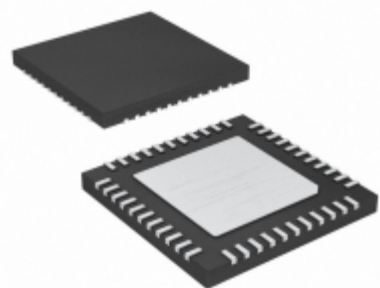


ATMEGA32U4RC-MUR



Images are for reference only.
See Product Specifications for product details.
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Part Number:

ATMEGA32U4RC-MUR

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 8BIT 32KB FLASH 44QFN

Data sheet:

 [USB DFU Bootloader Datasheet](#)

 [ATmega16U4,32U4 Datasheet](#)

 [ATmega16U4,32U4 Summary](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

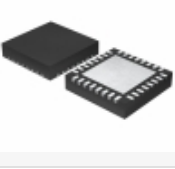
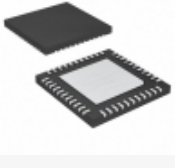
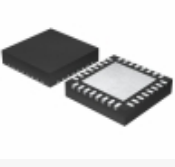
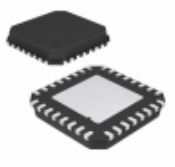
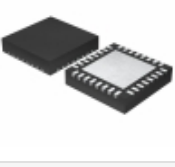
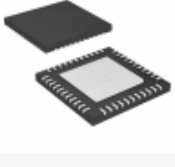
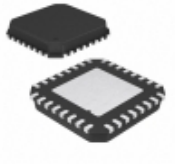
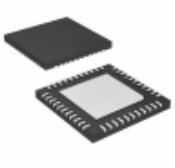
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Shipment Way:

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PRODUCT PARAMETER			
Part Number	ATMEGA32U4RC-MUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28306 pcs	Data sheet	USB DFU Bootloader Datasheet ATmega16U4,32U4 Datasheet ATmega16U4,32U4 Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	44-QFN (7x7)	Speed	16MHz
Series	AVR® ATmega	RAM Size	2.5K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (16K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	44-VFQFN Exposed Pad	Other Names	ATMEGA32U4RC-MURCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	26	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	7 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	1K x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 32KB (16K x 16) FLASH 44-QFN (7x7)
Data Converters	A/D 12x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C, SPI, UART/USART, USB
Base Part Number	ATMEGA32		
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	Part#: ATMEGA32U4-AUR Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA32U4RC-MU Description: IC MCU 8BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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