

ATMEGA88PB-AUR



Part Number: [ATMEGA88PB-AUR](#)

Manufacturer [Micrel / Microchip Technology](#)

Description IC MCU 8BIT 8KB FLASH 32TQFP

Data sheet:  [ATmega48/88/168PB Summary](#)  
 [ATmega48/88/168PB Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

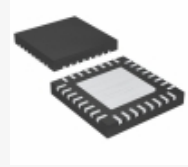
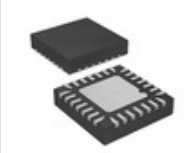
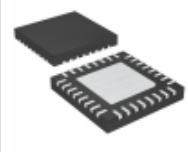
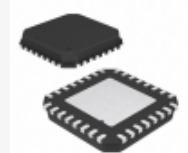
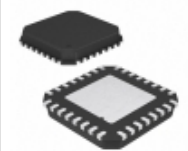
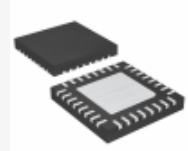
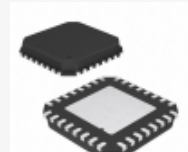
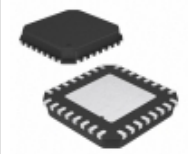
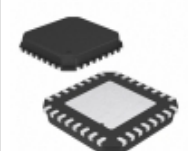
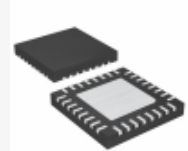
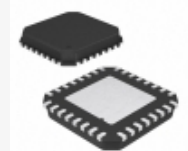
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | ATMEGA88PB-AUR                            | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 8KB FLASH 32TQFP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 64298 pcs                                 | Data sheet                       | <a href="#">ATmega48/88/168PB Summary</a><br><a href="#">ATmega48/88/168PB Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 5.5 V                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                 | 32-TQFP (7x7)                             | Speed                            | 20MHz                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                  | AVR® ATmega                               | RAM Size                         | 1K x 8                                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size              | 8KB (4K x 16)                                                                            |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Cut Tape (CT)                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                          | 32-TQFP                                   | Other Names                      | 1611-ATMEGA88PB-AURCT                                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                                         | 19 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                               |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                             | 512 x 8                                   | Detailed Description             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 8KB (4K x 16) FLASH 32-TQFP (7x7)         |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 8x10b                                 | Core Size                        | 8-Bit                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                          | AVR                                       | Connectivity                     | I²C, SPI, UART/USART                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 64298 pieces of Micrel / Microchip Technology ATMEGA88PB-AUR 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: info@Components-World.com |                                           |                                  |                                                                                          |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATMEGA88PV-10PU</a><br>Description: IC MCU 8BIT 8KB FLASH 28DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PB-MUR</a><br>Description: IC MCU 8BIT 8KB FLASH 32VFQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PA-MMUR</a><br>Description: IC MCU 8BIT 8KB FLASH 28VQFN  | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PB-ANR</a><br>Description: IC MCU 8BIT 8KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PB-MU</a><br>Description: IC MCU 8BIT 8KB FLASH 32VFQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PV-10MUR</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PA-MUR</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PB-MNR</a><br>Description: IC MCU 8BIT 8KB FLASH 32VFQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PB-AN</a><br>Description: IC MCU 8BIT 8KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PA-MN</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PA-PN</a><br>Description: IC MCU 8BIT 8KB FLASH 28DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PA-PU</a><br>Description: IC MCU 8BIT 8KB FLASH 28DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PV-10MU</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PB-AU</a><br>Description: IC MCU 8BIT 8KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ATMEGA88PA-MU</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PB-MN</a><br>Description: IC MCU 8BIT 8KB FLASH 32VFQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA88PV-10AUR</a><br>Description: IC MCU 8BIT 8KB FLASH 32TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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