



Micrel / Microchip Technology



ATMEGA164A-PU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA164A-PU                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 40DIP                                                                                 |
|                     |  1.ATMEGA164A-PU.pdf        |
|                     |  2.ATMEGA164A-PU.pdf        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 26593 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

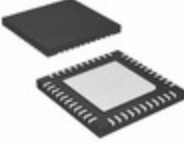
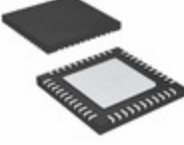
Specifications of ATMEGA164A-PU

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA164A-PU                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 40DIP                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 26593 pcs                                                                                                                                                                                                          |
| DATA SHEET                       |  1.ATMEGA164A-PU.pdf<br> 2.ATMEGA164A-PU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                                                                                                            |
| 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                        | Tube                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 40-DIP (0.600", 15.24mm)                                                                                                                                                                                           |
| OTHER NAMES                      | ATMEGA164APU                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 32                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                      |
| 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 40-PDIP                                                                                                                                        |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                              |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                               |
| BASE PART NUMBER                 | ATMEGA164                                                                                                                                                                                                          |

Related Tags

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

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <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><b>ATMEGA164P-15MT1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 6079 pcs</div> <div>RFQ</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><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-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: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 32921 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>ATMEGA164P-15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 3796 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>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><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> |