



Micrel / Microchip Technology



Part Number: ATMEGA1284RFR2-ZUR

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC RF TXRX+MCU 802.15.4 48-VFQFN

Datasheets: [1.ATMEGA1284RFR2-ZUR.pdf](#)
[2.ATMEGA1284RFR2-ZUR.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 17940 pcs stock

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATMEGA1284RFR2-ZUR

PART NUMBER	ATMEGA1284RFR2-ZUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC RF TXRX+MCU 802.15.4 48-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17940 pcs
DATA SHEET	1.ATMEGA1284RFR2-ZUR.pdf 2.ATMEGA1284RFR2-ZUR.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I²C, JTAG, SPI, USART
SENSITIVITY	-100dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	Zigbee®
POWER - OUTPUT	3.5dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	ATMEGA1284RFR2-ZURTR
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	O-QPSK
MEMORY SIZE	128kB Flash, 4kB EEPROM, 16kB SRAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	32
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8mA ~ 14.5mA
CURRENT - RECEIVING	5mA ~ 12.5mA

Related Tags

Micrel / Microchip Technology ATMEGA1284RFR2-ZUR	ATMEGA1284RFR2-ZUR Distributor	ATMEGA1284RFR2-ZUR Supplier
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Related Products

 ATMEGA128A-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64TQFP In stock: 18931 pcs RFQ	 ATMEGA128A-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64TQFP In stock: 16798 pcs RFQ
 ATMEGA1284RFR2-ZF Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 18484 pcs RFQ	 ATMEGA128A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64TQFP In stock: 17874 pcs RFQ
 ATMEGA1284RZAP-MU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 In stock: 3614 pcs RFQ	 ATMEGA1284RFR2-ZFR Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 18614 pcs RFQ
 ATMEGA1284RZAP-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 In stock: 6683 pcs RFQ	 ATMEGA128A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64TQFP In stock: 18478 pcs RFQ
 ATMEGA1284RFR2-ZFR Manufacturers: Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 6433 pcs RFQ	 ATMEGA1284RFR2-ZUR Manufacturers: Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 18822 pcs RFQ
 ATMEGA1284RFR2-ZU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 15723 pcs RFQ	 ATMEGA1284RFR2-ZF Manufacturers: Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 19418 pcs RFQ