



Micrel / Microchip Technology

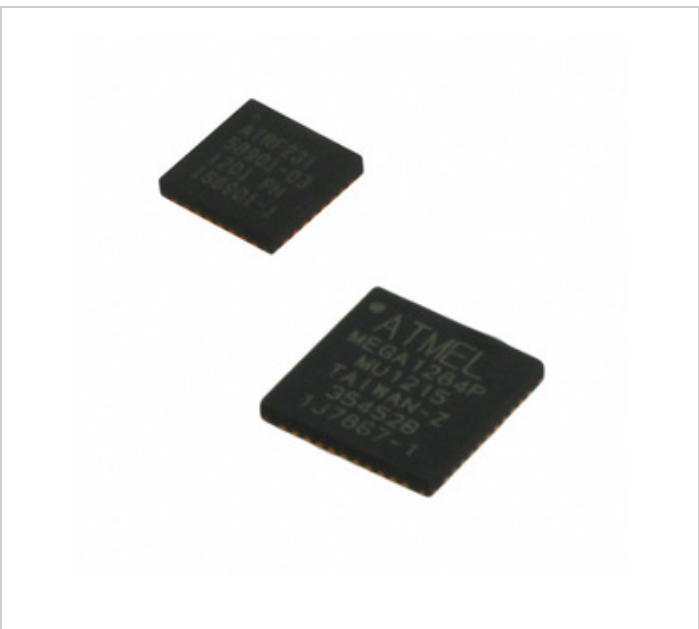


Image may be representation. See specifications for product details.

ATMEGA1284PR231-MU

Part Number:	ATMEGA1284PR231-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC RF TXRX+MCU 802.15.4/ISM QFN
Datasheets:	 1.ATMEGA1284PR231-MU.pdf
	 2.ATMEGA1284PR231-MU.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

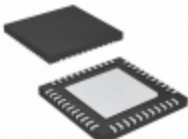
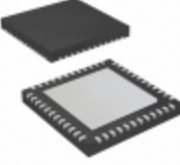
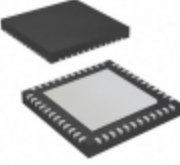
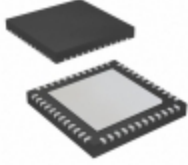
Specifications of ATMEGA1284PR231-MU

PART NUMBER	ATMEGA1284PR231-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC RF TXRX+MCU 802.15.4/ISM QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATMEGA1284PR231-MU.pdf
	 2.ATMEGA1284PR231-MU.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	SPI
SENSITIVITY	-101dBm
RF FAMILY/STANDARD	802.15.4, General ISM > 1GHz
PROTOCOL	6LoWPAN, WirelessHART™, Zigbee®
POWER - OUTPUT	3dBm
PACKAGING	Tray
PACKAGE / CASE	44-QFN, 32-QFN
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, General ISM > 1GHz 6LoWPAN, WirelessHART™, Zigbee® 2.4GHz 44-QFN, 32-QFN
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	7.4mA ~ 14mA
CURRENT - RECEIVING	10.3mA ~ 12.3mA

Related Tags

Micrel / Microchip Technology ATMEGA1284PR231-MU	ATMEGA1284PR231-MU Distributor	ATMEGA1284PR231-MU Supplier
ATMEGA1284PR231-MU Price	ATMEGA1284PR231-MU Pictures	ATMEGA1284PR231-MU Image
ATMEGA1284PR231-MU PDF Datasheet	ATMEGA1284PR231-MU Download Datasheet	ATMEGA1284PR231-MU Datasheet
ATMEGA1284PR231-MU Stock	Buy ATMEGA1284PR231-MU	Buy Micrel / Microchip Technology ATMEGA1284PR231-MU
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Related Products

 ATMEGA1284PR212-MU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4/ISM QFN In stock: Out stock RFQ	 ATMEGA1284P-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44VQFN In stock: Out stock RFQ
 ATMEGA1284RFR2-ZFR Manufacturers: Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: Out stock RFQ	 ATMEGA1284P-XPLD Manufacturers: Micrel / Microchip Technology Description: MEGA-1284P XPLAINED EVAL KIT In stock: 13 pcs RFQ
 ATMEGA1284RFR2-ZU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 926 pcs RFQ	 ATMEGA1284RFR2-ZF Manufacturers: Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 92 pcs RFQ
 ATMEGA1284P-PU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 40DIP In stock: 598 pcs RFQ	 ATMEGA1284RFR2-ZUR Manufacturers: Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 10 pcs RFQ
 ATMEGA1284RFR2-ZF Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: Out stock RFQ	 ATMEGA1284RFR2-ZFR Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: Out stock RFQ
 ATMEGA1284PR212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 44-TQFP In stock: Out stock RFQ	 ATMEGA1284PR231-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 44-TQFP In stock: Out stock RFQ