 56-VFQFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>JN5142N/001,515</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>JN5139/Z01,531</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 56-VFQFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>JN5139-Z01-M/03R1T</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: Out stock<br/>RFQ</div> |