



Micrel / Microchip Technology



ATMEGA2560R231-CU

Part Number:	ATMEGA2560R231-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC RF TXRX+MCU 802.15.4 100TFBGA
	 1.ATMEGA2560R231-CU.pdf
	 2.ATMEGA2560R231-CU.pdf
	 3.ATMEGA2560R231-CU.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5685 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATMEGA2560R231-CU

PART NUMBER	ATMEGA2560R231-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	5685 pcs
DATA SHEET	 1.ATMEGA2560R231-CU.pdf  2.ATMEGA2560R231-CU.pdf  3.ATMEGA2560R231-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	-
PACKAGE / CASE	100-TFBGA
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	O-QPSK
MEMORY SIZE	256kB 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 ATMEGA2560R231-CU	ATMEGA2560R231-CU Distributor	ATMEGA2560R231-CU Supplier
ATMEGA2560R231-CU Price	ATMEGA2560R231-CU Pictures	ATMEGA2560R231-CU Image
ATMEGA2560R231-CU PDF Datasheet	ATMEGA2560R231-CU Download Datasheet	ATMEGA2560R231-CU Datasheet
ATMEGA2560R231-CU Stock	Buy ATMEGA2560R231-CU	Buy Micrel / Microchip Technology ATMEGA2560R231-CU
Micrel / Microchip Technology ATMEGA2560R231-CU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATMEGA2560R231-CU	Microchip Technology ATMEGA2560R231-CU	Roving Networks / Microchip Technology ATMEGA2560R231-CU

Related Products

 ATMEGA2560V-8AI Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 5076 pcs RFQ	 ATMEGA2560-16CUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 7687 pcs RFQ
 ATMEGA2560R212-CU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100TFBGA In stock: 3262 pcs RFQ	 ATMEGA2560-16CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 8574 pcs RFQ
 ATMEGA2560V-8CUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 9044 pcs RFQ	 ATMEGA2560V-8AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 7167 pcs RFQ
 ATMEGA2560V-8AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 8524 pcs RFQ	 ATMEGA2560-16CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 12951 pcs RFQ
 ATMEGA2560V-8CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 8143 pcs RFQ	 ATMEGA2560V-8CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 7739 pcs RFQ
 ATMEGA2560R212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: 3136 pcs RFQ	 ATMEGA2560R231-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: 5604 pcs RFQ