



ATMEGA329A-AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA329A-AUR                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 64TQFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 29235 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

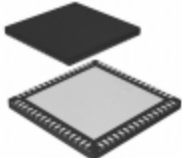
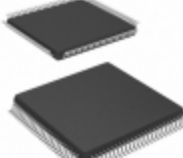
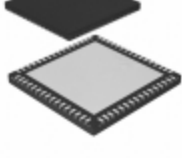
Specifications of ATMEGA329A-AUR

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA329A-AUR                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                        |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64TQFP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 29235 pcs                                                                            |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                      |
| 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                        | Tape & Reel (TR)                                                                     |
| PACKAGE / CASE                   | 64-TQFP                                                                              |
| OTHER NAMES                      | ATMEGA329A-AUR-ND<br>ATMEGA329A-AURTR<br>ATMEGA329AAUR                               |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF I/O                    | 54                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| 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-TQFP (14x14) |
| 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 ATMEGA329A-AUR | ATMEGA329A-AUR Distributor             | ATMEGA329A-AUR Supplier                               |
| ATMEGA329A-AUR Price                         | ATMEGA329A-AUR Pictures                | ATMEGA329A-AUR Image                                  |
| ATMEGA329A-AUR PDF Datasheet                 | ATMEGA329A-AUR Download Datasheet      | ATMEGA329A-AUR Datasheet                              |
| ATMEGA329A-AUR Stock                         | Buy ATMEGA329A-AUR                     | Buy Micrel / Microchip Technology ATMEGA329A-AUR      |
| Micrel / Microchip Technology ATMEGA329A-AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA329A-AUR | Microchip Technology ATMEGA329A-AUR    | Roving Networks / Microchip Technology ATMEGA329A-AUR |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ATMEGA329A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 31200 pcs<br/><b>RFQ</b></div>   | <div></div> <div><b>ATMEGA329A-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 27929 pcs<br/><b>RFQ</b></div>              |
| <div></div> <div><b>ATMEGA329A-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 23446 pcs<br/><b>RFQ</b></div>          | <div></div> <div><b>ATMEGA3290V-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 16704 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>ATMEGA3290PV-10AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 16240 pcs<br/><b>RFQ</b></div>     | <div></div> <div><b>ATMEGA3290V-8AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 17632 pcs<br/><b>RFQ</b></div>          |
| <div></div> <div><b>ATMEGA329P-20ANR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 18719 pcs<br/><b>RFQ</b></div>        | <div></div> <div><b>ATMEGA3290V-8AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 18582 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>ATMEGA329P-20AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 4324 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>ATMEGA329A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 25546 pcs<br/><b>RFQ</b></div>     |
| <div></div> <div><b>ATMEGA329A-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 3862 pcs<br/><b>RFQ</b></div>            | <div></div> <div><b>ATMEGA3290V-8AI</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 6045 pcs<br/><b>RFQ</b></div>            |