

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:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7050 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

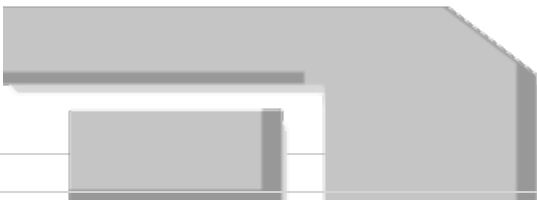
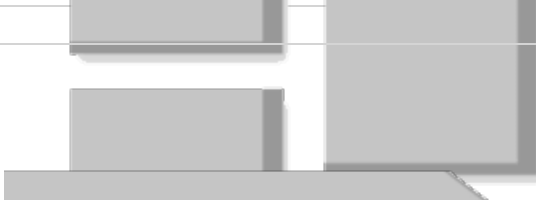
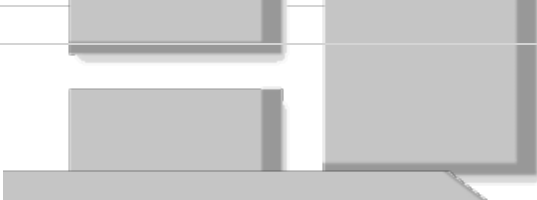
Specifications of JN5168-001-M03Z

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| 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                        |
| QUANTITY AVAILABLE               | 7050 pcs                                          |
| DATA SHEET                       |                                                   |
| VOLTAGE - SUPPLY                 | 2 V ~ 3.6 V                                       |
| UTILIZED IC / PART               | -                                                 |
| SERIES                           | -                                                 |
| SERIAL INTERFACES                | I²C, 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                 |
| 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

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| 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 JN5168-001-M03Z       |
| JN5168-001-M03Z               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                   |                                                                                      |                                                                                                                                   |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>JN5168-RD6040/S1Z</b><br>Manufacturers: NXP<br>Description: REF DESIGN IOT GATEWAY<br>In stock: 3413 pcs<br><b>RFQ</b>         |  | <b>JN5161/001,518</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br>In stock: 40094 pcs<br><b>RFQ</b> |
|  | <b>JN5164/001,515</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br>In stock: 40144 pcs<br><b>RFQ</b> |  | <b>JN5168/001,518</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br>In stock: 45905 pcs<br><b>RFQ</b> |
|  | <b>JN5161/001,515</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br>In stock: 43119 pcs<br><b>RFQ</b> |  | <b>JN5168DB/01Z</b><br>Manufacturers: NXP<br>Description: DEMO BOARD JN5168<br>In stock: 5399 pcs<br><b>RFQ</b>                   |
|  | <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> |  | <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> |
|  | <b>JN5164/001,518</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 40-VFQFN<br>In stock: 44093 pcs<br><b>RFQ</b> |  | <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>   |
|  | <b>JN5148/Z01,518</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 56-VFQFN<br>In stock: 6227 pcs<br><b>RFQ</b>  |  | <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> |