



Micrel / Microchip Technology

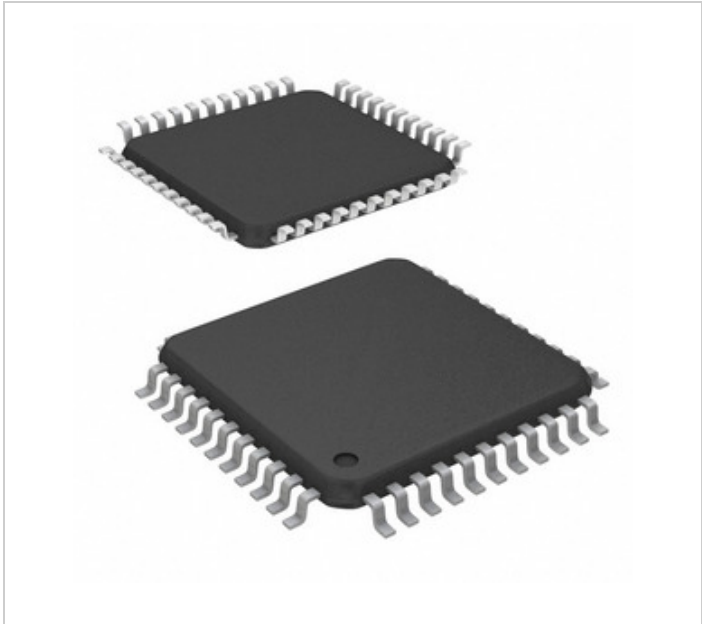


Image may be representation. See specifications for product details.

ATMEGA644PR231-AU

Part Number:	ATMEGA644PR231-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC RF TXRX+MCU 802.15.4 44-TQFP
Datasheets:	 ATMEGA644PR231-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

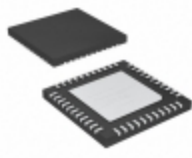
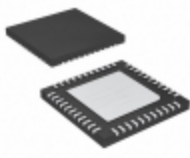
Specifications of ATMEGA644PR231-AU

PART NUMBER	ATMEGA644PR231-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC RF TXRX+MCU 802.15.4 44-TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATMEGA644PR231-AU.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-TQFP
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	O-QPSK
MEMORY SIZE	64kB Flash, 2kB EEPROM, 4kB RAM
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-TQFP
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	7.4mA ~ 14mA
CURRENT - RECEIVING	10.3mA ~ 12.3mA

Related Tags

Micrel / Microchip Technology ATMEGA644PR231-AU	ATMEGA644PR231-AU Distributor	ATMEGA644PR231-AU Supplier
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ATMEGA644PR231-AU PDF Datasheet	ATMEGA644PR231-AU Download Datasheet	ATMEGA644PR231-AU Datasheet
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Micrel / Microchip Technology ATMEGA644PR231-AU	Microchip Technology ATMEGA644PR231-AU	Roving Networks / Microchip Technology ATMEGA644PR231-AU

Related Products

 ATMEGA644PA-MNR Manufacturers: Microchip Technology Description: IC MCU 8BIT 64KB FLASH 44VQFN In stock: Out stock RFQ	 ATMEGA644PR231-MU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4/ISM In stock: Out stock RFQ
 ATMEGA644PA-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 44VQFN In stock: Out stock RFQ	 ATMEGA644PA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 44VQFN In stock: Out stock RFQ
 ATMEGA644PA-PU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 40DIP In stock: Out stock RFQ	 ATMEGA644PV-10AQR Manufacturers: Microchip Technology Description: IC MCU 8BIT 64KB FLASH 44TQFP In stock: Out stock RFQ
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