



Microchip Technology



ATMEGA164A-MUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA164A-MUR                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 44VQFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 33398 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

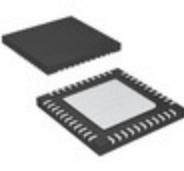
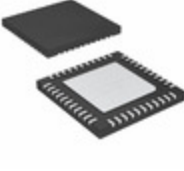
Specifications of ATMEGA164A-MUR

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA164A-MUR                                                                    |
| MANUFACTURER                     | Microchip Technology                                                              |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44VQFN                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| QUANTITY AVAILABLE               | 33398 pcs                                                                         |
| DATA SHEET                       |                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                             |
| VOLTAGE - BREAKDOWN              | 44-VQFN (7x7)                                                                     |
| SERIES                           | AVR® ATmega                                                                       |
| ROHS STATUS                      | Digi-Reel®                                                                        |
| REVERSE RECOVERY TIME (TRR)      | 20MHz                                                                             |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                             |
| PROGRAM MEMORY TYPE              | 16KB (8K x 16)                                                                    |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                                              |
| POLARIZATION                     | 44-VFQFN Exposed Pad                                                              |
| OTHER NAMES                      | 1611-ATMEGA164A-MURDKR                                                            |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                 |
| OPERATING SYSTEM                 | AVR                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                     |
| MANUFACTURER PART NUMBER         | ATMEGA164A-MUR                                                                    |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 16KB (8K x 16) FLASH 44-VQFN (7x7) |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44VQFN                                                     |
| DATA SRAM BYTES                  | 512 x 8                                                                           |
| DATA CONVERTERS                  | 1.8 V ~ 5.5 V                                                                     |
| CORE SIZE                        | 1K x 8                                                                            |
| CONTROLLER SERIES                | Internal                                                                          |
| CONNECTIVITY                     | 8-Bit                                                                             |
| CLOCK RATE                       | 32                                                                                |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA164A-MUR | ATMEGA164A-MUR Distributor             | ATMEGA164A-MUR Supplier                               |
| ATMEGA164A-MUR Price                         | ATMEGA164A-MUR Pictures                | ATMEGA164A-MUR Image                                  |
| ATMEGA164A-MUR PDF Datasheet                 | ATMEGA164A-MUR Download Datasheet      | ATMEGA164A-MUR Datasheet                              |
| ATMEGA164A-MUR Stock                         | Buy ATMEGA164A-MUR                     | Buy Micrel / Microchip Technology ATMEGA164A-MUR      |
| Micrel / Microchip Technology ATMEGA164A-MUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA164A-MUR | Microchip Technology ATMEGA164A-MUR    | Roving Networks / Microchip Technology ATMEGA164A-MUR |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>ATMEGA164P-15MT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 5171 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ATMEGA164A-PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 26593 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>ATMEGA164A-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 31408 pcs</div> <div>RFQ</div>          | <div></div> <div><b>ATMEGA164A-MCHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 6113 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>ATMEGA164A-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 32921 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA164A-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 49584 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA164P-15AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 6147 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA164A-MCHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 31834 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ATMEGA164P-15AT1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 6030 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA164P-15AZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 2874 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ATMEGA164A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 27411 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ATMEGA164A-MCH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 40288 pcs</div> <div>RFQ</div>   |