



Micrel / Microchip Technology



ATMEGA164A-CUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA164A-CUR                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 49VFBGA                                                                               |
|                     |  1.ATMEGA164A-CUR.pdf       |
|                     |  2.ATMEGA164A-CUR.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 49584 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

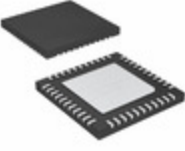
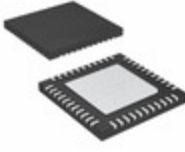
Specifications of ATMEGA164A-CUR

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA164A-CUR                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 49VFBGA                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 49584 pcs                                                                                                                                                                                                            |
| DATA SHEET                       |  1.ATMEGA164A-CUR.pdf<br> 2.ATMEGA164A-CUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 49-VFBGA (5x5)                                                                                                                                                                                                       |
| SPEED                            | 20MHz                                                                                                                                                                                                                |
| 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                   | 49-VFBGA                                                                                                                                                                                                             |
| OTHER NAMES                      | 1611-ATMEGA164A-CURCT                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 32                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| EEPROM SIZE                      | 512 x 8                                                                                                                                                                                                              |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 16KB (8K x 16) FLASH 49-VFBGA (5x5)                                                                                                                                   |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                 |

Related Tags

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

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
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|  <div><b>ATMEGA164A-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 31538 pcs</div> <div>RFQ</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><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><b>ATMEGA164A-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 33398 pcs</div> <div>RFQ</div>         |
|  <div><b>ATMEGA163L-4PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 3979 pcs</div> <div>RFQ</div>   |  <div><b>ATMEGA164A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 30748 pcs</div> <div>RFQ</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><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> |
|  <div><b>ATMEGA164A-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 24573 pcs</div> <div>RFQ</div> |  <div><b>ATMEGA163L-4PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 4501 pcs</div> <div>RFQ</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><b>ATMEGA163L-4AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 6820 pcs</div> <div>RFQ</div> |