

MICROCHIP

Micrel / Microchip Technology

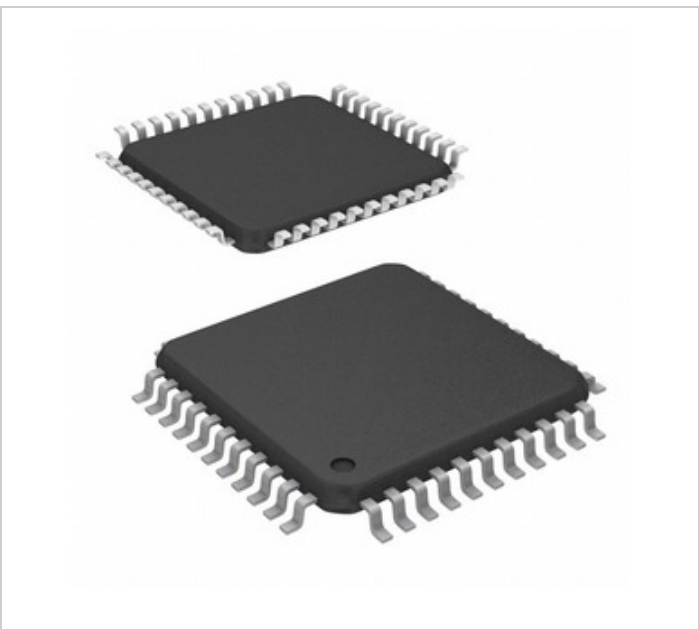


Image may be representation. See specifications for product details.

ATMEGA32L-8AI

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA32L-8AI                                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 32KB FLASH 44TQFP                                                                                        |
| Datasheets:         | <a href="#">1.ATMEGA32L-8AI.pdf</a><br><a href="#">2.ATMEGA32L-8AI.pdf</a>                                           |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 5203 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

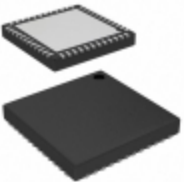
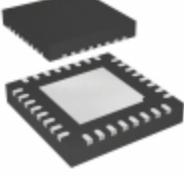
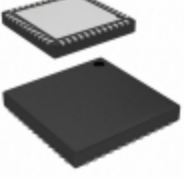
Specifications of ATMEGA32L-8AI

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA32L-8AI                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                       |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44TQFP                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                  |
| QUANTITY AVAILABLE               | 5203 pcs                                                                            |
| DATA SHEET                       | <a href="#">1.ATMEGA32L-8AI.pdf</a><br><a href="#">2.ATMEGA32L-8AI.pdf</a>          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                       |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                     |
| SPEED                            | 8MHz                                                                                |
| 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                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                   |
| NUMBER OF I/O                    | 32                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                  |
| EEPROM SIZE                      | 1K x 8                                                                              |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 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                                                                            |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA32L-8AI | ATMEGA32L-8AI Distributor              | ATMEGA32L-8AI Supplier                               |
| ATMEGA32L-8AI Price                         | ATMEGA32L-8AI Pictures                 | ATMEGA32L-8AI Image                                  |
| ATMEGA32L-8AI PDF Datasheet                 | ATMEGA32L-8AI Download Datasheet       | ATMEGA32L-8AI Datasheet                              |
| ATMEGA32L-8AI Stock                         | Buy ATMEGA32L-8AI                      | Buy Micrel / Microchip Technology ATMEGA32L-8AI      |
| Micrel / Microchip Technology ATMEGA32L-8AI | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATMEGA32L-8AI | Microchip Technology ATMEGA32L-8AI     | Roving Networks / Microchip Technology ATMEGA32L-8AI |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATMEGA32L-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 22453 pcs<br/><b>RFQ</b></div>   |  <div><b>ATMEGA32HVE2-PLQW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 6854 pcs<br/><b>RFQ</b></div> |
|  <div><b>ATMEGA32L-8MI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 2932 pcs<br/><b>RFQ</b></div>     |  <div><b>ATMEGA32L-8MJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 5342 pcs<br/><b>RFQ</b></div>    |
|  <div><b>ATMEGA32L-8AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 6738 pcs<br/><b>RFQ</b></div>     |  <div><b>ATMEGA32L-8AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 15172 pcs<br/><b>RFQ</b></div>   |
|  <div><b>ATMEGA32C1-15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 3268 pcs<br/><b>RFQ</b></div>    |  <div><b>ATMEGA32HVE2-PLPW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 6976 pcs<br/><b>RFQ</b></div> |
|  <div><b>ATMEGA32L-8AJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 7009 pcs<br/><b>RFQ</b></div>     |  <div><b>ATMEGA32HVB-8X3</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TSSOP<br/>In stock: 6373 pcs<br/><b>RFQ</b></div> |
|  <div><b>ATMEGA32HVB-8X3R</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TSSOP<br/>In stock: 2871 pcs<br/><b>RFQ</b></div> |  <div><b>ATMEGA32L-8MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 5390 pcs<br/><b>RFQ</b></div>    |