



ATMEGA329P-20MU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA329P-20MU                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 64QFN                                                                                 |
| Datasheets:         | <a href="#">PDF</a> ATMEGA329P-20MU.pdf                                                                      |
| 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.

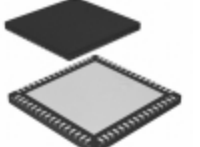
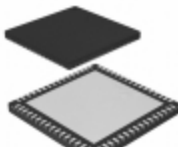
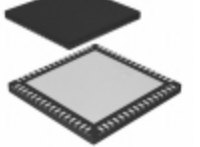
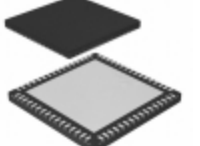
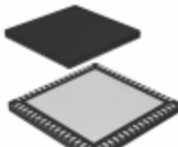
Specifications of ATMEGA329P-20MU

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA329P-20MU                                                                   |
| 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> ATMEGA329P-20MU.pdf                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                      |
| SPEED                            | 20MHz                                                                             |
| 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                      | ATMEGA329P-16MU<br>ATMEGA329P-16MU-ND<br>ATMEGA329P20MU                           |
| 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 20MHz 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 ATMEGA329P-20MU | ATMEGA329P-20MU Distributor            | ATMEGA329P-20MU Supplier                               |
| ATMEGA329P-20MU Price                         | ATMEGA329P-20MU Pictures               | ATMEGA329P-20MU Image                                  |
| ATMEGA329P-20MU PDF Datasheet                 | ATMEGA329P-20MU Download Datasheet     | ATMEGA329P-20MU Datasheet                              |
| ATMEGA329P-20MU Stock                         | Buy ATMEGA329P-20MU                    | Buy Micrel / Microchip Technology ATMEGA329P-20MU      |
| Micrel / Microchip Technology ATMEGA329P-20MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATMEGA329P-20MU | Microchip Technology ATMEGA329P-20MU   | Roving Networks / Microchip Technology ATMEGA329P-20MU |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>ATMEGA329PA-AU</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>ATMEGA329P-20MN</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>ATMEGA329PA-MUR</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>ATMEGA329PA-AUR</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>ATMEGA329P-20AUR</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>ATMEGA329P-20MNR</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>ATMEGA329P-20MUR</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>ATMEGA329PA-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 398 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>ATMEGA329P-20MUR</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>ATMEGA329P-20MNR</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>ATMEGA329P-20AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 296 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATMEGA329P-20AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>         |