



ATMEGA2561V-8MU

|                     |                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA2561V-8MU                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                      |
| Product description | IC MCU 8BIT 256KB FLASH 64QFN                                                                                                                                                                                      |
| Datasheets:         |  1.ATMEGA2561V-8MU.pdf<br> 2.ATMEGA2561V-8MU.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                       |
| Stock Condition     | 7349 pcs stock                                                                                                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                              |

REQUEST FOR QUOTATION

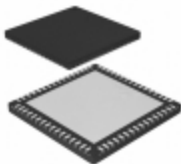
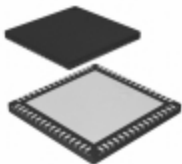
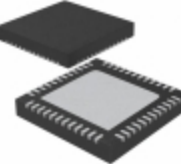
Specifications of ATMEGA2561V-8MU

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA2561V-8MU                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 64QFN                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 7349 pcs                                                                                                                                                                                                               |
| DATA SHEET                       |  1.ATMEGA2561V-8MU.pdf<br> 2.ATMEGA2561V-8MU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                           |
| 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                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                   |
| OTHER NAMES                      | ATMEGA2561V8MU                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 54                                                                                                                                                                                                                     |
| 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 256KB (128K x 16) FLASH 64-QFN (9x9)                                                                                                                                     |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                    |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                                                                                                                                                          |
| BASE PART NUMBER                 | ATMEGA2561                                                                                                                                                                                                             |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA2561V-8MU | ATMEGA2561V-8MU Distributor            | ATMEGA2561V-8MU Supplier                               |
| ATMEGA2561V-8MU Price                         | ATMEGA2561V-8MU Pictures               | ATMEGA2561V-8MU Image                                  |
| ATMEGA2561V-8MU PDF Datasheet                 | ATMEGA2561V-8MU Download Datasheet     | ATMEGA2561V-8MU Datasheet                              |
| ATMEGA2561V-8MU Stock                         | Buy ATMEGA2561V-8MU                    | Buy Micrel / Microchip Technology ATMEGA2561V-8MU      |
| Micrel / Microchip Technology ATMEGA2561V-8MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATMEGA2561V-8MU | Microchip Technology ATMEGA2561V-8MU   | Roving Networks / Microchip Technology ATMEGA2561V-8MU |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>ATMEGA2561V-8MI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 3798 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>ATMEGA2561V-8MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 10201 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>ATMEGA2564RFR2-ZU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 15674 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATMEGA2561V-8AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 3852 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>ATMEGA2564RFR2-ZFR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 31384 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATMEGA2564RFR2-ZUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 19877 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATMEGA2561V-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 9469 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>ATMEGA2564RFR2-ZF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 15516 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATMEGA2561R231-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4/ISM TQFP<br/>In stock: 3743 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATMEGA2561V-8AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 8920 pcs<br/><div>RFQ</div></div>               |
| <div></div> <div><b>ATMEGA2564RFR2-ZFR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 18307 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>ATMEGA2561V-8AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 7929 pcs<br/><div>RFQ</div></div>       |