



Microchip Technology



### ATMEGA169A-MCHR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA169A-MCHR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 64QFN                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 32288 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

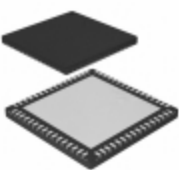
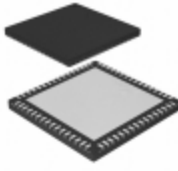
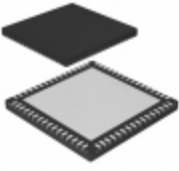
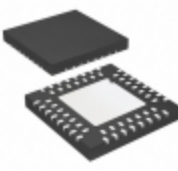
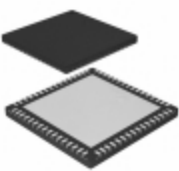
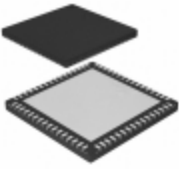
#### Specifications of ATMEGA169A-MCHR

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA169A-MCHR                                                                  |
| MANUFACTURER                     | Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 64QFN                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 32288 pcs                                                                        |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                            |
| VOLTAGE - BREAKDOWN              | 64-QFN (7x7)                                                                     |
| SERIES                           | AVR® ATmega                                                                      |
| ROHS STATUS                      | Digi-Reel®                                                                       |
| REVERSE RECOVERY TIME (TRR)      | 16MHz                                                                            |
| REQUIRES                         | Brown-out Detect/Reset, LCD, POR, PWM, WDT                                       |
| PROGRAM MEMORY TYPE              | 16KB (8K x 16)                                                                   |
| PROGRAM MEMORY SIZE              | SPI, UART/USART, USI                                                             |
| POLARIZATION                     | 64-VQFN Dual Rows Exposed Pad                                                    |
| OTHER NAMES                      | 1611-ATMEGA169A-MCHRDKR                                                          |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                |
| OPERATING SYSTEM                 | AVR                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| MANUFACTURER PART NUMBER         | ATMEGA169A-MCHR                                                                  |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 16KB (8K x 16) FLASH 64-QFN (7x7) |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 64QFN                                                     |
| DATA SRAM BYTES                  | 512 x 8                                                                          |
| DATA CONVERTERS                  | 1.8 V ~ 5.5 V                                                                    |
| CORE SIZE                        | 1K x 8                                                                           |
| CONTROLLER SERIES                | Internal                                                                         |
| CONNECTIVITY                     | 8-Bit                                                                            |
| CLOCK RATE                       | 54                                                                               |

#### Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA169A-MCHR | ATMEGA169A-MCHR Distributor            | ATMEGA169A-MCHR Supplier                               |
| ATMEGA169A-MCHR Price                         | ATMEGA169A-MCHR Pictures               | ATMEGA169A-MCHR Image                                  |
| ATMEGA169A-MCHR PDF Datasheet                 | ATMEGA169A-MCHR Download Datasheet     | ATMEGA169A-MCHR Datasheet                              |
| ATMEGA169A-MCHR Stock                         | Buy ATMEGA169A-MCHR                    | Buy Micrel / Microchip Technology ATMEGA169A-MCHR      |
| Micrel / Microchip Technology ATMEGA169A-MCHR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATMEGA169A-MCHR | Microchip Technology ATMEGA169A-MCHR   | Roving Networks / Microchip Technology ATMEGA169A-MCHR |

#### Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                        |
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| <div></div> <div><b>ATMEGA169A-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 32177 pcs</div> <div>RFQ</div>         | <div></div> <div><b>ATMEGA169A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 26065 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATMEGA169L-4MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 5858 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA169-16MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 5965 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATMEGA169A-MCHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 6488 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA169-16AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 3322 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ATMEGA169A-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 32141 pcs</div> <div>RFQ</div>          | <div></div> <div><b>ATMEGA169A-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 34718 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ATMEGA169A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 30493 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA169A-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 33142 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA169L-4AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 5157 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA169-16MI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 6613 pcs</div> <div>RFQ</div>   |