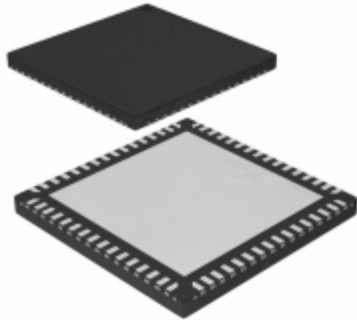


ATMEGA64L-8MUR





Part Number: [ATMEGA64L-8MUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 64QFN

Data sheet:  [ATmega64,L](#)  
 [ATmega64\(L\) Summary](#)

RoHs Status: Lead free / RoHS Compliant

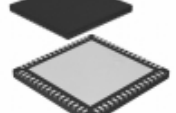
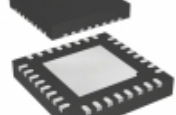
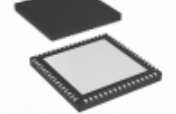
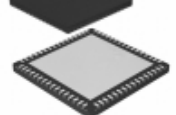
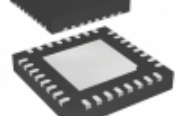
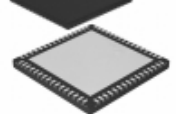
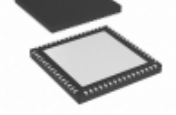
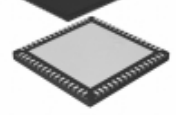
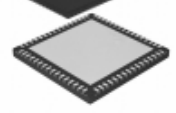
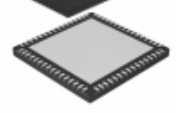
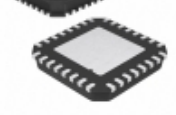
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ATMEGA64L-8MUR                            | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 64KB FLASH 64QFN              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15061 pcs                                 | Data sheet                       | <a href="#">ATmega64,L</a><br><a href="#">ATmega64(L) Summary</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 64-QFN (9x9)                              | Speed                            | 8MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AVR® ATmega                               | RAM Size                         | 4K x 8                                                                           |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                     | Program Memory Size              | 64KB (32K x 16)                                                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tape & Reel (TR)                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 64-VFQFN Exposed Pad                      | Other Names                      | ATMEGA64L-8MUR-ND<br>ATMEGA64L-8MURTR<br>ATMEGA64L8MUR                           |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 53                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                       |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2K x 8                                    | Detailed Description             | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 64KB (32K x 16) FLASH 64-QFN (9x9) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A/D 8x10b                                 | Core Size                        | 8-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AVR                                       | Connectivity                     | I²C, SPI, UART/USART                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ATMEGA64                                  |                                  |                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATMEGA64L-8AU</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64M1-AU</a><br>Description: IC MCU 8BIT 64KB FLASH 32TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64L-8AUR</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64RFR2-ZF</a><br>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64M1-15AZ</a><br>Description: IC MCU 8BIT 64KB FLASH 32TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64L-8MI</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64M1-15MD</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64L-8AQR</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64RFR2-ZUR</a><br>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64L-8MC</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64M1-15MZ</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64L-8MQR</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64M1-15AD</a><br>Description: IC MCU 8BIT 64KB FLASH 32TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64RFR2-ZU</a><br>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64L-8AQ</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64RFR2-ZFR</a><br>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64L-8MU</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64L-8MQ</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64L-8MJ</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA64M1-MU</a><br>Description: IC MCU 8BIT 64KB FLASH 32VQFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                              |                                     |                                                          |                      |
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