

MICROCHIP

Micrel / Microchip Technology

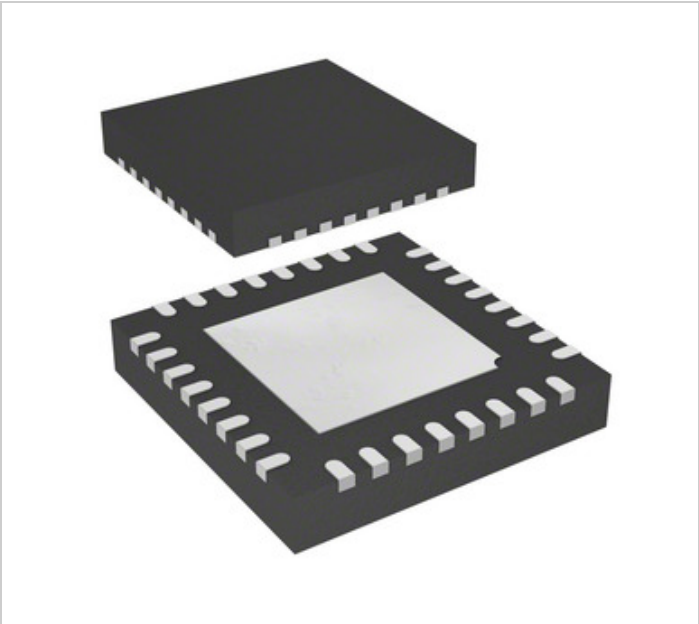


Image may be representation. See specifications for product details.

ATMEGA16M1-MU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA16M1-MU                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 32QFN                                                                                 |
|                     | <a href="#">PDF</a> 1.ATMEGA16M1-MU.pdf                                                                      |
|                     | <a href="#">PDF</a> 2.ATMEGA16M1-MU.pdf                                                                      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

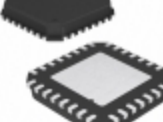
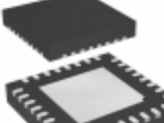
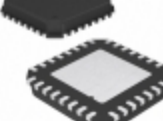
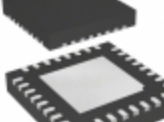
Specifications of ATMEGA16M1-MU

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA16M1-MU                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                      |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 32QFN                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| DATA SHEET                       | <a href="#">PDF</a> 1.ATMEGA16M1-MU.pdf<br><a href="#">PDF</a> 2.ATMEGA16M1-MU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (7x7)                                                                       |
| SPEED                            | 16MHz                                                                              |
| SERIES                           | AVR® ATmega                                                                        |
| RAM SIZE                         | 1K x 8                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                              |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                 |
| PACKAGING                        | Tray                                                                               |
| PACKAGE / CASE                   | 32-VQFN Exposed Pad                                                                |
| OTHER NAMES                      | ATMEGA16M1MU                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| EEPROM SIZE                      | 512 x 8                                                                            |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 16KB (8K x 16) FLASH 32-QFN (7x7)   |
| DATA CONVERTERS                  | A/D 11x10b; D/A 1x10b                                                              |
| CORE SIZE                        | 8-Bit                                                                              |
| CORE PROCESSOR                   | AVR                                                                                |
| CONNECTIVITY                     | CANbus, LINbus, SPI, UART/USART                                                    |
| BASE PART NUMBER                 | ATMEGA16                                                                           |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA16M1-MU | ATMEGA16M1-MU Distributor              | ATMEGA16M1-MU Supplier                               |
| ATMEGA16M1-MU Price                         | ATMEGA16M1-MU Pictures                 | ATMEGA16M1-MU Image                                  |
| ATMEGA16M1-MU PDF Datasheet                 | ATMEGA16M1-MU Download Datasheet       | ATMEGA16M1-MU Datasheet                              |
| ATMEGA16M1-MU Stock                         | Buy ATMEGA16M1-MU                      | Buy Micrel / Microchip Technology ATMEGA16M1-MU      |
| Micrel / Microchip Technology ATMEGA16M1-MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATMEGA16M1-MU | Microchip Technology ATMEGA16M1-MU     | Roving Networks / Microchip Technology ATMEGA16M1-MU |

Related Products

|                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Micro Commercial Components</div> <div><b>ATMEGA16M1-15MD</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA16M1-15AZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 384 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATMEGA16U2-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: Out stock</div> <div>RFQ</div>                    | <div></div> <div><b>ATMEGA16U2-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32VQFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>ATMEGA16M1-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: Out stock</div> <div>RFQ</div>                    | <div></div> <div><b>ATMEGA16U4-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>ATMEGA16M1-15MD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: Out stock</div> <div>RFQ</div>                   | <div></div> <div><b>ATMEGA16U2-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div>Micro Commercial Components</div> <div><b>ATMEGA16U2-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA16U2-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32VQFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>ATMEGA16M1-15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: Out stock</div> <div>RFQ</div>                   | <div></div> <div><b>ATMEGA16M1-15AD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |