



Microchip Technology



ATMEGA2560V-8CUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA2560V-8CUR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 256KB FLASH 100CBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9044 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

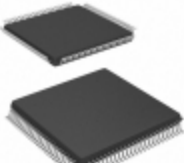
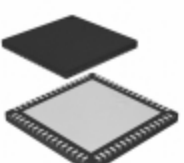
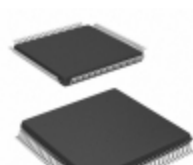
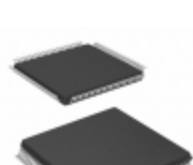
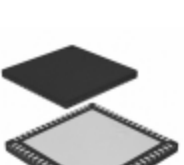
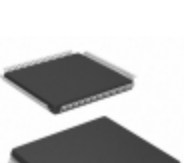
Specifications of ATMEGA2560V-8CUR

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA2560V-8CUR                                                      |
| MANUFACTURER                     | Microchip Technology                                                  |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 100CBGA                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                            |
| QUANTITY AVAILABLE               | 9044 pcs                                                              |
| DATA SHEET                       |                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                 |
| SERIES                           | AVR® ATmega                                                           |
| REVERSE RECOVERY TIME (TRR)      | 8MHz                                                                  |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                 |
| PROGRAM MEMORY TYPE              | 256KB (128K x 16)                                                     |
| PROGRAM MEMORY SIZE              | EBI/EMI, I²C, SPI, UART/USART                                         |
| OTHER NAMES                      | 1611-ATMEGA2560V-8CURDKR                                              |
| OSCILLATOR TYPE                  | A/D 16x10b                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                     |
| OPERATING SYSTEM                 | AVR                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                         |
| MANUFACTURER PART NUMBER         | ATMEGA2560V-8CUR                                                      |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 256KB (128K x 16) FLASH |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 100CBGA                                       |
| DATA SRAM BYTES                  | 4K x 8                                                                |
| DATA CONVERTERS                  | 1.8 V ~ 5.5 V                                                         |
| CORE SIZE                        | 8K x 8                                                                |
| CONTROLLER SERIES                | Internal                                                              |
| CONNECTIVITY                     | 8-Bit                                                                 |
| CLOCK RATE                       | 86                                                                    |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA2560V-8CUR | ATMEGA2560V-8CUR Distributor           | ATMEGA2560V-8CUR Supplier                               |
| ATMEGA2560V-8CUR Price                         | ATMEGA2560V-8CUR Pictures              | ATMEGA2560V-8CUR Image                                  |
| ATMEGA2560V-8CUR PDF Datasheet                 | ATMEGA2560V-8CUR Download Datasheet    | ATMEGA2560V-8CUR Datasheet                              |
| ATMEGA2560V-8CUR Stock                         | Buy ATMEGA2560V-8CUR                   | Buy Micrel / Microchip Technology ATMEGA2560V-8CUR      |
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Related Products

|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                      |
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| <div><div>ATMEGA2560V-8CU</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 100CBGA</div><div>In stock: 8143 pcs</div><div>RFQ</div></div>    | <div><div>ATMEGA2560V-8AU</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 100TQFP</div><div>In stock: 8524 pcs</div><div>RFQ</div></div>    |
| <div><div>ATMEGA2561-16AI</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 64TQFP</div><div>In stock: 4216 pcs</div><div>RFQ</div></div>     | <div><div>ATMEGA2561-16MU</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 64QFN</div><div>In stock: 7623 pcs</div><div>RFQ</div></div>      |
| <div><div>ATMEGA2560V-8AI</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 100TQFP</div><div>In stock: 5076 pcs</div><div>RFQ</div></div>    | <div><div>ATMEGA2561-16AU</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 64TQFP</div><div>In stock: 6854 pcs</div><div>RFQ</div></div>     |
| <div><div>ATMEGA2560V-8CUR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 100CBGA</div><div>In stock: 7739 pcs</div><div>RFQ</div></div>   | <div><div>ATMEGA2560R231-CU</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC RF TXRX+MCU 802.15.4 100TFBGA</div><div>In stock: 5685 pcs</div><div>RFQ</div></div> |
| <div><div>ATMEGA2560R231-AU</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC RF TXRX+MCU 802.15.4 100-TQFP</div><div>In stock: 5604 pcs</div><div>RFQ</div></div> | <div><div>ATMEGA2561-16MI</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 64QFN</div><div>In stock: 3450 pcs</div><div>RFQ</div></div>      |
| <div><div>ATMEGA2561-16AUR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 64TQFP</div><div>In stock: 6635 pcs</div><div>RFQ</div></div>    | <div><div>ATMEGA2560V-8AU</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 256KB FLASH 100TQFP</div><div>In stock: 7167 pcs</div><div>RFQ</div></div>    |