

NXP Semiconductors / Freescale

JN5168/001,518

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | JN5168/001,518                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC RF TXRX+MCU 802.15.4 40-VFQFN                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 45905 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

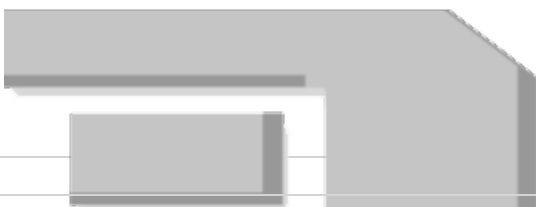
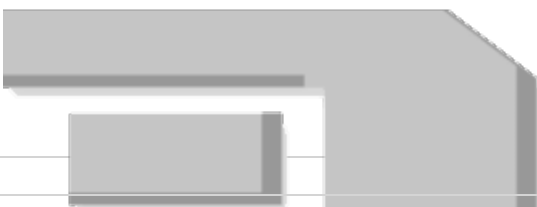
Specifications of JN5168/001,518

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| PART NUMBER                      | JN5168/001,518                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                   |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 40-VFQFN                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| QUANTITY AVAILABLE               | 45905 pcs                                                        |
| DATA SHEET                       |                                                                  |
| VOLTAGE - SUPPLY                 | 2 V ~ 3.6 V                                                      |
| TYPE                             | TxRx + MCU                                                       |
| SERIES                           | -                                                                |
| SERIAL INTERFACES                | I <sup>2</sup> C, JTAG, SPI, UART                                |
| SENSITIVITY                      | -96dBm                                                           |
| RF FAMILY/STANDARD               | 802.15.4                                                         |
| PROTOCOL                         | ZigbeePRO®                                                       |
| POWER - OUTPUT                   | 2.5dBm                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                 |
| PACKAGE / CASE                   | 40-VFQFN Exposed Pad                                             |
| OTHER NAMES                      | 935297813518                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                    |
| MODULATION                       | O-QPSK                                                           |
| MEMORY SIZE                      | 256kB Flash, 4kB EEPROM, 32kB RAM                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| GPIO                             | 20                                                               |
| FREQUENCY                        | 2.4GHz                                                           |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 ZigbeePRO® 2.4GHz 40-VFQFN Exposed Pad |
| DATA RATE (MAX)                  | 1Mbps                                                            |
| CURRENT - TRANSMITTING           | 15.3mA                                                           |
| CURRENT - RECEIVING              | 17mA                                                             |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| JN5168/001,518               | JN5168/001,518 Distributor        | JN5168/001,518 Supplier  |
| JN5168/001,518 Price         | JN5168/001,518 Pictures           | JN5168/001,518 Image     |
| JN5168/001,518 PDF Datasheet | JN5168/001,518 Download Datasheet | JN5168/001,518 Datasheet |
| JN5168/001,518 Stock         | Buy JN5168/001,518                | Buy JN5168/001,518       |
| JN5168/001,518               | Supplier                          | Distributor              |

Related Products

|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>JN5168/001,515</b><br/>Manufacturers: NXP<br/>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br/>In stock: 41043 pcs<br/><b>RFQ</b></div> |  <div><b>JN5168DB01UL</b><br/>Manufacturers: NXP<br/>Description: DEMO BOARD JN516X<br/>In stock: 5858 pcs<br/><b>RFQ</b></div>                     |
|  <div><b>JN5168-001-M00Z</b><br/>Manufacturers: NXP<br/>Description: RF TXRX MOD 802.15.4 TRACE ANT<br/>In stock: 7853 pcs<br/><b>RFQ</b></div>   |  <div><b>JN5168KIT/03Z</b><br/>Manufacturers: NXP<br/>Description: DEMO BOARD WIRELESS MCU<br/>In stock: 5577 pcs<br/><b>RFQ</b></div>              |
|  <div><b>JN5168MOD/02Z</b><br/>Manufacturers: NXP<br/>Description: MODULE WIRELESS MCU<br/>In stock: 5315 pcs<br/><b>RFQ</b></div>                |  <div><b>JN5168RF4/EVAL1Z</b><br/>Manufacturers: NXP<br/>Description: DEMO BOARD WIRELESS MCU<br/>In stock: 4515 pcs<br/><b>RFQ</b></div>           |
|  <div><b>JN5168-001-M03Z</b><br/>Manufacturers: NXP<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: 7050 pcs<br/><b>RFQ</b></div> |  <div><b>JN5168-001-M06Z</b><br/>Manufacturers: NXP<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: 3910 pcs<br/><b>RFQ</b></div>   |
|  <div><b>JN5168DB/01Z</b><br/>Manufacturers: NXP<br/>Description: DEMO BOARD JN5168<br/>In stock: 5399 pcs<br/><b>RFQ</b></div>                   |  <div><b>JN5168-RD6040/S1Z</b><br/>Manufacturers: NXP<br/>Description: REF DESIGN IOT GATEWAY<br/>In stock: 3413 pcs<br/><b>RFQ</b></div>           |
|  <div><b>JN5168-001-M05Z</b><br/>Manufacturers: NXP<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: 4161 pcs<br/><b>RFQ</b></div> |  <div><b>JN5169-001-M00-2Z</b><br/>Manufacturers: NXP<br/>Description: JN5169-001-M0X-2 ZIGBEE 3.0, ZIG<br/>In stock: 3341 pcs<br/><b>RFQ</b></div> |