

ATMEGA32U2-AU



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See Product Specifications for product details.
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Part Number: [ATMEGA32U2-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 32TQFP

Data sheet:  [ATMEGA8/16/32U2 Summary](#)
 [ATMEGA8/16/32U2 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

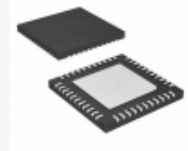
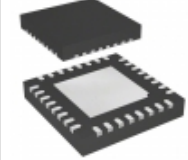
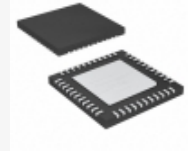
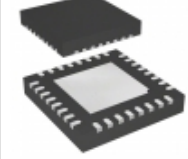
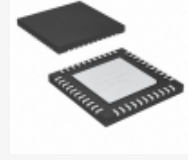
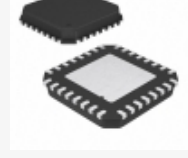
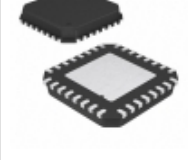
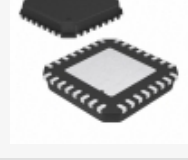
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATMEGA32U2-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 32TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	44377 pcs	Data sheet	ATMEGA8/16/32U2 Summary ATMEGA8/16/32U2 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	32-TQFP (7x7)	Speed	16MHz
Series	AVR® ATmega	RAM Size	1K 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	32-TQFP	Other Names	ATMEGA32U2AU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	22	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	4 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 32-TQFP (7x7)
Data Converters	-	Core Size	8-Bit
Core Processor	AVR	Connectivity	SPI, UART/USART, USB
Base Part Number	ATMEGA32		

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