



Micrel / Microchip Technology



ATMEGA1280R231-CU

Part Number:	ATMEGA1280R231-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC RF TXRX+MCU 802.15.4 100TFBGA
	 1.ATMEGA1280R231-CU.pdf
	 2.ATMEGA1280R231-CU.pdf
	 3.ATMEGA1280R231-CU.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7032 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATMEGA1280R231-CU

PART NUMBER	ATMEGA1280R231-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC RF TXRX+MCU 802.15.4 100TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7032 pcs
DATA SHEET	 1.ATMEGA1280R231-CU.pdf  2.ATMEGA1280R231-CU.pdf  3.ATMEGA1280R231-CU.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	Bulk
PACKAGE / CASE	100-TFBGA
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	O-QPSK
MEMORY SIZE	128kB Flash, 4kB EEPROM, 8kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	86
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, General ISM > 1GHz 6LoWPAN, WirelessHART™, Zigbee® 2.4GHz 100-TFBGA
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	7.4mA ~ 14mA
CURRENT - RECEIVING	10.3mA ~ 12.3mA

Related Tags

Micrel / Microchip Technology ATMEGA1280R231-CU	ATMEGA1280R231-CU Distributor	ATMEGA1280R231-CU Supplier
ATMEGA1280R231-CU Price	ATMEGA1280R231-CU Pictures	ATMEGA1280R231-CU Image
ATMEGA1280R231-CU PDF Datasheet	ATMEGA1280R231-CU Download Datasheet	ATMEGA1280R231-CU Datasheet
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Related Products

 ATMEGA1280-16CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 17736 pcs RFQ	 ATMEGA1280V-8CUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 9771 pcs RFQ
 ATMEGA1280-16CUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 8018 pcs RFQ	 ATMEGA1280V-8AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: 8165 pcs RFQ
 ATMEGA1280R231-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: 5767 pcs RFQ	 ATMEGA1280V-8CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 7580 pcs RFQ
 ATMEGA1281-16AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64TQFP In stock: 11842 pcs RFQ	 ATMEGA1280R212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: 4954 pcs RFQ
 ATMEGA1280V-8AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: 9258 pcs RFQ	 ATMEGA1280-16CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 9375 pcs RFQ
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