

ATMEGA16U4-MU



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Part Number: [ATMEGA16U4-MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 44QFN

Data sheet:  [USB DFU Bootloader Datasheet](#)
 [ATmega16U4,32U4 Datasheet](#)
 [ATmega16U4,32U4 Summary](#)

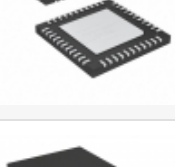
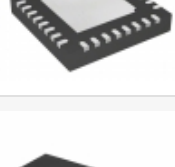
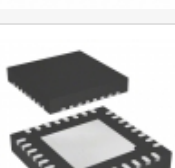
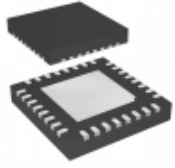
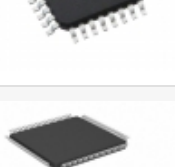
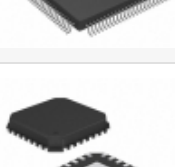
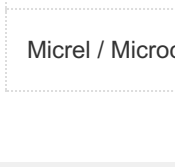
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATMEGA16U4-MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26836 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	1.25K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	44-VFQFN Exposed Pad	Other Names	ATMEGA16U4-16MU ATMEGA16U4-16MU-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	26	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	512 x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 16KB (8K 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	ATMEGA16		
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	Part#: ATMEGA2560-16AU Description: IC MCU 8BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16U4-MUR Description: IC MCU 8BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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