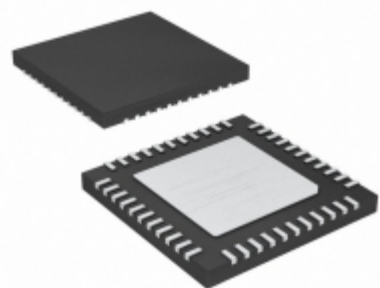


ATMEGA16L-8MC



Images are for reference only.  
See Product Specifications for product details.  
Buy ATMEGA16L-8MC with confidence from  
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Part Number: [ATMEGA16L-8MC](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 44VQFN

Data sheet:  [ATMEGA16\(L\) Summary](#)  
 [ATMEGA16\(L\) Datasheet](#)

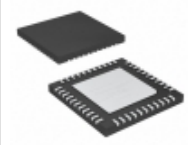
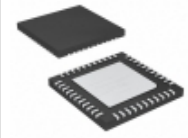
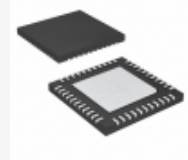
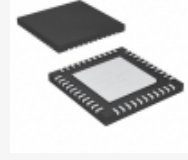
RoHs Status: Contains lead / RoHS non-compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                |                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ATMEGA16L-8MC                             | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MCU 8BIT 16KB FLASH 44VQFN             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5410 pcs                                  | Data sheet                     | <a href="#">ATMEGA16(L) Summary</a><br><a href="#">ATMEGA16(L) Datasheet</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44-VQFN (7x7)                             | Speed                          | 8MHz                                                                             |
| 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, 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 512 x 8                                   | Detailed Description           | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 16KB (8K 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ATMEGA16                                  |                                |                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 5410 pieces of Micrel / Microchip Technology ATMEGA16L-8MC in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATMEGA16L-8PJ</a><br>Description: IC MCU 8BIT 16KB FLASH 40DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8PU</a><br>Description: IC MCU 8BIT 16KB FLASH 40DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8MUR</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8AJ</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8PI</a><br>Description: IC MCU 8BIT 16KB FLASH 40DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16HVB-8X3R</a><br>Description: IC MCU 8BIT 16KB FLASH 44TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8MU</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8MI</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8AC</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16M1-15AD</a><br>Description: IC MCU 8BIT 16KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16M1-15AZ</a><br>Description: IC MCU 8BIT 16KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8AQ</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8AUR</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8MJ</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8AU</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16HVA-4TUR</a><br>Description: IC MCU 8BIT 16KB FLASH 28TSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16HVB-8X3</a><br>Description: IC MCU 8BIT 16KB FLASH 44TSSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8AQR</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8PC</a><br>Description: IC MCU 8BIT 16KB FLASH 40DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16L-8AI</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATMEGA16L-8MC

|                                             |                                    |                                                         |                     |
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