



ATMEGA88PA-MU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA88PA-MU                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 8KB FLASH 32VQFN                                                                                 |
|                     | <a href="#">PDF</a> 1.ATMEGA88PA-MU.pdf                                                                      |
|                     | <a href="#">PDF</a> 2.ATMEGA88PA-MU.pdf                                                                      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

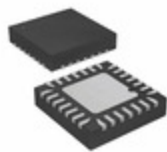
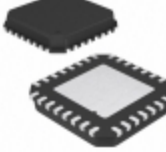
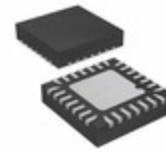
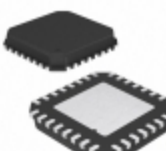
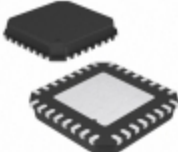
Specifications of ATMEGA88PA-MU

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA88PA-MU                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                      |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 32VQFN                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| DATA SHEET                       | <a href="#">PDF</a> 1.ATMEGA88PA-MU.pdf<br><a href="#">PDF</a> 2.ATMEGA88PA-MU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 32-VQFN (5x5)                                                                      |
| 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                        | Tray                                                                               |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                               |
| OTHER NAMES                      | ATMEGA88PAMU                                                                       |
| 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                      | 512 x 8                                                                            |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 8KB (4K x 16) FLASH 32-VQFN (5x5)   |
| DATA CONVERTERS                  | A/D 8x10b                                                                          |
| CORE SIZE                        | 8-Bit                                                                              |
| CORE PROCESSOR                   | AVR                                                                                |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                               |
| BASE PART NUMBER                 | ATMEGA88                                                                           |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA88PA-MU | ATMEGA88PA-MU Distributor              | ATMEGA88PA-MU Supplier                               |
| ATMEGA88PA-MU Price                         | ATMEGA88PA-MU Pictures                 | ATMEGA88PA-MU Image                                  |
| ATMEGA88PA-MU PDF Datasheet                 | ATMEGA88PA-MU Download Datasheet       | ATMEGA88PA-MU Datasheet                              |
| ATMEGA88PA-MU Stock                         | Buy ATMEGA88PA-MU                      | Buy Micrel / Microchip Technology ATMEGA88PA-MU      |
| Micrel / Microchip Technology ATMEGA88PA-MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATMEGA88PA-MU | Microchip Technology ATMEGA88PA-MU     | Roving Networks / Microchip Technology ATMEGA88PA-MU |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ATMEGA88PA-MMUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 28VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>ATMEGA88PA-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
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| <div></div> <div><b>ATMEGA88PA-PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ATMEGA88PA-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>ATMEGA88PA-PN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ATMEGA88PB-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>ATMEGA88PA-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ATMEGA88PB-AU</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>ATMEGA88PA-MMNR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 28VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>ATMEGA88PB-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |