



Micrel / Microchip Technology

## ATMEGA128RFA1-ZUR

Part Number:	ATMEGA128RFA1-ZUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC RF TXRX+MCU 802.15.4 64-VFQFN
Datasheets:	<a href="#">1.ATMEGA128RFA1-ZUR.pdf</a> <a href="#">2.ATMEGA128RFA1-ZUR.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of ATMEGA128RFA1-ZUR

PART NUMBER	ATMEGA128RFA1-ZUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC RF TXRX+MCU 802.15.4 64-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.ATMEGA128RFA1-ZUR.pdf</a> <a href="#">2.ATMEGA128RFA1-ZUR.pdf</a>
VOLTAGE - SUPPLY	1.8 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I <sup>2</sup> C, JTAG, SPI, USART
SENSITIVITY	-100dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	6LoWPAN, Zigbee®
POWER - OUTPUT	3.5dBm
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	64-VFQFN Exposed Pad
OTHER NAMES	ATMEGA128RFA1-ZURCT
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	O-QPSK
MEMORY SIZE	128kB Flash, 4kB EEPROM, 16kB SRAM
MANUFACTURER STANDARD LEAD TIME	7 Weeks
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

<p><b>ATMEGA128RFA1-ZUR00</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATMEGA128RFA1-ZUR00</b>                  Manufacturers: Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATMEGA128RFA1-ZFR</b>                  Manufacturers: Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATMEGA128RFR2-ZF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATMEGA128RFR2-ZFR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATMEGA128RFA1-ZU00</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: 61 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA128RFA1-ZF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: 260 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA128RFA1-ZFR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATMEGA128RFR2-ZFR</b>                  Manufacturers: Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATMEGA128RFA1-ZU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATMEGA128L-8MUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 64QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATMEGA128RFA1-ZUR</b>                  Manufacturers: Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>

