



Microchip Technology



ATMEGA48PA-MUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA48PA-MUR                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 4KB FLASH 32VQFN                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 76483 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

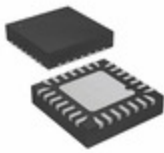
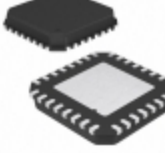
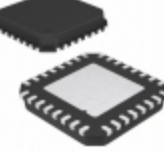
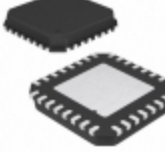
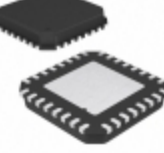
Specifications of ATMEGA48PA-MUR

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA48PA-MUR                                                                   |
| MANUFACTURER                     | Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 32VQFN                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 76483 pcs                                                                        |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                            |
| VOLTAGE - BREAKDOWN              | 32-VQFN (5x5)                                                                    |
| SERIES                           | AVR® ATmega                                                                      |
| ROHS STATUS                      | Digi-Reel®                                                                       |
| REVERSE RECOVERY TIME (TRR)      | 20MHz                                                                            |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                            |
| PROGRAM MEMORY TYPE              | 4KB (2K x 16)                                                                    |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                                             |
| POLARIZATION                     | 32-VFQFN Exposed Pad                                                             |
| OTHER NAMES                      | 1611-ATMEGA48PA-MURDKR                                                           |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                |
| OPERATING SYSTEM                 | AVR                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                    |
| MANUFACTURER PART NUMBER         | ATMEGA48PA-MUR                                                                   |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 4KB (2K x 16) FLASH 32-VQFN (5x5) |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 32VQFN                                                     |
| DATA SRAM BYTES                  | 256 x 8                                                                          |
| DATA CONVERTERS                  | 1.8 V ~ 5.5 V                                                                    |
| CORE SIZE                        | 512 x 8                                                                          |
| CONTROLLER SERIES                | Internal                                                                         |
| CONNECTIVITY                     | 8-Bit                                                                            |
| CLOCK RATE                       | 23                                                                               |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA48PA-MUR | ATMEGA48PA-MUR Distributor             | ATMEGA48PA-MUR Supplier                               |
| ATMEGA48PA-MUR Price                         | ATMEGA48PA-MUR Pictures                | ATMEGA48PA-MUR Image                                  |
| ATMEGA48PA-MUR PDF Datasheet                 | ATMEGA48PA-MUR Download Datasheet      | ATMEGA48PA-MUR Datasheet                              |
| ATMEGA48PA-MUR Stock                         | Buy ATMEGA48PA-MUR                     | Buy Micrel / Microchip Technology ATMEGA48PA-MUR      |
| Micrel / Microchip Technology ATMEGA48PA-MUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA48PA-MUR | Microchip Technology ATMEGA48PA-MUR    | Roving Networks / Microchip Technology ATMEGA48PA-MUR |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATMEGA48PA-MMNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 28VQFN<br/>In stock: 74000 pcs<br/><b>RFQ</b></div> |  <div><b>ATMEGA48PA-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 32VQFN<br/>In stock: 71946 pcs<br/><b>RFQ</b></div>  |
|  <div><b>ATMEGA48PB-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 32TQFP<br/>In stock: 84573 pcs<br/><b>RFQ</b></div>   |  <div><b>ATMEGA48PA-MNR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 32VQFN<br/>In stock: 79675 pcs<br/><b>RFQ</b></div>          |
|  <div><b>ATMEGA48PA-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 32VQFN<br/>In stock: 68603 pcs<br/><b>RFQ</b></div>   |  <div><b>ATMEGA48PA-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 32VQFN<br/>In stock: 68801 pcs<br/><b>RFQ</b></div> |
|  <div><b>ATMEGA48PA-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 32VQFN<br/>In stock: 95260 pcs<br/><b>RFQ</b></div>  |  <div><b>ATMEGA48PA-PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 28DIP<br/>In stock: 48256 pcs<br/><b>RFQ</b></div>   |
|  <div><b>ATMEGA48PA-MMNR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 28VQFN<br/>In stock: 56405 pcs<br/><b>RFQ</b></div>          |  <div><b>ATMEGA48PA-PN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 28DIP<br/>In stock: 102674 pcs<br/><b>RFQ</b></div>  |
|  <div><b>ATMEGA48PB-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 32TQFP<br/>In stock: 94504 pcs<br/><b>RFQ</b></div>   |  <div><b>ATMEGA48PB-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 32TQFP<br/>In stock: 93061 pcs<br/><b>RFQ</b></div> |