



ATMEGA164P-A15AZ

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA164P-A15AZ                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC MCU 8BIT 16KB FLASH 44TQFP                                                                                          |
| Datasheets:         |  <a href="#">ATMEGA164P-A15AZ.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 3834 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Specifications of ATMEGA164P-A15AZ

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA164P-A15AZ                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44TQFP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 3834 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">ATMEGA164P-A15AZ.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                          |
| SPEED                            | 16MHz                                                                                                                    |
| SERIES                           | Automotive, AEC-Q100, 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                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                  |
| OTHER NAMES                      | ATMEGA164P-A15AZ-ND<br>ATMEGA164P-A15AZTR<br>ATMEGA164PA15AZ                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 Automotive, AEC-Q100, AVR® ATmega Microcontroller IC 8-Bit 16MHz 16KB (8K x 16) FLASH 44-TQFP (10x10)                |
| 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 ATMEGA164P-A15AZ | ATMEGA164P-A15AZ Distributor           | ATMEGA164P-A15AZ Supplier                               |
| ATMEGA164P-A15AZ Price                         | ATMEGA164P-A15AZ Pictures              | ATMEGA164P-A15AZ Image                                  |
| ATMEGA164P-A15AZ PDF Datasheet                 | ATMEGA164P-A15AZ Download Datasheet    | ATMEGA164P-A15AZ Datasheet                              |
| ATMEGA164P-A15AZ Stock                         | Buy ATMEGA164P-A15AZ                   | Buy Micrel / Microchip Technology ATMEGA164P-A15AZ      |
| Micrel / Microchip Technology ATMEGA164P-A15AZ | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATMEGA164P-A15AZ | Microchip Technology ATMEGA164P-A15AZ  | Roving Networks / Microchip Technology ATMEGA164P-A15AZ |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                   |
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| <div>MICROCHIP</div> <div><b>ATMEGA164P-B15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 21808 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA164P-B15AZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 20950 pcs</div> <div>RFQ</div>          |
| <div>MICROCHIP</div> <div><b>ATMEGA164PA-ANR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 30000 pcs</div> <div>RFQ</div>          | <div>MICROCHIP</div> <div><b>ATMEGA164P-20PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 25212 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>ATMEGA164P-20MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 24761 pcs</div> <div>RFQ</div>         | <div></div> <div><b>ATMEGA164PA-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 32189 pcs</div> <div>RFQ</div>            |
| <div>MICROCHIP</div> <div><b>ATMEGA164P-20MQR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 25540 pcs</div> <div>RFQ</div>         | <div>MICROCHIP</div> <div><b>ATMEGA164P-20MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 52990 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>ATMEGA164P-20PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 25243 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div><b>ATMEGA164P-A15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 13031 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA164PA-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 46321 pcs</div> <div>RFQ</div>          | <div>MICROCHIP</div> <div><b>ATMEGA164P-20MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 28277 pcs</div> <div>RFQ</div>  |