



Micrel / Microchip Technology

## ATMEGA32-16MC

Part Number:	ATMEGA32-16MC
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 32KB FLASH 44VQFN
Datasheets:	<a href="#">1.ATMEGA32-16MC.pdf</a> <a href="#">2.ATMEGA32-16MC.pdf</a>
RoHS Status:	Contains lead / RoHS non-compliant
Stock Condition:	3244 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of ATMEGA32-16MC

PART NUMBER	ATMEGA32-16MC
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 32KB FLASH 44VQFN
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	3244 pcs
DATA SHEET	<a href="#">1.ATMEGA32-16MC.pdf</a> <a href="#">2.ATMEGA32-16MC.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	4.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-VQFN (7x7)
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-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	0°C ~ 70°C (TA)
NUMBER OF I/O	32
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 32KB (16K x 16) FLASH 44-VQFN (7x7)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	ATMEGA32

### Related Tags

Micrel / Microchip Technology ATMEGA32-16MC	ATMEGA32-16MC Distributor	ATMEGA32-16MC Supplier
ATMEGA32-16MC Price	ATMEGA32-16MC Pictures	ATMEGA32-16MC Image
ATMEGA32-16MC PDF Datasheet	ATMEGA32-16MC Download Datasheet	ATMEGA32-16MC Datasheet
ATMEGA32-16MC Stock	Buy ATMEGA32-16MC	Buy Micrel / Microchip Technology ATMEGA32-16MC
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### Related Products

<p><b>ATMEGA32-16AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44TQFP                  In stock: 18987 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA32-16AQR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44TQFP                  In stock: 17368 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA32-16MI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44VQFN                  In stock: 4640 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA32-16MJ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44VQFN                  In stock: 5714 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA32-16MUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44VQFN                  In stock: 6123 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA32-16AQ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44TQFP                  In stock: 18370 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA32-16PC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 40DIP                  In stock: 6569 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA32-16MU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44VQFN                  In stock: 19526 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA32-16MUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44VQFN                  In stock: 21960 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA32-16AJ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44TQFP                  In stock: 5046 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA32-16AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44TQFP                  In stock: 15152 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA32-16AQR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44TQFP                  In stock: 16951 pcs  <a href="#">RFQ</a></p>

