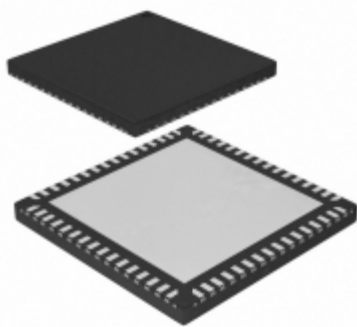


ATMEGA165-16MI





**Part Number:** [ATMEGA165-16MI](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 16KB FLASH 64QFN

**Data sheet:**  [ATMEGA165\(V\) Complete](#)  
 [ATMEGA165\(V\) Summary](#)

**RoHs Status:** Contains lead / RoHS non-compliant

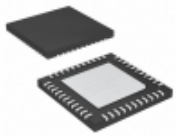
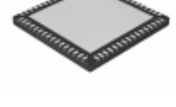
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
**Buy ATMEGA165-16MI with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ATMEGA165-16MI                            | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 8BIT 16KB FLASH 64QFN              | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4150 pcs                                  | Data sheet                     | <a href="#">ATMEGA165(V) Complete</a><br><a href="#">ATMEGA165(V) Summary</a>    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 64-QFN (9x9)                              | 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                      | Tray                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64-VFQFN Exposed Pad                      | Oscillator Type                | Internal                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C (TA)                         | Number of I/O                  | 54                                                                               |
| 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 16MHz 16KB (8K x 16) FLASH 64-QFN (9x9) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A/D 8x10b                                 | Core Size                      | 8-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AVR                                       | Connectivity                   | SPI, UART/USART, USI                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ATMEGA165                                 |                                |                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 4150 pieces of Micrel / Microchip Technology ATMEGA165-16MI 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="#">ATMEGA164PV-10MUR</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA164PV-10PU</a><br>Description: IC MCU 8BIT 16KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165-16AI</a><br>Description: IC MCU 8BIT 16KB FLASH 64TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165A-AUR</a><br>Description: IC MCU 8BIT 16KB FLASH 64TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA164PV-10AU</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165A-AU</a><br>Description: IC MCU 8BIT 16KB FLASH 64TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165P-16AN</a><br>Description: IC MCU 8BIT 16KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165-16AU</a><br>Description: IC MCU 8BIT 16KB FLASH 64TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165-16MU</a><br>Description: IC MCU 8BIT 16KB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA164PV-10MCUR</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165P-16MN</a><br>Description: IC MCU 8BIT 16KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA164PV-10MCU</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165P-16ANR</a><br>Description: IC MCU 8BIT 16KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA164PV-10MU</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165A-MU</a><br>Description: IC MCU 8BIT 16KB FLASH 64QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA164PV-10AUR</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA164PV-10PQ</a><br>Description: IC MCU 8BIT 16KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165A-MUR</a><br>Description: IC MCU 8BIT 16KB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165P-16AUR</a><br>Description: IC MCU 8BIT 16KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATMEGA165P-16AU</a><br>Description: IC MCU 8BIT 16KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

Related keywords for ATMEGA165-16MI

|                                              |                                     |                                                          |                      |
|----------------------------------------------|-------------------------------------|----------------------------------------------------------|----------------------|
| Micrel / Microchip Technology ATMEGA165-16MI | ATMEGA165-16MI distributor          | ATMEGA165-16MI supplier                                  | ATMEGA165-16MI price |
| ATMEGA165-16MI download datasheet            | ATMEGA165-16MI datasheet            | ATMEGA165-16MI stock                                     | buy ATMEGA165-16MI   |
| Micrel / Microchip Technology ATMEGA165-16MI | Microchip Technology ATMEGA165-16MI | Roving Networks / Microchip Technology<br>ATMEGA165-16MI |                      |