



Microchip Technology



ATMEGA88P-20AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA88P-20AUR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 8KB FLASH 32TQFP                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 41481 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

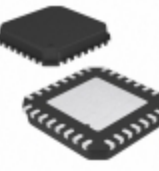
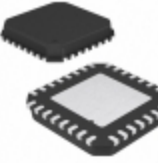
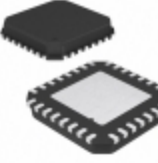
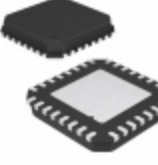
Specifications of ATMEGA88P-20AUR

|                                  |                                                                    |
|----------------------------------|--------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA88P-20AUR                                                    |
| MANUFACTURER                     | Microchip Technology                                               |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 32TQFP                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                         |
| QUANTITY AVAILABLE               | 41481 pcs                                                          |
| DATA SHEET                       |                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                              |
| SERIES                           | AVR® ATmega                                                        |
| REVERSE RECOVERY TIME (TRR)      | 20MHz                                                              |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                              |
| PROGRAM MEMORY TYPE              | 8KB (4K x 16)                                                      |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                               |
| OTHER NAMES                      | 1611-ATMEGA88P-20AURDKR                                            |
| OSCILLATOR TYPE                  | A/D 8x10b                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                  |
| OPERATING SYSTEM                 | AVR                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                      |
| MANUFACTURER PART NUMBER         | ATMEGA88P-20AUR                                                    |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 8KB (4K x 16) FLASH |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 32TQFP                                       |
| DATA SRAM BYTES                  | 512 x 8                                                            |
| DATA CONVERTERS                  | 2.7 V ~ 5.5 V                                                      |
| CORE SIZE                        | 1K x 8                                                             |
| CONTROLLER SERIES                | Internal                                                           |
| CONNECTIVITY                     | 8-Bit                                                              |
| CLOCK RATE                       | 23                                                                 |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA88P-20AUR | ATMEGA88P-20AUR Distributor            | ATMEGA88P-20AUR Supplier                               |
| ATMEGA88P-20AUR Price                         | ATMEGA88P-20AUR Pictures               | ATMEGA88P-20AUR Image                                  |
| ATMEGA88P-20AUR PDF Datasheet                 | ATMEGA88P-20AUR Download Datasheet     | ATMEGA88P-20AUR Datasheet                              |
| ATMEGA88P-20AUR Stock                         | Buy ATMEGA88P-20AUR                    | Buy Micrel / Microchip Technology ATMEGA88P-20AUR      |
| Micrel / Microchip Technology ATMEGA88P-20AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATMEGA88P-20AUR | Microchip Technology ATMEGA88P-20AUR   | Roving Networks / Microchip Technology ATMEGA88P-20AUR |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
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|  <div><b>ATMEGA88P-20AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: 34180 pcs<br/>RFQ</div>  |  <div><b>ATMEGA88PA-15AZ</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: 56425 pcs<br/>RFQ</div>          |
|  <div><b>ATMEGA88A-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: 72794 pcs<br/>RFQ</div>            |  <div><b>ATMEGA88A-PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 52154 pcs<br/>RFQ</div>     |
|  <div><b>ATMEGA88A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: 70993 pcs<br/>RFQ</div>    |  <div><b>ATMEGA88P-20MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: 42202 pcs<br/>RFQ</div>          |
|  <div><b>ATMEGA88P-20AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: 47082 pcs<br/>RFQ</div> |  <div><b>ATMEGA88A-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: 49651 pcs<br/>RFQ</div>   |
|  <div><b>ATMEGA88PA-15AZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: 5997 pcs<br/>RFQ</div>  |  <div><b>ATMEGA88P-20MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: 45052 pcs<br/>RFQ</div> |
|  <div><b>ATMEGA88P-20PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 33418 pcs<br/>RFQ</div>   |  <div><b>ATMEGA88P-20MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32VQFN<br/>In stock: 37113 pcs<br/>RFQ</div>  |