



### ATMEGA64L-8AQR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA64L-8AQR                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 64KB FLASH 64TQFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 13327 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

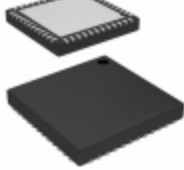
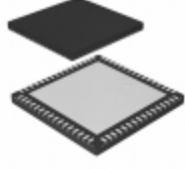
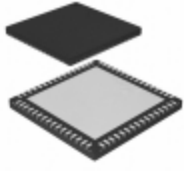
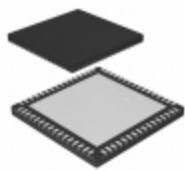
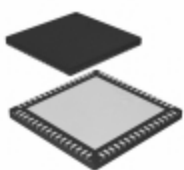
#### Specifications of ATMEGA64L-8AQR

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA64L-8AQR                                                      |
| MANUFACTURER                     | Microchip Technology                                                |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 64TQFP                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                          |
| QUANTITY AVAILABLE               | 13327 pcs                                                           |
| DATA SHEET                       |                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                               |
| SERIES                           | AVR® ATmega                                                         |
| REVERSE RECOVERY TIME (TRR)      | 8MHz                                                                |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                               |
| PROGRAM MEMORY TYPE              | 64KB (32K x 16)                                                     |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                                |
| OTHER NAMES                      | 1611-ATMEGA64L-8AQRDKR                                              |
| OSCILLATOR TYPE                  | A/D 8x10b                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                  |
| OPERATING SYSTEM                 | AVR                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                       |
| MANUFACTURER PART NUMBER         | ATMEGA64L-8AQR                                                      |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 64KB (32K x 16) FLASH |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 64TQFP                                       |
| DATA SRAM BYTES                  | 2K x 8                                                              |
| DATA CONVERTERS                  | 2.7 V ~ 5.5 V                                                       |
| CORE SIZE                        | 4K x 8                                                              |
| CONTROLLER SERIES                | Internal                                                            |
| CONNECTIVITY                     | 8-Bit                                                               |
| CLOCK RATE                       | 53                                                                  |

#### Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA64L-8AQR | ATMEGA64L-8AQR Distributor             | ATMEGA64L-8AQR Supplier                               |
| ATMEGA64L-8AQR Price                         | ATMEGA64L-8AQR Pictures                | ATMEGA64L-8AQR Image                                  |
| ATMEGA64L-8AQR PDF Datasheet                 | ATMEGA64L-8AQR Download Datasheet      | ATMEGA64L-8AQR Datasheet                              |
| ATMEGA64L-8AQR Stock                         | Buy ATMEGA64L-8AQR                     | Buy Micrel / Microchip Technology ATMEGA64L-8AQR      |
| Micrel / Microchip Technology ATMEGA64L-8AQR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA64L-8AQR | Microchip Technology ATMEGA64L-8AQR    | Roving Networks / Microchip Technology ATMEGA64L-8AQR |

#### Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATMEGA64L-8AJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 6430 pcs</div> <div>RFQ</div>   |  <div><b>ATMEGA64HVE2-PLQW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 48QFN<br/>In stock: 4485 pcs</div> <div>RFQ</div> |
|  <div><b>ATMEGA64L-8MI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 5947 pcs</div> <div>RFQ</div>    |  <div><b>ATMEGA64L-8AQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 12618 pcs</div> <div>RFQ</div>   |
|  <div><b>ATMEGA64L-8AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 13050 pcs</div> <div>RFQ</div>  |  <div><b>ATMEGA64L-8MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 3186 pcs</div> <div>RFQ</div>     |
|  <div><b>ATMEGA64L-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 13489 pcs</div> <div>RFQ</div> |  <div><b>ATMEGA64L-8AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 5851 pcs</div> <div>RFQ</div>    |
|  <div><b>ATMEGA64L-8MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 14498 pcs</div> <div>RFQ</div>   |  <div><b>ATMEGA64L-8AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 4486 pcs</div> <div>RFQ</div>    |
|  <div><b>ATMEGA64L-8AQR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 12218 pcs</div> <div>RFQ</div> |  <div><b>ATMEGA64L-8MJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 3177 pcs</div> <div>RFQ</div>     |