

ATMEGA16-16AQR



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Part Number: [ATMEGA16-16AQR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 44TQFP

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

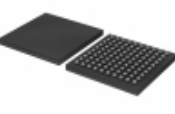
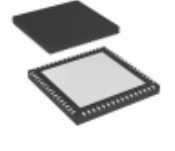
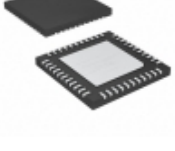
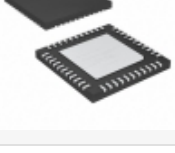
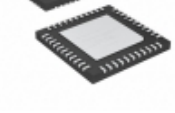
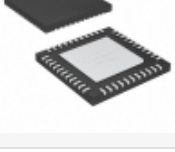
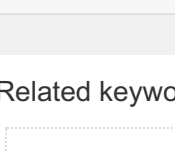
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ATMEGA16-16AQR                            | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 16KB FLASH 44TQFP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 51550 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)       | 4.5 V ~ 5.5 V                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44-TQFP (10x10)                           | 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, WDT     | Packaging                        | Cut Tape (CT)                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 44-TQFP                                   | Other Names                      | 1611-ATMEGA16-16AQRCT                                                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16 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 44-TQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A/D 8x10b                                 | Core Size                        | 8-Bit                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AVR                                       | Connectivity                     | I²C, SPI, UART/USART                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 51550 pieces of Micrel / Microchip Technology ATMEGA16-16AQR 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="#">ATMEGA16-16AJ</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA128RZBV-8CU</a><br>Description: IC RF TXRX+MCU 802.15.4 100TFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16AI</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA128RFR2-ZUR</a><br>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16MI</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA128RZAV-8MU</a><br>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA128RZAV-8AU</a><br>Description: IC RF TXRX+MCU 802.15.4 64-TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16PC</a><br>Description: IC MCU 8BIT 16KB FLASH 40DIP         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16AUR</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16MQ</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16MC</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16MQR</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16AU</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16AC</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16AQ</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA128RFR2-ZU</a><br>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16MUR</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16MJ</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA128RZBV-8AU</a><br>Description: IC RF TXRX+MCU 802.15.4 100-TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA16-16MU</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATMEGA16-16AQR

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