

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATMEGA2560V-8AI

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA2560V-8AI                                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 256KB FLASH 100TQFP                                                                                      |
|                     | <a href="#">PDF</a> 1.ATMEGA2560V-8AI.pdf                                                                            |
|                     | <a href="#">PDF</a> 2.ATMEGA2560V-8AI.pdf                                                                            |
| Datasheets:         |                                                                                                                      |
| RoHS Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

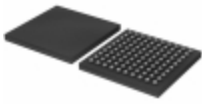
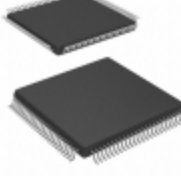
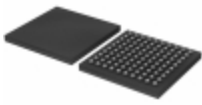
Specifications of ATMEGA2560V-8AI

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA2560V-8AI                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                          |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 100TQFP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                     |
| DATA SHEET                       | <a href="#">PDF</a> 1.ATMEGA2560V-8AI.pdf<br><a href="#">PDF</a> 2.ATMEGA2560V-8AI.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              | 256KB (128K x 16)                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                  |
| PACKAGING                        | Tray                                                                                   |
| PACKAGE / CASE                   | 100-TQFP                                                                               |
| OSCILLATOR TYPE                  | 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   | Contains lead / RoHS non-compliant                                                     |
| EEPROM SIZE                      | 4K x 8                                                                                 |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 256KB (128K 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                 | ATMEGA2560                                                                             |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA2560V-8AI | ATMEGA2560V-8AI Distributor            | ATMEGA2560V-8AI Supplier                               |
| ATMEGA2560V-8AI Price                         | ATMEGA2560V-8AI Pictures               | ATMEGA2560V-8AI Image                                  |
| ATMEGA2560V-8AI PDF Datasheet                 | ATMEGA2560V-8AI Download Datasheet     | ATMEGA2560V-8AI Datasheet                              |
| ATMEGA2560V-8AI Stock                         | Buy ATMEGA2560V-8AI                    | Buy Micrel / Microchip Technology ATMEGA2560V-8AI      |
| Micrel / Microchip Technology ATMEGA2560V-8AI | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATMEGA2560V-8AI | Microchip Technology ATMEGA2560V-8AI   | Roving Networks / Microchip Technology ATMEGA2560V-8AI |

Related Products

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|  <div><b>ATMEGA2561-16AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |  <div><b>ATMEGA2560V-8CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 100CBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>ATMEGA2560V-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 100TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>ATMEGA2560R231-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 100-TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>ATMEGA2560V-8AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 100TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>ATMEGA2560-16CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 100CBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>ATMEGA2560-16CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 100CBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>            |  <div><b>ATMEGA2560V-8CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 100CBGA<br/>In stock: 289 pcs<br/><a href="#">RFQ</a></div>      |
|  <div><b>ATMEGA2560R212-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 100-TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>ATMEGA2560R231-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 100TFBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>ATMEGA2560R212-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 100TFBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>ATMEGA2560V-8CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 100CBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>            |