



Micrel / Microchip Technology



ATMEGA128RFA1-ZU00

Part Number:	ATMEGA128RFA1-ZU00
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC RF TXRX+MCU 802.15.4 64-VFQFN
Datasheets:	 1.ATMEGA128RFA1-ZU00.pdf
	 2.ATMEGA128RFA1-ZU00.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	13078 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

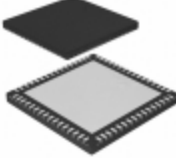
Specifications of ATMEGA128RFA1-ZU00

PART NUMBER	ATMEGA128RFA1-ZU00
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC RF TXRX+MCU 802.15.4 64-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13078 pcs
DATA SHEET	 1.ATMEGA128RFA1-ZU00.pdf
	 2.ATMEGA128RFA1-ZU00.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	6LoWPAN, Zigbee®
POWER - OUTPUT	3.5dBm
PACKAGING	Tray
PACKAGE / CASE	64-VFQFN Exposed Pad
OTHER NAMES	ATMEGA128RFA1ZU00
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	38
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 6LoWPAN, Zigbee® 2.4GHz 64-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8mA ~ 14.5mA
CURRENT - RECEIVING	12mA ~ 12.5mA

Related Tags

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Related Products

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 ATMEGA128RFA1-ZUR Manufacturers: Microchip Technology Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 18567 pcs RFQ	 ATMEGA128RFA1-ZUR Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 13375 pcs RFQ
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