



Micrel / Microchip Technology



ATMEGA324PA-PN

|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA324PA-PN                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                               |
| Product description | IC MCU 8BIT 32KB FLASH 40DIP                                                                |
| Datasheets:         | <div><div>PDF</div>1.ATMEGA324PA-PN.pdf</div> <div><div>PDF</div>2.ATMEGA324PA-PN.pdf</div> |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                           |
| Stock Condition     | 42036 pcs stock                                                                             |
| Ship From           | Hong Kong                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                       |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

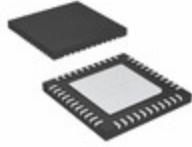
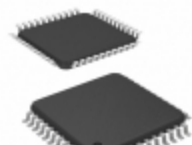
Specifications of ATMEGA324PA-PN

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA324PA-PN                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                               |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 40DIP                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| QUANTITY AVAILABLE               | 42036 pcs                                                                                   |
| DATA SHEET                       | <div><div>PDF</div>1.ATMEGA324PA-PN.pdf</div> <div><div>PDF</div>2.ATMEGA324PA-PN.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                               |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                     |
| 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                        | Tube                                                                                        |
| PACKAGE / CASE                   | 40-DIP (0.600", 15.24mm)                                                                    |
| OTHER NAMES                      | 1611-ATMEGA324PA-PN                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                          |
| NUMBER OF I/O                    | 32                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                               |
| 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 40-PDIP                |
| 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 ATMEGA324PA-PN | ATMEGA324PA-PN Distributor             | ATMEGA324PA-PN Supplier                               |
| ATMEGA324PA-PN Price                         | ATMEGA324PA-PN Pictures                | ATMEGA324PA-PN Image                                  |
| ATMEGA324PA-PN PDF Datasheet                 | ATMEGA324PA-PN Download Datasheet      | ATMEGA324PA-PN Datasheet                              |
| ATMEGA324PA-PN Stock                         | Buy ATMEGA324PA-PN                     | Buy Micrel / Microchip Technology ATMEGA324PA-PN      |
| Micrel / Microchip Technology ATMEGA324PA-PN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA324PA-PN | Microchip Technology ATMEGA324PA-PN    | Roving Networks / Microchip Technology ATMEGA324PA-PN |

Related Products

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| <div></div> <div><b>ATMEGA324PA-MCHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 25003 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA324PA-PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 23778 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ATMEGA324PB-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 46745 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA324PA-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 25214 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>ATMEGA324PB-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 57627 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA324PA-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 21564 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA324PA-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 24618 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA324PB-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 54567 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA324PB-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 57514 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA324PB-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 52626 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA324PA-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 54122 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA324PA-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 20 MHZ, QFP, 105C<br/>In stock: 26901 pcs</div> <div>RFQ</div>            |