



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATMEGA88V-10PI

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA88V-10PI                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 8KB FLASH 28DIP                                                                                          |
|                     |  1.ATMEGA88V-10PI.pdf               |
|                     |  2.ATMEGA88V-10PI.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

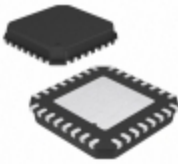
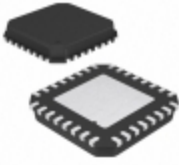
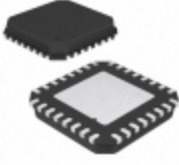
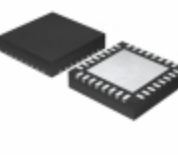
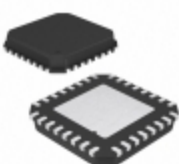
Specifications of ATMEGA88V-10PI

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA88V-10PI                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 28DIP                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| DATA SHEET                       |  1.ATMEGA88V-10PI.pdf<br> 2.ATMEGA88V-10PI.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 28-PDIP                                                                                                                                                                                                              |
| SPEED                            | 10MHz                                                                                                                                                                                                                |
| 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                        | Tube                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 28-DIP (0.300", 7.62mm)                                                                                                                                                                                              |
| OTHER NAMES                      | ATMEGA88V-12PI<br>ATMEGA88V-12PI-ND                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 23                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| EEPROM SIZE                      | 512 x 8                                                                                                                                                                                                              |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 10MHz 8KB (4K x 16) FLASH 28-PDIP                                                                                                                                           |
| DATA CONVERTERS                  | A/D 6x10b                                                                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                 |
| BASE PART NUMBER                 | ATMEGA88                                                                                                                                                                                                             |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA88V-10PI | ATMEGA88V-10PI Distributor             | ATMEGA88V-10PI Supplier                               |
| ATMEGA88V-10PI Price                         | ATMEGA88V-10PI Pictures                | ATMEGA88V-10PI Image                                  |
| ATMEGA88V-10PI PDF Datasheet                 | ATMEGA88V-10PI Download Datasheet      | ATMEGA88V-10PI Datasheet                              |
| ATMEGA88V-10PI Stock                         | Buy ATMEGA88V-10PI                     | Buy Micrel / Microchip Technology ATMEGA88V-10PI      |
| Micrel / Microchip Technology ATMEGA88V-10PI | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA88V-10PI | Microchip Technology ATMEGA88V-10PI    | Roving Networks / Microchip Technology ATMEGA88V-10PI |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
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|  <div><b>ATMEGA88V-10MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: 480 pcs<br/><div>RFQ</div></div>    |  <div><b>ATMEGA88V-10MU</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>           |
|  <div><b>ATMEGA88V-10PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 487 pcs<br/><div>RFQ</div></div>     |  <div><b>ATMEGA88V-10MJ</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><b>ATMEGA88V-10AUR</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><b>ATMEGA88V-10MUR</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><b>ATMEGA88V-15MT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>ATMEGA8A-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>    |
|  <div><b>ATMEGA88V-10PJ</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><b>ATMEGA88V-10MI</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><b>ATMEGA88V-15AT</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><b>ATMEGA8A-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: 728 pcs<br/><div>RFQ</div></div>       |