



Microchip Technology

ATMEGA1284RFR2-ZF

Part Number:	ATMEGA1284RFR2-ZF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC RF TXRX+MCU 802.15.4 48-VFQFN
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	19418 pcs stock
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 ATMEGA1284RFR2-ZF

PART NUMBER	ATMEGA1284RFR2-ZF
MANUFACTURER	Microchip Technology
DESCRIPTION	IC RF TXRX+MCU 802.15.4 48-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19418 pcs
DATA SHEET	
WRITABLE MEMORY	8mA ~ 14.5mA
VOLTAGE - OUTPUT	3.5dBm
VOLTAGE - INPUT (MIN)	I ² C, JTAG, SPI, USART
TYPE	TxRx + MCU
SOFTWARE	128kB Flash, 4kB EEPROM, 16kB SRAM
SIGNAL CONDITIONING	2Mbps
SHELL STYLE	1.8 V ~ 3.6 V
SERIES	-
SENSITIVITY	-100dBm
ROHS STATUS	Tray
POLARIZATION	48-VFQFN Exposed Pad
OTHER NAMES	1611-ATMEGA1284RFR2-ZF
OPERATING TEMPERATURE	-40°C ~ 125°C
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MODULATION	802.15.4
MASTER FCLK	Zigbee®
MANUFACTURER PART NUMBER	ATMEGA1284RFR2-ZF
GPIO	0-QPSK
FREQUENCY	2.4GHz
EXPANDED DESCRIPTION	IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 48-VFQFN Exposed Pad
DESCRIPTION	IC RF TXRX+MCU 802.15.4 48-VFQFN
CURRENT - TRANSMITTING	32
ANTENNA CONNECTOR	5mA ~ 12.5mA

Related Tags

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Related Products

<p>ATMEGA1284PR231-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 44-TQFP In stock: 6831 pcs RFQ</p>	<p>ATMEGA1284RFR2-ZU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 15723 pcs RFQ</p>
<p>ATMEGA1284RFR2-ZFR Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 18614 pcs RFQ</p>	<p>ATMEGA1284PR212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 44-TQFP In stock: 3928 pcs RFQ</p>
<p>ATMEGA1284RFR2-ZUR Manufacturers: Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 18822 pcs RFQ</p>	<p>ATMEGA1284PR212-MU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4/ISM QFN In stock: 5737 pcs RFQ</p>
<p>ATMEGA1284PR231-MU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4/ISM QFN In stock: 6148 pcs RFQ</p>	<p>ATMEGA1284RZAP-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 In stock: 6683 pcs RFQ</p>
<p>ATMEGA1284RFR2-ZUR Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 17940 pcs RFQ</p>	<p>ATMEGA1284RFR2-ZFR Manufacturers: Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 6433 pcs RFQ</p>
<p>ATMEGA1284RFR2-ZF Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 18484 pcs RFQ</p>	<p>ATMEGA1284P-XPLD Manufacturers: Micrel / Microchip Technology Description: MEGA-1284P XPLAINED EVAL KIT In stock: 3336 pcs RFQ</p>