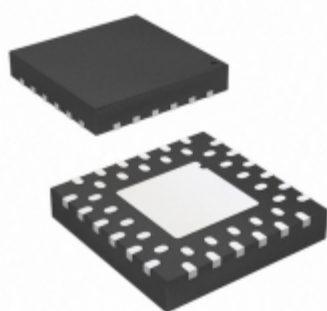


ATMEGA324A-MCH



Images are for reference only.  
See Product Specifications for product details.  
**Buy ATMEGA324A-MCH with confidence from  
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**Part Number:** [ATMEGA324A-MCH](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 32KB FLASH 44QFN

**Data sheet:**  [ATmega324A Complete](#)  
 [ATmega324A Summary](#)

**RoHs Status:** Lead free / RoHS Compliant

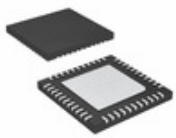
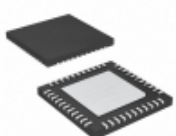
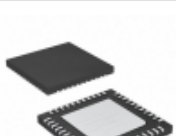
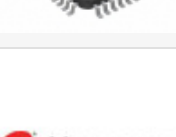
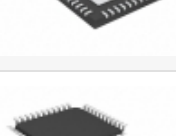
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| PRODUCT PARAMETER               |                                           |                                  |                                                                                   |
|---------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------|
| Part Number                     | ATMEGA324A-MCH                            | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                     |
| Description                     | IC MCU 8BIT 32KB FLASH 44QFN              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                        |
| Quantity Available              | 62362 pcs                                 | Data sheet                       | <a href="#">ATmega324A Complete</a><br><a href="#">ATmega324A Summary</a>         |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 5.5 V                                                                     |
| Supplier Device Package         | 44-QFN (5x5)                              | 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                        | Tray                                                                              |
| Package / Case                  | 44-VQFN Dual Rows, Exposed Pad            | Other Names                      | 1611-ATMEGA324A-MCH                                                               |
| Oscillator Type                 | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                 |
| Number of I/O                   | 32                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                     |
| Manufacturer Standard Lead Time | 16 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 44-QFN (5x5) |
| Data Converters                 | A/D 8x10b                                 | Core Size                        | 8-Bit                                                                             |
| Core Processor                  | AVR                                       | Connectivity                     | PC, SPI, UART/USART                                                               |
| Base Part Number                | ATMEGA324                                 |                                  |                                                                                   |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATMEGA324A-MCHR</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324P-15MT</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324P-15AT1</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA323L-4PC</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA323L-4AI</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324A-CU</a><br>Description: IC MCU 8BIT 32KB FLASH 49VFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324A-MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 44VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324A-CUR</a><br>Description: IC MCU 8BIT 32KB FLASH 49VFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324P-15AT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324P-15MT1</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA323L-4AC</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA323-8PC</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324P-15MZ</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324P-15AZ</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA323L-4PI</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324A-AUR</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324A-PU</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324A-MU</a><br>Description: IC MCU 8BIT 32KB FLASH 44VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA324A-AU</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA323-8PI</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for **ATMEGA324A-MCH**

|                                              |                                     |                                                          |                      |
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