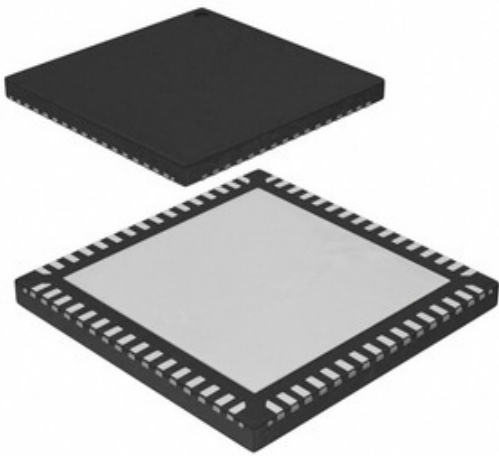




Micrel / Microchip Technology



ATMEGA329-16MU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA329-16MU                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 64QFN                                                                                 |
|                     | <a href="#">PDF</a> 1.ATMEGA329-16MU.pdf                                                                     |
|                     | <a href="#">PDF</a> 2.ATMEGA329-16MU.pdf                                                                     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

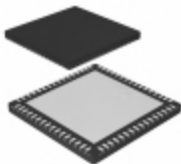
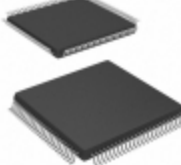
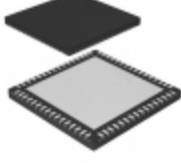
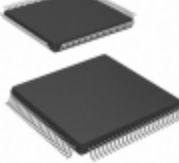
Specifications of ATMEGA329-16MU

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA329-16MU                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                        |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64QFN                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| DATA SHEET                       | <a href="#">PDF</a> 1.ATMEGA329-16MU.pdf<br><a href="#">PDF</a> 2.ATMEGA329-16MU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                         |
| SPEED                            | 16MHz                                                                                |
| SERIES                           | AVR® ATmega                                                                          |
| RAM SIZE                         | 2K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, LCD, POR, PWM, WDT                                           |
| PACKAGING                        | Tray                                                                                 |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                 |
| OTHER NAMES                      | ATMEGA32916MU                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF I/O                    | 54                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| EEPROM SIZE                      | 1K x 8                                                                               |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 32KB (16K x 16) FLASH 64-QFN (9x9)    |
| DATA CONVERTERS                  | A/D 8x10b                                                                            |
| CORE SIZE                        | 8-Bit                                                                                |
| CORE PROCESSOR                   | AVR                                                                                  |
| CONNECTIVITY                     | SPI, UART/USART, USI                                                                 |
| BASE PART NUMBER                 | ATMEGA329                                                                            |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA329-16MU | ATMEGA329-16MU Distributor             | ATMEGA329-16MU Supplier                               |
| ATMEGA329-16MU Price                         | ATMEGA329-16MU Pictures                | ATMEGA329-16MU Image                                  |
| ATMEGA329-16MU PDF Datasheet                 | ATMEGA329-16MU Download Datasheet      | ATMEGA329-16MU Datasheet                              |
| ATMEGA329-16MU Stock                         | Buy ATMEGA329-16MU                     | Buy Micrel / Microchip Technology ATMEGA329-16MU      |
| Micrel / Microchip Technology ATMEGA329-16MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA329-16MU | Microchip Technology ATMEGA329-16MU    | Roving Networks / Microchip Technology ATMEGA329-16MU |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ATMEGA329-16MI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>ATMEGA328PB-XMINI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL KIT FOR ATMEGA328<br/>In stock: 209 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>ATMEGA3290-16AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATMEGA329-16AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 77 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>ATMEGA3290-16AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 180 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATMEGA329-16AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>ATMEGA329-16MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ATMEGA3290-16AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATMEGA329-16AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>            | <div></div> <div><b>ATMEGA329-16MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>ATMEGA3290-16AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>ATMEGA329-16AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |