



Image may be representation.  
See specifications for product details.

### ATMEGA324P-15AT

Part Number: **ATMEGA324P-15AT**  
 Product Description: IC MCU 8BIT 32KB FLASH 44TQFP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [ATMEGA324P-15AT.pdf](#)

Manufacturer/Brand: Micrel / Microchip Technology  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

#### Product details

<b>Part Number</b>	ATMEGA324P-15AT	<b>Manufacturer</b>	Micrel / Microchip Technology
<b>Description</b>	IC MCU 8BIT 32KB FLASH 44TQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">ATMEGA324P-15AT.pdf</a>		
<b>Voltage - Supply (Vcc/Vdd)</b>	2.7 V ~ 5.5 V	<b>Supplier Device Package</b>	44-TQFP (10x10)
<b>Speed</b>	16MHz	<b>Series</b>	Automotive, AEC-Q100, AVR® ATmega
<b>RAM Size</b>	2K x 8	<b>Program Memory Type</b>	FLASH
<b>Program Memory Size</b>	32KB (16K x 16)	<b>Peripherals</b>	Brown-out Detect/Reset, POR, PWM, WDT
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	44-TQFP
<b>Oscillator Type</b>	Internal	<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of I/O</b>	32	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>EEPROM Size</b>	1K x 8
<b>Detailed Description</b>	AVR Automotive, AEC-Q100, AVR® ATmega Microcontroller IC 8-Bit 16MHz 32KB (16K x 16) FLASH 44-TQFP (10x10)	<b>Data Converters</b>	A/D 8x10b
<b>Core Size</b>	8-Bit	<b>Core Processor</b>	AVR
<b>Connectivity</b>	I <sup>2</sup> C, SPI, UART/USART	<b>Base Part Number</b>	ATMEGA324

#### Related Products

 <b>ATMEGA324A-MUR</b> Manufacturers: Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44VQFN <a href="#">RFQ</a>	 <b>ATMEGA324P-15AZ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44TQFP Download: <a href="#">ATMEGA324P-15AZ.pdf</a> <a href="#">RFQ</a>
 <b>ATMEGA324A-MCHR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN Download: <a href="#">ATMEGA324A-MCHR.pdf</a> <a href="#">RFQ</a>	 <b>ATMEGA324A-MU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44VQFN Download: <a href="#">ATMEGA324A-MU.pdf</a> <a href="#">RFQ</a>
 <b>ATMEGA324P-20AQ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44TQFP Download: <a href="#">ATMEGA324P-20AQ.pdf</a> <a href="#">RFQ</a>	 <b>ATMEGA324A-MUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44VQFN Download: <a href="#">ATMEGA324A-MUR.pdf</a> <a href="#">RFQ</a>
 <b>ATMEGA324P-15MZ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN Download: <a href="#">ATMEGA324P-15MZ.pdf</a> <a href="#">RFQ</a>	 <b>ATMEGA324A-MCHR</b> Manufacturers: Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN <a href="#">RFQ</a>
 <b>ATMEGA324P-15MT1</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN Download: <a href="#">ATMEGA324P-15MT1.pdf</a> <a href="#">RFQ</a>	 <b>ATMEGA324P-15MT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN Download: <a href="#">ATMEGA324P-15MT.pdf</a> <a href="#">RFQ</a>
 <b>ATMEGA324A-PU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 40DIP Download: <a href="#">ATMEGA324A-PU.pdf</a> <a href="#">RFQ</a>	 <b>ATMEGA324P-15AT1</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44TQFP Download: <a href="#">ATMEGA324P-15AT1.pdf</a> <a href="#">RFQ</a>

#### Related tags

- Micrel / Microchip Technology ATMEGA324P-15AT
- ATMEGA324P-15AT Price
- ATMEGA324P-15AT PDF Datasheet
- ATMEGA324P-15AT Stock
- Micrel / Microchip Technology ATMEGA324P-15AT
- Micrel / Microchip Technology ATMEGA324P-15AT
- ATMEGA324P-15AT Distributor
- ATMEGA324P-15AT Pictures
- ATMEGA324P-15AT Download Datasheet
- Buy ATMEGA324P-15AT
- Micrel / Microchip Technology Supplier
- Microchip Technology ATMEGA324P-15AT
- ATMEGA324P-15AT Supplier
- ATMEGA324P-15AT Image
- ATMEGA324P-15AT Datasheet
- Buy Micrel / Microchip Technology ATMEGA324P-15AT
- Micrel / Microchip Technology Distributor
- Roving Networks / Microchip Technology ATMEGA324P-15AT