



NXP Semiconductors / Freescale

JN5164/001,518

Part Number:	JN5164/001,518
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC RF TXRX+MCU 802.15.4 40-VFQFN
Datasheets:	PDF JN5164/001,518.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 JN5164/001,518

PART NUMBER	JN5164/001,518
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC RF TXRX+MCU 802.15.4 40-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF JN5164/001,518.pdf
VOLTAGE - SUPPLY	2 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I ² 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	935297812518
OPERATING TEMPERATURE	-40°C ~ 125°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	O-QPSK
MEMORY SIZE	160kB 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

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Freescale Semiconductor - NXP JN5164/001,518	NXP USA Inc. JN5164/001,518	

Related Products

<p>JN5168-RD6040/S1Z Manufacturers: NXP Semiconductors / Freescale Description: REF DESIGN IOT GATEWAY In stock: Out stock RFQ</p>	<p>JN5148/J01,518 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: Out stock RFQ</p>
<p>JN5148/Z01,515 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: Out stock RFQ</p>	<p>JN5168-001-M00Z Manufacturers: NXP Semiconductors / Freescale Description: RF TXRX MOD 802.15.4 TRACE ANT In stock: Out stock RFQ</p>
<p>JN5168-001-M03Z Manufacturers: NXP Semiconductors / Freescale Description: RF TXRX MODULE 802.15.4 U.FL ANT In stock: 800 pcs RFQ</p>	<p>JN5161/001,515 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 40-VFQFN In stock: Out stock RFQ</p>
<p>JN5168-001-M05Z Manufacturers: NXP Semiconductors / Freescale Description: RF TXRX MODULE 802.15.4 U.FL ANT In stock: Out stock RFQ</p>	<p>JN5168-001-M06Z Manufacturers: NXP Semiconductors / Freescale Description: RF TXRX MODULE 802.15.4 U.FL ANT In stock: Out stock RFQ</p>
<p>JN5161/001,518 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 40-VFQFN In stock: Out stock RFQ</p>	<p>JN5168/001,515 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 40-VFQFN In stock: Out stock RFQ</p>
<p>JN5148/Z01,518 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: Out stock RFQ</p>	<p>JN5164/001,515 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 40-VFQFN In stock: Out stock RFQ</p>