



Microchip Technology



ATMEGA164PA-MCHR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA164PA-MCHR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 44QFN                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 31257 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

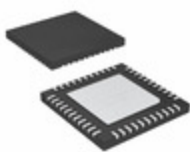
Specifications of ATMEGA164PA-MCHR

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA164PA-MCHR                                                                 |
| MANUFACTURER                     | Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44QFN                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 31257 pcs                                                                        |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                            |
| VOLTAGE - BREAKDOWN              | 44-QFN (5x5)                                                                     |
| 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-VQFN Exposed Pad                                                              |
| OTHER NAMES                      | 1611-ATMEGA164PA-MCHRDKR                                                         |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                |
| OPERATING SYSTEM                 | AVR                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| MANUFACTURER PART NUMBER         | ATMEGA164PA-MCHR                                                                 |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 16KB (8K x 16) FLASH 44-QFN (5x5) |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44QFN                                                     |
| 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 ATMEGA164PA-MCHR | ATMEGA164PA-MCHR Distributor           | ATMEGA164PA-MCHR Supplier                               |
| ATMEGA164PA-MCHR Price                         | ATMEGA164PA-MCHR Pictures              | ATMEGA164PA-MCHR Image                                  |
| ATMEGA164PA-MCHR PDF Datasheet                 | ATMEGA164PA-MCHR Download Datasheet    | ATMEGA164PA-MCHR Datasheet                              |
| ATMEGA164PA-MCHR Stock                         | Buy ATMEGA164PA-MCHR                   | Buy Micrel / Microchip Technology ATMEGA164PA-MCHR      |
| Micrel / Microchip Technology ATMEGA164PA-MCHR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATMEGA164PA-MCHR | Microchip Technology ATMEGA164PA-MCHR  | Roving Networks / Microchip Technology ATMEGA164PA-MCHR |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                          |
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| <div></div> <div><b>ATMEGA164PA-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 29019 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA164PA-MCHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 61430 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ATMEGA164PA-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 29633 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA164PA-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 28929 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ATMEGA164PA-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 49439 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA164PA-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 31222 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATMEGA164PA-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 26719 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA164PA-MCH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 28409 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATMEGA164PA-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 27192 pcs</div> <div>RFQ</div>         | <div></div> <div><b>ATMEGA164PA-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 24172 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ATMEGA164PA-MNR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 32612 pcs</div> <div>RFQ</div>          | <div></div> <div><b>ATMEGA164PA-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 47582 pcs</div> <div>RFQ</div> |