



ATMEGA324A-AUR

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|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA324A-AUR                                                                                                                                                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                               |
| Product description | IC MCU 8BIT 32KB FLASH 44TQFP                                                                                                                                                                                                               |
| Datasheets:         | <div><div>1.ATMEGA324A-AUR.pdf</div><div>2.ATMEGA324A-AUR.pdf</div></div> |
| RoHs Status         | <div><div>Lead free / RoHS Compliant</div></div>                                                                                                           |
| Stock Condition     | 27801 pcs stock                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

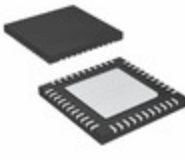
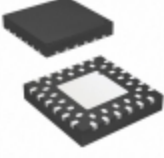
Specifications of ATMEGA324A-AUR

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA324A-AUR                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44TQFP                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 27801 pcs                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div><div>1.ATMEGA324A-AUR.pdf</div><div>2.ATMEGA324A-AUR.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                 |
| 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, POR, PWM, WDT                                                                                                                                                                                                           |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                         |
| OTHER NAMES                      | ATMEGA324A-AURCT                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 32                                                                                                                                                                                                                                              |
| 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 44-TQFP (10x10)                                                                                                                                                            |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                                       |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | ATMEGA324                                                                                                                                                                                                                                       |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA324A-AUR | ATMEGA324A-AUR Distributor             | ATMEGA324A-AUR Supplier                               |
| ATMEGA324A-AUR Price                         | ATMEGA324A-AUR Pictures                | ATMEGA324A-AUR Image                                  |
| ATMEGA324A-AUR PDF Datasheet                 | ATMEGA324A-AUR Download Datasheet      | ATMEGA324A-AUR Datasheet                              |
| ATMEGA324A-AUR Stock                         | Buy ATMEGA324A-AUR                     | Buy Micrel / Microchip Technology ATMEGA324A-AUR      |
| Micrel / Microchip Technology ATMEGA324A-AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA324A-AUR | Microchip Technology ATMEGA324A-AUR    | Roving Networks / Microchip Technology ATMEGA324A-AUR |

Related Products

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| <div><div></div><div><b>ATMEGA324A-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br/>In stock: 44743 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>ATMEGA324A-MCHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 27037 pcs</div><div>RFQ</div></div>          |
| <div><div></div><div><b>ATMEGA323L-4AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 5887 pcs</div><div>RFQ</div></div>   | <div><div></div><div><b>ATMEGA324A-MCHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 34438 pcs</div><div>RFQ</div></div> |
| <div><div></div><div><b>ATMEGA323L-4PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 5173 pcs</div><div>RFQ</div></div>    | <div><div></div><div><b>ATMEGA324A-MCH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 46324 pcs</div><div>RFQ</div></div>  |
| <div><div></div><div><b>ATMEGA324A-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br/>In stock: 26772 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>ATMEGA323L-4AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 6691 pcs</div><div>RFQ</div></div>  |
| <div><div></div><div><b>ATMEGA323L-4PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 3763 pcs</div><div>RFQ</div></div>    | <div><div></div><div><b>ATMEGA324A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 29234 pcs</div><div>RFQ</div></div>  |
| <div><div></div><div><b>ATMEGA324A-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br/>In stock: 26603 pcs</div><div>RFQ</div></div>          | <div><div></div><div><b>ATMEGA323-8PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 6737 pcs</div><div>RFQ</div></div>    |