

ATMEGA48PV-10AU





Part Number: [ATMEGA48PV-10AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 4KB FLASH 32TQFP

Data sheet:  [ATMEGA48/88/168\(P,PV\) Summary](#)  
 [ATMEGA48/88/168\(P,PV\) Complete](#)

RoHs Status: Lead free / RoHS Compliant

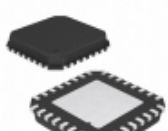
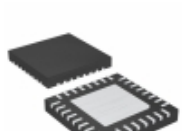
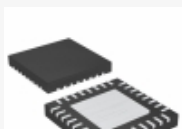
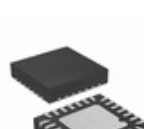
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ATMEGA48PV-10AU                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 4KB FLASH 32TQFP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 47263 pcs                                 | Data sheet                       | <a href="#">ATMEGA48/88/168(P,PV) Summary</a><br><a href="#">ATMEGA48/88/168(P,PV) Complete</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                            | 10MHz                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AVR® ATmega                               | RAM Size                         | 512 x 8                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size              | 4KB (2K x 16)                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tray                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32-TQFP                                   | Other Names                      | ATMEGA48PV10AU                                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                               |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 23                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                      |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 256 x 8                                   | Detailed Description             | AVR AVR® ATmega Microcontroller IC 8-Bit 10MHz 4KB (2K x 16) FLASH 32-TQFP (7x7)                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 8x10b                                 | Core Size                        | 8-Bit                                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AVR                                       | Connectivity                     | I²C, SPI, UART/USART                                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ATMEGA48                                  |                                  |                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 47263 pieces of Micrel / Microchip Technology ATMEGA48PV-10AU 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="#">ATMEGA48PB-AU</a><br>Description: IC MCU 8BIT 4KB FLASH 32TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PA-PN</a><br>Description: IC MCU 8BIT 4KB FLASH 28DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PB-AUR</a><br>Description: IC MCU 8BIT 4KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48V-10AU</a><br>Description: IC MCU 8BIT 4KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PB-AN</a><br>Description: IC MCU 8BIT 4KB FLASH 32TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PV-10MUR</a><br>Description: IC MCU 8BIT 4KB FLASH 32VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PB-MNR</a><br>Description: IC MCU 8BIT 4KB FLASH 32QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PB-MUR</a><br>Description: IC MCU 8BIT 4KB FLASH 32VFQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PV-10MMU</a><br>Description: IC MCU 8BIT 4KB FLASH 28VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PB-ANR</a><br>Description: IC MCU 8BIT 4KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PV-10AUR</a><br>Description: IC MCU 8BIT 4KB FLASH 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PB-MU</a><br>Description: IC MCU 8BIT 4KB FLASH 32VFQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PV-10MMUR</a><br>Description: IC MCU 8BIT 4KB FLASH 28VQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PV-10PU</a><br>Description: IC MCU 8BIT 4KB FLASH 28DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PV-10MU</a><br>Description: IC MCU 8BIT 4KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48V-10AI</a><br>Description: IC MCU 8BIT 4KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48V-10AUR</a><br>Description: IC MCU 8BIT 4KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PA-PU</a><br>Description: IC MCU 8BIT 4KB FLASH 28DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48PB-MN</a><br>Description: IC MCU 8BIT 4KB FLASH 32QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA48V-10AJ</a><br>Description: IC MCU 8BIT 4KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATMEGA48PV-10AU

|                                               |                                      |                                                           |                       |
|-----------------------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------|
| Micrel / Microchip Technology ATMEGA48PV-10AU | ATMEGA48PV-10AU distributor          | ATMEGA48PV-10AU supplier                                  | ATMEGA48PV-10AU price |
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