

ATMEGA32A-PU



Part Number: [ATMEGA32A-PU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 40DIP

Data sheet:  [ATmega32A Summary](#)  
 [ATmega32A Complete](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

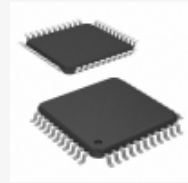
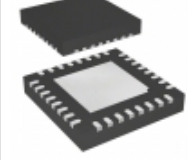
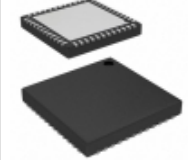
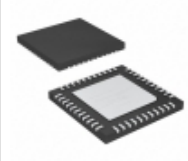
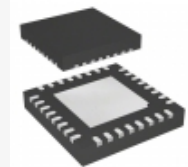
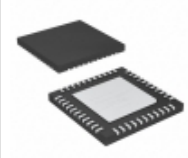
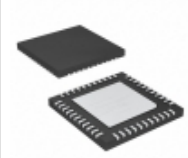
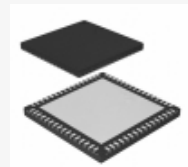
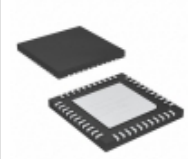
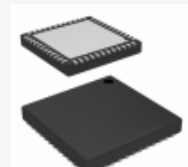
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER               |                                           |                                  |                                                                              |
|---------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------|
| Part Number                     | ATMEGA32A-PU                              | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                |
| Description                     | IC MCU 8BIT 32KB FLASH 40DIP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                   |
| Quantity Available              | 33149 pcs                                 | Data sheet                       | <a href="#">ATmega32A Summary</a><br><a href="#">ATmega32A Complete</a>      |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                                |
| Supplier Device Package         | 40-PDIP                                   | 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                        | Tube                                                                         |
| Package / Case                  | 40-DIP (0.600", 15.24mm)                  | Other Names                      | ATMEGA32APU                                                                  |
| Oscillator Type                 | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                            |
| Number of I/O                   | 32                                        | Moisture Sensitivity Level (MSL) | Not Applicable                                                               |
| 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 40-PDIP |
| 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#: <a href="#">ATMEGA32A-PN</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32A-AU</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32C1-15AD</a><br>Description: IC MCU 8BIT 32KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32A-AUR</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32C1-15MZ</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32HVB-8X3</a><br>Description: IC MCU 8BIT 32KB FLASH 44TSSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32HVE2-PLQW</a><br>Description: IC MCU 8BIT 32KB FLASH 48QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32L-8AC</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32A-MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 44VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32C1-15MD</a><br>Description: IC MCU 8BIT 32KB FLASH 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32A-MNR</a><br>Description: IC MCU 8BIT 32KB FLASH 44VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32C1-15AZ</a><br>Description: IC MCU 8BIT 32KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32A-MN</a><br>Description: IC MCU 8BIT 32KB FLASH 44VQFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA329V-8MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32L-8AI</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32A-AN</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32A-MU</a><br>Description: IC MCU 8BIT 32KB FLASH 44VQFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32HVE2-PLPW</a><br>Description: IC MCU 8BIT 32KB FLASH 48QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32A-ANR</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA32HVB-8X3R</a><br>Description: IC MCU 8BIT 32KB FLASH 44TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                            |                                   |                                        |                    |
|--------------------------------------------|-----------------------------------|----------------------------------------|--------------------|
| Related keywords for <b>ATMEGA32A-PU</b>   |                                   |                                        |                    |
| Micrel / Microchip Technology ATMEGA32A-PU | ATMEGA32A-PU distributor          | ATMEGA32A-PU supplier                  | ATMEGA32A-PU price |
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