



ATMEGA1280V-8AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA1280V-8AUR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 128KB FLASH 100TQFP                                                                              |
| Datasheets:         |  1.ATMEGA1280V-8AUR.pdf     |
|                     |  2.ATMEGA1280V-8AUR.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9258 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

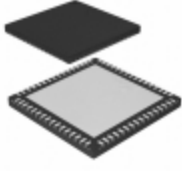
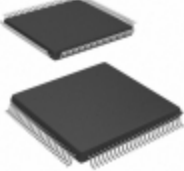
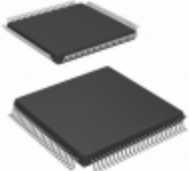
Specifications of ATMEGA1280V-8AUR

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA1280V-8AUR                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 100TQFP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 9258 pcs                                                                                                   |
| DATA SHEET                       |  1.ATMEGA1280V-8AUR.pdf |
|                                  |  2.ATMEGA1280V-8AUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                           |
| SPEED                            | 8MHz                                                                                                       |
| SERIES                           | AVR® ATmega                                                                                                |
| RAM SIZE                         | 8K x 8                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                      |
| PROGRAM MEMORY SIZE              | 128KB (64K x 16)                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                           |
| PACKAGE / CASE                   | 100-TQFP                                                                                                   |
| OTHER NAMES                      | ATMEGA1280V-8AUR-ND                                                                                        |
|                                  | ATMEGA1280V-8AURTR                                                                                         |
| OSCILLATOR TYPE                  | ATMEGA1280V8AUR                                                                                            |
|                                  | Internal                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                          |
| NUMBER OF I/O                    | 86                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| EEPROM SIZE                      | 4K x 8                                                                                                     |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 128KB (64K x 16) FLASH 100-TQFP (14x14)                      |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                 |
| CORE SIZE                        | 8-Bit                                                                                                      |
| CORE PROCESSOR                   | AVR                                                                                                        |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                                              |
| BASE PART NUMBER                 | ATMEGA1280                                                                                                 |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA1280V-8AUR | ATMEGA1280V-8AUR Distributor           | ATMEGA1280V-8AUR Supplier                               |
| ATMEGA1280V-8AUR Price                         | ATMEGA1280V-8AUR Pictures              | ATMEGA1280V-8AUR Image                                  |
| ATMEGA1280V-8AUR PDF Datasheet                 | ATMEGA1280V-8AUR Download Datasheet    | ATMEGA1280V-8AUR Datasheet                              |
| ATMEGA1280V-8AUR Stock                         | Buy ATMEGA1280V-8AUR                   | Buy Micrel / Microchip Technology ATMEGA1280V-8AUR      |
| Micrel / Microchip Technology ATMEGA1280V-8AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATMEGA1280V-8AUR | Microchip Technology ATMEGA1280V-8AUR  | Roving Networks / Microchip Technology ATMEGA1280V-8AUR |

Related Products

|                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                           |
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| <div></div> <div>ATMEGA1280V-8CUR</div> <div>Manufacturers: Microchip Technology</div> <div>Description: IC MCU 8BIT 128KB FLASH 100CBGA</div> <div>In stock: 9771 pcs</div> <div>RFQ</div>            | <div></div> <div>ATMEGA1280V-8CU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 128KB FLASH 100CBGA</div> <div>In stock: 7580 pcs</div> <div>RFQ</div>    |
| <div></div> <div>ATMEGA1280R231-CU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 100TFBGA</div> <div>In stock: 7032 pcs</div> <div>RFQ</div> | <div></div> <div>ATMEGA1280V-8CUR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 128KB FLASH 100CBGA</div> <div>In stock: 14383 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ATMEGA1280R212-CU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 100TFBGA</div> <div>In stock: 4107 pcs</div> <div>RFQ</div> | <div></div> <div>ATMEGA1280R212-AU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 100-TQFP</div> <div>In stock: 4954 pcs</div> <div>RFQ</div> |
| <div></div> <div>ATMEGA1281-16AUR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 128KB FLASH 64TQFP</div> <div>In stock: 14294 pcs</div> <div>RFQ</div>   | <div></div> <div>ATMEGA1281-16AU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 128KB FLASH 64TQFP</div> <div>In stock: 11842 pcs</div> <div>RFQ</div>    |
| <div></div> <div>ATMEGA1281-16MU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 128KB FLASH 64QFN</div> <div>In stock: 12234 pcs</div> <div>RFQ</div>     | <div></div> <div>ATMEGA1280R231-AU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 100-TQFP</div> <div>In stock: 5767 pcs</div> <div>RFQ</div> |
| <div></div> <div>ATMEGA1280V-8AU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 128KB FLASH 100TQFP</div> <div>In stock: 8165 pcs</div> <div>RFQ</div>    | <div></div> <div>ATMEGA1280-16CUR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 128KB FLASH 100CBGA</div> <div>In stock: 17736 pcs</div> <div>RFQ</div>  |