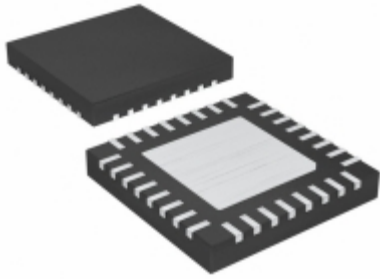


ATMEGA328PB-MU





Part Number:

ATMEGA328PB-MU

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 8BIT 32KB FLASH 32VQFN

Data sheet:

 ATmega328PB Complete

 ATmega328PB Summary

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

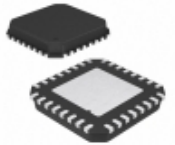
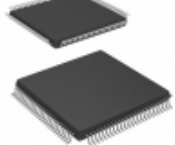
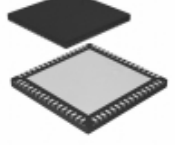
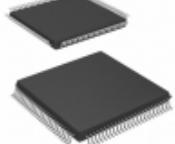
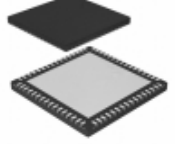
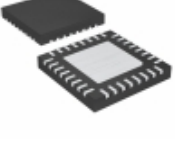
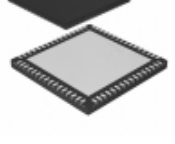
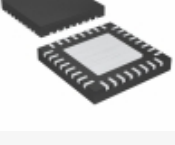
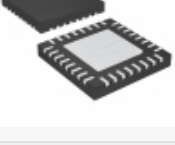
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |                                 |                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ATMEGA328PB-MU                                                                      | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 32KB FLASH 32VQFN                                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 87974 pcs                                                                           | Data sheet                      | <a href="#">ATmega328PB Complete</a><br><a href="#">ATmega328PB Summary</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                           | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 5.5 V                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 32-VFQFN (5x5)                                                                      | Speed                           | 20MHz                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AVR® ATmega                                                                         | RAM Size                        | 2K x 8                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                                                               | Program Memory Size             | 32KB (16K x 16)                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, POR, PWM, WDT                                               | Packaging                       | Tray                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32-VFQFN Exposed Pad                                                                | Oscillator Type                 | Internal                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C (TA)                                                                   | Number of I/O                   | 27                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                                                                       | Manufacturer Standard Lead Time | 6 Weeks                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                          | EEPROM Size                     | 1K x 8                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 32KB (16K x 16) FLASH 32-VFQFN (5x5) | Data Converters                 | A/D 8x10b                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-Bit                                                                               | Core Processor                  | AVR                                                                         |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I²C, SPI, UART/USART                                                                | Base Part Number                | ATMEGA328                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 87974 pieces of Micrel / Microchip Technology ATMEGA328PB-MU in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                     |                                 |                                                                             |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATMEGA329-16AI</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA329-16AU</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328P-MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 32VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328PB-AN</a><br>Description: IC MCU 8BIT 32KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328P-XMINI</a><br>Description: EVAL BOARD 8BIT MCU ATMEGA328P | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA329-16AUR</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA3290-16AI</a><br>Description: IC MCU 8BIT 32KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA329-16MI</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328PB-AU</a><br>Description: IC MCU 8BIT 32KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA3290-16AU</a><br>Description: IC MCU 8BIT 32KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA329-16MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328PB-AUR</a><br>Description: IC MCU 8BIT 32KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328PB-MN</a><br>Description: IC MCU 8BIT 32KB FLASH 32VFQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328P-PN</a><br>Description: IC MCU 8BIT 32KB FLASH 28DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA329-16MU</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328PB-XMINI</a><br>Description: EVAL KIT FOR ATMEGA328        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328PB-ANR</a><br>Description: IC MCU 8BIT 32KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328PB-MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328P-PU</a><br>Description: IC MCU 8BIT 32KB FLASH 28DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328PB-MNR</a><br>Description: IC MCU 8BIT 32KB FLASH 32VFQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATMEGA328PB-MU

|                                              |                                     |                                                          |                      |
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| ATMEGA328PB-MU download datasheet            | ATMEGA328PB-MU datasheet            | ATMEGA328PB-MU stock                                     | buy ATMEGA328PB-MU   |
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