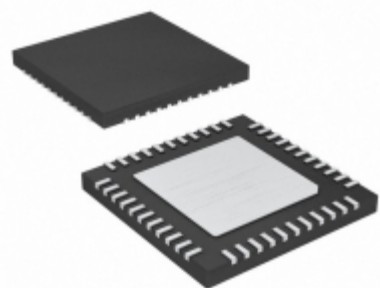


ATMEGA644PA-MNR



Images are for reference only.  
See Product Specifications for product details.  
**Buy ATMEGA644PA-MNR with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [ATMEGA644PA-MNR](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 64KB FLASH 44VQFN

**Data sheet:**  [ATMEGA164,324,644,1284\(A,P,P\) Summary](#)  
 [ATMEGA164,324,644,1284\(A,P,PA\) Datasheet](#)

**RoHs Status:** Lead free / RoHS Compliant

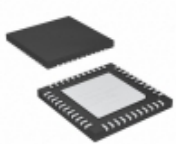
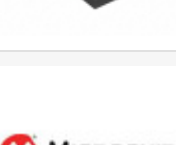
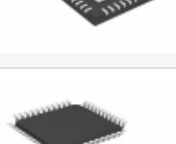
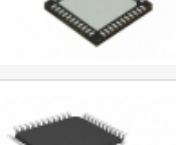
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER               |                                           |                                  |                                                                                                                    |
|---------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number                     | ATMEGA644PA-MNR                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                      |
| Description                     | IC MCU 8BIT 64KB FLASH 44VQFN             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                         |
| Quantity Available              | 24404 pcs                                 | Data sheet                       | <a href="#">ATMEGA164,324,644,1284(A,PA,P) Summary</a><br><a href="#">ATMEGA164,324,644,1284(A,P,PA) Datasheet</a> |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 5.5 V                                                                                                      |
| Supplier Device Package         | 44-VQFN (7x7)                             | Speed                            | 20MHz                                                                                                              |
| Series                          | AVR® Atmega                               | RAM Size                         | 4K x 8                                                                                                             |
| Program Memory Type             | FLASH                                     | Program Memory Size              | 64KB (32K x 16)                                                                                                    |
| Peripherals                     | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tape & Reel (TR)                                                                                                   |
| Package / Case                  | 44-VFQFN Exposed Pad                      | Other Names                      | ATMEGA644PA-MNR-ND<br>ATMEGA644PA-MNRTR<br>ATMEGA644PAMNR                                                          |
| Oscillator Type                 | Internal                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                                 |
| Number of I/O                   | 32                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                      |
| Manufacturer Standard Lead Time | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                         |
| EEPROM Size                     | 2K x 8                                    | Detailed Description             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 64KB (32K x 16) FLASH 44-VQFN (7x7)                                 |
| Data Converters                 | A/D 8x10b                                 | Core Size                        | 8-Bit                                                                                                              |
| Core Processor                  | AVR                                       | Connectivity                     | I²C, SPI, UART/USART                                                                                               |
| Base Part Number                | ATMEGA644                                 |                                  |                                                                                                                    |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 24404 pieces of Micrel / Microchip Technology ATMEGA644PA-MNR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: info@Components-World.com

| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATMEGA644PA-MN</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PV-10AQ</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644P-20PQ</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PV-10AQR</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644P-20PU</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644P-A15AZ</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PA-AUR</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PA-ANR</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644P-A15MZ</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PR212-AU</a><br>Description: IC RF TXRX+MCU 802.15.4 44-TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PA-AN</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PA-PU</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644P-20MUR</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PR212-MU</a><br>Description: IC RF TXRX+MCU 802.15.4/ISM     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PV-10AU</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PA-MU</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PA-AU</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PR231-MU</a><br>Description: IC RF TXRX+MCU 802.15.4/ISM     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PR231-AU</a><br>Description: IC RF TXRX+MCU 802.15.4 44-TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA644PA-MUR</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATMEGA644PA-MNR

|                                               |                                      |                                                           |                       |
|-----------------------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------|
| Micrel / Microchip Technology ATMEGA644PA-MNR | ATMEGA644PA-MNR distributor          | ATMEGA644PA-MNR supplier                                  | ATMEGA644PA-MNR price |
| ATMEGA644PA-MNR download datasheet            | ATMEGA644PA-MNR datasheet            | ATMEGA644PA-MNR stock                                     | buy ATMEGA644PA-MNR   |
| Micrel / Microchip Technology ATMEGA644PA-MNR | Microchip Technology ATMEGA644PA-MNR | Roving Networks / Microchip Technology<br>ATMEGA644PA-MNR |                       |