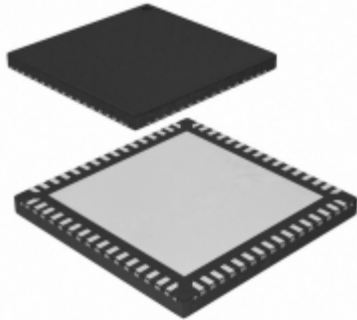


ATMEGA645P-MUR



Images are for reference only.  
See Product Specifications for product details.  
**Buy ATMEGA645P-MUR with confidence from  
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**Part Number:** [ATMEGA645P-MUR](#)

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

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

**Data sheet:**  [ATmega165A - 6450P Summary](#)

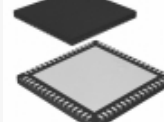
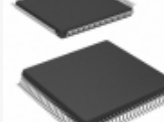
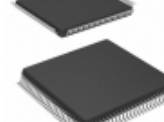
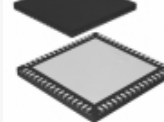
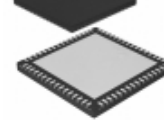
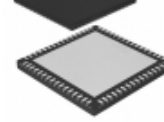
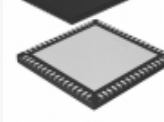
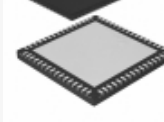
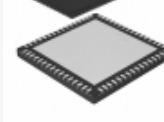
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ATMEGA645P-MUR                            | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 64KB FLASH 64QFN              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 22079 pcs                                 | Data sheet                       | <a href="#">ATmega165A - 6450P Summary</a>                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 5.5 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 64-QFN (9x9)                              | Speed                            | 16MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AVR® ATmega                               | RAM Size                         | 4K x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                     | Program Memory Size              | 64KB (32K x 16)                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tape & Reel (TR)                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 64-VFQFN Exposed Pad                      | Other Names                      | ATMEGA645P-MUR-ND<br>ATMEGA645P-MURTR<br>ATMEGA645PMUR                            |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                 |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 54                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                     |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2K x 8                                    | Detailed Description             | AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 64KB (32K 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ATMEGA645                                 |                                  |                                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 22079 pieces of Micrel / Microchip Technology ATMEGA645P-MUR 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="#">ATMEGA645V-8AI</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA645P-AU</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA649-16AU</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA649-16MI</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA649-16AUR</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA6450V-8AI</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA6450V-8AUR</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA645P-MU</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA645P-AUR</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA645A-AUR</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA645V-8MUR</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA6450V-8AU</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA645V-8MI</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA645V-8AU</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA649-16AI</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ATMEGA645A-AU</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA645A-MUR</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATMEGA645P-MUR

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