



Micrel / Microchip Technology



ATMEGA32L-8MUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA32L-8MUR                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 44VQFN                                                                                |
|                     |  1.ATMEGA32L-8MUR.pdf       |
|                     |  2.ATMEGA32L-8MUR.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 18032 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of ATMEGA32L-8MUR

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA32L-8MUR                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44VQFN                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 18032 pcs                                                                                                                                                                                                            |
| DATA SHEET                       |  1.ATMEGA32L-8MUR.pdf<br> 2.ATMEGA32L-8MUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 44-VQFN (7x7)                                                                                                                                                                                                        |
| 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                        | Original-Reel®                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 44-VFQFN Exposed Pad                                                                                                                                                                                                 |
| OTHER NAMES                      | ATMEGA32L-8MURDKR                                                                                                                                                                                                    |
| 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   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| EEPROM SIZE                      | 1K x 8                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 32KB (16K x 16) FLASH 44-VQFN (7x7)                                                                                                                                    |
| 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-8MUR | ATMEGA32L-8MUR Distributor             | ATMEGA32L-8MUR Supplier                               |
| ATMEGA32L-8MUR Price                         | ATMEGA32L-8MUR Pictures                | ATMEGA32L-8MUR Image                                  |
| ATMEGA32L-8MUR PDF Datasheet                 | ATMEGA32L-8MUR Download Datasheet      | ATMEGA32L-8MUR Datasheet                              |
| ATMEGA32L-8MUR Stock                         | Buy ATMEGA32L-8MUR                     | Buy Micrel / Microchip Technology ATMEGA32L-8MUR      |
| Micrel / Microchip Technology ATMEGA32L-8MUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA32L-8MUR | Microchip Technology ATMEGA32L-8MUR    | Roving Networks / Microchip Technology ATMEGA32L-8MUR |

Related Products

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|  <div><b>ATMEGA32M1-15AZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/>In stock: 20212 pcs<br/><div>RFQ</div></div> |  <div><b>ATMEGA32L-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 22453 pcs<br/><div>RFQ</div></div> |
|  <div><b>ATMEGA32M1-15AD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/>In stock: 21455 pcs<br/><div>RFQ</div></div> |  <div><b>ATMEGA32L-8PJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 5702 pcs<br/><div>RFQ</div></div>    |
|  <div><b>ATMEGA32L-8PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 3986 pcs<br/><div>RFQ</div></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/><div>RFQ</div></div>  |
|  <div><b>ATMEGA32L-8PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 18783 pcs<br/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></div>   |
|  <div><b>ATMEGA32L-8MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 16842 pcs<br/><div>RFQ</div></div>   |  <div><b>ATMEGA32L-8PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 6795 pcs<br/><div>RFQ</div></div>    |