



ATMEGA328-MMHR

|                     |                               |
|---------------------|-------------------------------|
| Part Number:        | ATMEGA328-MMHR                |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description | IC MCU 8BIT 32KB FLASH 28VQFN |
| Datasheets:         |                               |
| RoHs Status         | Lead free / RoHS Compliant    |
| Stock Condition     | 50163 pcs stock               |
| Ship From           | Hong Kong                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS         |

REQUEST FOR QUOTATION

Specifications of ATMEGA328-MMHR

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA328-MMHR                                                                     |
| MANUFACTURER                     | Microchip Technology                                                               |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 28VQFN                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 50163 pcs                                                                          |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                              |
| VOLTAGE - BREAKDOWN              | 28-VQFN (4x4)                                                                      |
| SERIES                           | AVR® ATmega                                                                        |
| ROHS STATUS                      | Digi-Reel®                                                                         |
| REVERSE RECOVERY TIME (TRR)      | 20MHz                                                                              |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                              |
| PROGRAM MEMORY TYPE              | 32KB (16K x 16)                                                                    |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                                               |
| POLARIZATION                     | 28-VFQFN Exposed Pad                                                               |
| OTHER NAMES                      | 1611-ATMEGA328-MMHRDKR                                                             |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                  |
| OPERATING SYSTEM                 | AVR                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                      |
| MANUFACTURER PART NUMBER         | ATMEGA328-MMHR                                                                     |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 32KB (16K x 16) FLASH 28-VQFN (4x4) |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 28VQFN                                                      |
| DATA SRAM BYTES                  | 1K x 8                                                                             |
| DATA CONVERTERS                  | 1.8 V ~ 5.5 V                                                                      |
| CORE SIZE                        | 2K x 8                                                                             |
| CONTROLLER SERIES                | Internal                                                                           |
| CONNECTIVITY                     | 8-Bit                                                                              |
| CLOCK RATE                       | 23                                                                                 |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA328-MMHR | ATMEGA328-MMHR Distributor             | ATMEGA328-MMHR Supplier                               |
| ATMEGA328-MMHR Price                         | ATMEGA328-MMHR Pictures                | ATMEGA328-MMHR Image                                  |
| ATMEGA328-MMHR PDF Datasheet                 | ATMEGA328-MMHR Download Datasheet      | ATMEGA328-MMHR Datasheet                              |
| ATMEGA328-MMHR Stock                         | Buy ATMEGA328-MMHR                     | Buy Micrel / Microchip Technology ATMEGA328-MMHR      |
| Micrel / Microchip Technology ATMEGA328-MMHR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA328-MMHR | Microchip Technology ATMEGA328-MMHR    | Roving Networks / Microchip Technology ATMEGA328-MMHR |

Related Products

|                                                                                                                                                                  |                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>ATMEGA328-MMH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28VQFN<br/>In stock: 52203 pcs</p> <p>RFQ</p>   | <p><b>ATMEGA328-MMHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28VQFN<br/>In stock: 49292 pcs</p> <p>RFQ</p> |
| <p><b>ATMEGA328-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/>In stock: 47603 pcs</p> <p>RFQ</p>    | <p><b>ATMEGA325V-8MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 22297 pcs</p> <p>RFQ</p>          |
| <p><b>ATMEGA328P-15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 21395 pcs</p> <p>RFQ</p>  | <p><b>ATMEGA328-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/>In stock: 59510 pcs</p> <p>RFQ</p>  |
| <p><b>ATMEGA328-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32VQFN<br/>In stock: 44854 pcs</p> <p>RFQ</p>    | <p><b>ATMEGA328-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32VQFN<br/>In stock: 62198 pcs</p> <p>RFQ</p>  |
| <p><b>ATMEGA325V-8MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 20700 pcs</p> <p>RFQ</p>   | <p><b>ATMEGA328-PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28DIP<br/>In stock: 52648 pcs</p> <p>RFQ</p>    |
| <p><b>ATMEGA328P-15AZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/>In stock: 23756 pcs</p> <p>RFQ</p> | <p><b>ATMEGA325V-8MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 18373 pcs</p> <p>RFQ</p> |