

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATMEGA2561-16AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA2561-16AUR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 256KB FLASH 64TQFP                                                                               |
| Datasheets:         |  1.ATMEGA2561-16AUR.pdf     |
|                     |  2.ATMEGA2561-16AUR.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6635 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

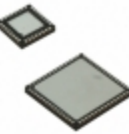
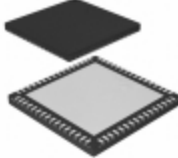
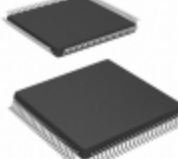
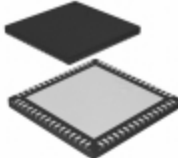
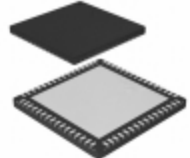
Specifications of ATMEGA2561-16AUR

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA2561-16AUR                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 64TQFP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 6635 pcs                                                                                                   |
| DATA SHEET                       |  1.ATMEGA2561-16AUR.pdf |
|                                  |  2.ATMEGA2561-16AUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                            |
| SPEED                            | 16MHz                                                                                                      |
| 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                        | Original-Reel®                                                                                             |
| PACKAGE / CASE                   | 64-TQFP                                                                                                    |
| OTHER NAMES                      | ATMEGA2561-16AURDKR                                                                                        |
| 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 16MHz 256KB (128K x 16) FLASH 64-TQFP (14x14)                     |
| 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 ATMEGA2561-16AUR | ATMEGA2561-16AUR Distributor           | ATMEGA2561-16AUR Supplier                               |
| ATMEGA2561-16AUR Price                         | ATMEGA2561-16AUR Pictures              | ATMEGA2561-16AUR Image                                  |
| ATMEGA2561-16AUR PDF Datasheet                 | ATMEGA2561-16AUR Download Datasheet    | ATMEGA2561-16AUR Datasheet                              |
| ATMEGA2561-16AUR Stock                         | Buy ATMEGA2561-16AUR                   | Buy Micrel / Microchip Technology ATMEGA2561-16AUR      |
| Micrel / Microchip Technology ATMEGA2561-16AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
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Related Products

|                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                    |
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| <div>MICROCHIP</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>ATMEGA2561R212-MU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4/ISM TQFP</div> <div>In stock: 6296 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>ATMEGA2561-16AI</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>MICROCHIP</div> <div>ATMEGA2561-16MUR</div> <div>Manufacturers: Microchip Technology</div> <div>Description: IC MCU 8BIT 256KB FLASH 64QFN</div> <div>In stock: 10990 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>MICROCHIP</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>MICROCHIP</div> <div>ATMEGA2561R212-AU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4/ISM TQFP</div> <div>In stock: 6589 pcs</div> <div>RFQ</div> |
| <div></div> <div>ATMEGA2560V-8AUR</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>MICROCHIP</div> <div>ATMEGA2560V-8CUR</div> <div>Manufacturers: Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4/ISM TQFP</div> <div>In stock: 9044 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>ATMEGA2561-16MUR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 256KB FLASH 64QFN</div> <div>In stock: 8529 pcs</div> <div>RFQ</div>              |