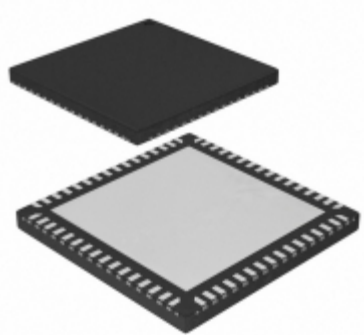


## ATMEGA325PA-MU



**Part Number:** [ATMEGA325PA-MU](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 8BIT 32KB FLASH 64QFN  
**Data sheet:** [ATmega165A - 6450P Summary](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	ATMEGA325PA-MU	<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Description</b>	IC MCU 8BIT 32KB FLASH 64QFN	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	27647 pcs	<b>Data sheet</b>	<a href="#">ATmega165A - 6450P Summary</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.7 V ~ 5.5 V
<b>Supplier Device Package</b>	64-QFN (9x9)	<b>Speed</b>	20MHz
<b>Series</b>	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>	Tray
<b>Package / Case</b>	64-VFQFN Exposed Pad	<b>Other Names</b>	ATMEGA325PAMU
<b>Oscillator Type</b>	Internal	<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of I/O</b>	54	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Manufacturer Standard Lead Time</b>	6 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	1K x 8	<b>Detailed Description</b>	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 32KB (16K x 16) FLASH 64-QFN (9x9)
<b>Data Converters</b>	A/D 8x10b	<b>Core Size</b>	8-Bit
<b>Core Processor</b>	AVR	<b>Connectivity</b>	SPI, UART/USART, USI
<b>Base Part Number</b>	ATMEGA325		

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">ATMEGA325P-20AU</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325PV-10AU</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325P-20AUR</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325PA-AUR</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325PV-10AUR</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325PA-AU</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325A-MN</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325V-8AI</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325V-8AUR</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325PA-MUR</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325PV-10MU</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325P-20MU</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325A-MUR</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325V-8MI</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325V-8MU</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325V-8AU</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325P-20MUR</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325A-MU</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325PV-10MUR</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATMEGA325A-MNR</a> <b>Description:</b> IC MCU 8BIT 32KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>

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