



NXP Semiconductors / Freescale

JN5168-001-M03Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | JN5168-001-M03Z                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | RF TXRX MODULE 802.15.4 U.FL ANT                                                                             |
| Datasheets:         | <a href="#">1.JN5168-001-M03Z.pdf</a><br><a href="#">2.JN5168-001-M03Z.pdf</a>                               |
| 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.

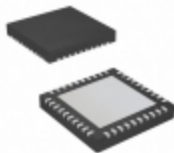
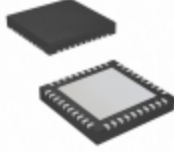
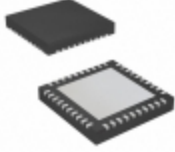
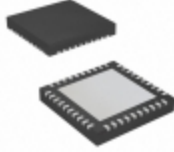
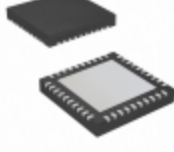
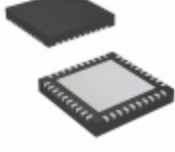
Specifications of JN5168-001-M03Z

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | JN5168-001-M03Z                                                                |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                 |
| DESCRIPTION                      | RF TXRX MODULE 802.15.4 U.FL ANT                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| DATA SHEET                       | <a href="#">1.JN5168-001-M03Z.pdf</a><br><a href="#">2.JN5168-001-M03Z.pdf</a> |
| VOLTAGE - SUPPLY                 | 2 V ~ 3.6 V                                                                    |
| UTILIZED IC / PART               | -                                                                              |
| SERIES                           | -                                                                              |
| SERIAL INTERFACES                | I <sup>2</sup> C, SPI, UART                                                    |
| SENSITIVITY                      | -95dBm                                                                         |
| RF FAMILY/STANDARD               | 802.15.4                                                                       |
| PROTOCOL                         | Zigbee®                                                                        |
| POWER - OUTPUT                   | 2.5dBm                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                               |
| PACKAGE / CASE                   | 27-SMD Module                                                                  |
| OTHER NAMES                      | 568-10328-2<br>935300514534<br>JN5168-001-M03Z-ND                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                  |
| MODULATION                       | O-QPSK                                                                         |
| MEMORY SIZE                      | 256kB Flash, 4kB EEPROM, 32kB RAM                                              |
| MANUFACTURER STANDARD LEAD TIME  | 13 Weeks                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| FREQUENCY                        | 2.4GHz                                                                         |
| DATA RATE                        | -                                                                              |
| CURRENT - TRANSMITTING           | 15.3mA                                                                         |
| CURRENT - RECEIVING              | 17mA                                                                           |
| ANTENNA TYPE                     | Not Included, U.FL                                                             |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale JN5168-001-M03Z | JN5168-001-M03Z Distributor             | JN5168-001-M03Z Supplier                           |
| JN5168-001-M03Z Price                          | JN5168-001-M03Z Pictures                | JN5168-001-M03Z Image                              |
| JN5168-001-M03Z PDF Datasheet                  | JN5168-001-M03Z Download Datasheet      | JN5168-001-M03Z Datasheet                          |
| JN5168-001-M03Z Stock                          | Buy JN5168-001-M03Z                     | Buy NXP Semiconductors / Freescale JN5168-001-M03Z |
| NXP Semiconductors / Freescale JN5168-001-M03Z | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor         |
| NXP Semiconductors / Freescale JN5168-001-M03Z | NXP Semiconductors JN5168-001-M03Z      | Freescale JN5168-001-M03Z                          |
| Freescale Semiconductor - NXP JN5168-001-M03Z  | NXP USA Inc. JN5168-001-M03Z            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div><b>JN5164/001,515</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>JN5168-001-M00Z</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: RF TXRX MOD 802.15.4 TRACE ANT<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>JN5168/001,518</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>JN5164/001,518</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>JN5168DB/01Z</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DEMO BOARD JN5168<br/>In stock: Out stock<br/><div>RFQ</div></div>                   |  <div><b>JN5168-RD6040/S1Z</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: REF DESIGN IOT GATEWAY<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
|  <div><b>JN5168/001,515</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>JN5148/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/><div>RFQ</div></div>  |
|  <div><b>JN5161/001,518</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>JN5161/001,515</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>JN5168-001-M06Z</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>JN5168-001-M05Z</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: Out stock<br/><div>RFQ</div></div> |