

ATMEGA32-16AQ





Part Number: [ATMEGA32-16AQ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 44TQFP

Data sheet:  [ATMEGA32\(L\) Summary](#)
 [ATMEGA32\(L\) Complete](#)

RoHs Status: Lead free / RoHS Compliant

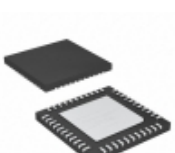
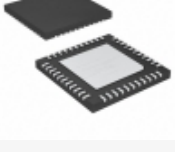
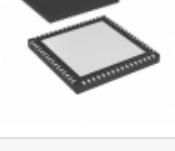
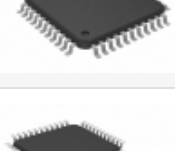
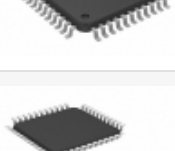
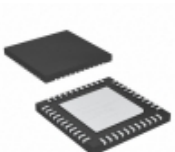
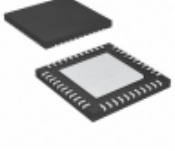
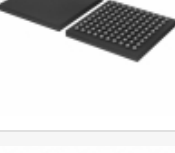
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PRODUCT PARAMETER			
Part Number	ATMEGA32-16AQ	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22949 pcs	Data sheet	ATMEGA32(L) Summary ATMEGA32(L) Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	44-TQFP (10x10)	Speed	16MHz
Series	AVR® ATmega	RAM Size	2K 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	ATMEGA3216AQ
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	32	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 44-TQFP (10x10)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATMEGA32		
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RELATED PRODUCTS			
	Part#: ATMEGA32-16MU Description: IC MCU 8BIT 32KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16PI Description: IC MCU 8BIT 32KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16PC Description: IC MCU 8BIT 32KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16MC Description: IC MCU 8BIT 32KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA256RFR2-ZU Description: IC RF TXRX+MCU 802.15.4 64-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA256RZAV-8AU Description: IC RF TXRX+MCU 802.15.4 64-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA256RZBV-8AU Description: IC RF TXRX+MCU 802.15.4 100-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16AU Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16AI Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA256RFR2-ZFR Description: IC RF TXRX+MCU 802.15.4 64-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA256RFR2-ZUR Description: IC RF TXRX+MCU 802.15.4 64-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16AQR Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16MI Description: IC MCU 8BIT 32KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16AJ Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16MJ Description: IC MCU 8BIT 32KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA256RZAV-8MU Description: IC RF TXRX+MCU 802.15.4 64-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA256RZBV-8CU Description: IC RF TXRX+MCU 802.15.4 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA32-16AC Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATMEGA32-16AQ			
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