

ATMEGA32U4-AU



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Part Number: [ATMEGA32U4-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 44TQFP

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

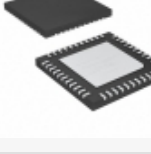
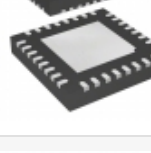
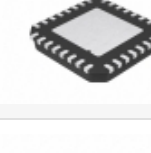
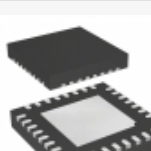
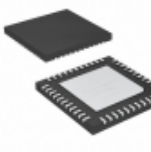
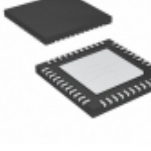
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATMEGA32U4-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	25239 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-TQFP (10x10)	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	Tray
Package / Case	44-TQFP	Other Names	ATMEGA32U4-16AU ATMEGA32U4-16AU-ND ATMEGA32U4AU
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	6 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-TQFP (10x10)
Data Converters	A/D 12x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	PC, SPI, UART/USART, USB
Base Part Number	ATMEGA32		
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