



ATMEGA2561V-8MUR

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

REQUEST FOR QUOTATION

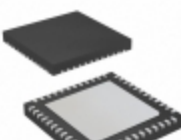
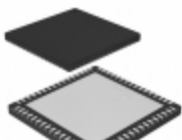
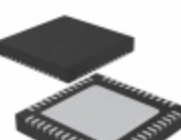
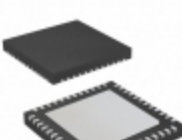
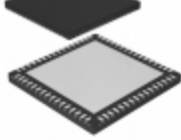
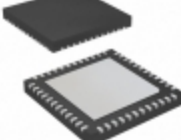
Specifications of ATMEGA2561V-8MUR

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA2561V-8MUR                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                            |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 64QFN                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| DATA SHEET                       | <a href="#">PDF 1.ATMEGA2561V-8MUR.pdf</a><br><a href="#">PDF 2.ATMEGA2561V-8MUR.pdf</a> |
| 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                        | Tape & Reel (TR)                                                                         |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                     |
| OTHER NAMES                      | ATMEGA2561V-8MUR-ND<br>ATMEGA2561V-8MURTR<br>ATMEGA2561V8MUR                             |
| OSCILLATOR TYPE                  | Internal                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                        |
| NUMBER OF I/O                    | 54                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                  |
| 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-8MUR | ATMEGA2561V-8MUR Distributor           | ATMEGA2561V-8MUR Supplier                               |
| ATMEGA2561V-8MUR Price                         | ATMEGA2561V-8MUR Pictures              | ATMEGA2561V-8MUR Image                                  |
| ATMEGA2561V-8MUR PDF Datasheet                 | ATMEGA2561V-8MUR Download Datasheet    | ATMEGA2561V-8MUR Datasheet                              |
| ATMEGA2561V-8MUR Stock                         | Buy ATMEGA2561V-8MUR                   | Buy Micrel / Microchip Technology ATMEGA2561V-8MUR      |
| Micrel / Microchip Technology ATMEGA2561V-8MUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATMEGA2561V-8MUR | Microchip Technology ATMEGA2561V-8MUR  | Roving Networks / Microchip Technology ATMEGA2561V-8MUR |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATMEGA2561V-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>ATMEGA256RFR2-XPRO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: XPLAINED PRO EVAL KIT<br/>In stock: 9 pcs<br/>RFQ</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: Out stock<br/>RFQ</div> |  <div><b>ATMEGA2561V-8MI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</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: Out stock<br/>RFQ</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: 351 pcs<br/>RFQ</div> |
|  <div><b>ATMEGA2561V-8AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>ATMEGA2561V-8AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 13 pcs<br/>RFQ</div>              |
|  <div><b>ATMEGA2561V-8MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</div>       |  <div><b>ATMEGA2564RFR2-ZFR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: Out stock<br/>RFQ</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: Out stock<br/>RFQ</div>  |  <div><b>ATMEGA2561V-8AU</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>            |