

ATMEGA325V-8MI





Part Number: [ATMEGA325V-8MI](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 64QFN

Data sheet:  [ATMEGA325, 645, 3250, 6450\(V\) Summary](#)  
 [ATMEGA325, 645, 3250, 6450\(V\) Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

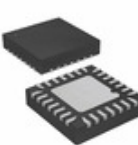
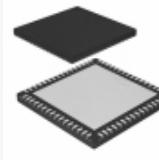
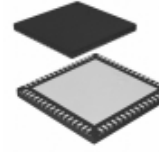
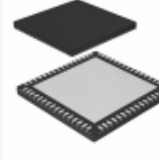
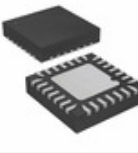
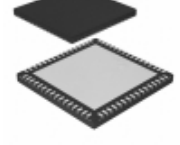
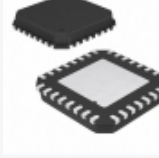
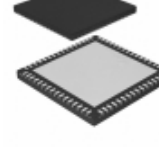
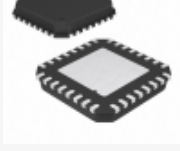
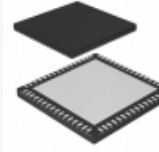
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ATMEGA325V-8MI                            | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 8BIT 32KB FLASH 64QFN              | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4335 pcs                                  | Data sheet                     | <a href="#">ATMEGA325, 645, 3250, 6450(V) Summary</a><br><a href="#">ATMEGA325, 645, 3250, 6450(V) Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 5.5 V                                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 64-QFN (9x9)                              | Speed                          | 8MHz                                                                                                             |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64-VFQFN Exposed Pad                      | Oscillator Type                | Internal                                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C (TA)                         | Number of I/O                  | 54                                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                               |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1K x 8                                    | Detailed Description           | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 32KB (16K x 16) FLASH 64-QFN (9x9)                                 |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A/D 8x10b                                 | Core Size                      | 8-Bit                                                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AVR                                       | Connectivity                   | SPI, UART/USART, USI                                                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ATMEGA325                                 |                                |                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATMEGA325PV-10AU</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328-PU</a><br>Description: IC MCU 8BIT 32KB FLASH 28DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328-MMHR</a><br>Description: IC MCU 8BIT 32KB FLASH 28VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325PA-MU</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325PV-10AUR</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328-AU</a><br>Description: IC MCU 8BIT 32KB FLASH 32TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325PA-MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325PV-10MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328P-15AZ</a><br>Description: IC MCU 8BIT 32KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328-MMH</a><br>Description: IC MCU 8BIT 32KB FLASH 28VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325V-8MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328-MU</a><br>Description: IC MCU 8BIT 32KB FLASH 32VQFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325PV-10MU</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328-MUR</a><br>Description: IC MCU 8BIT 32KB FLASH 32VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325PA-AUR</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325V-8MU</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA328-AUR</a><br>Description: IC MCU 8BIT 32KB FLASH 32TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325V-8AUR</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325V-8AI</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA325V-8AU</a><br>Description: IC MCU 8BIT 32KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATMEGA325V-8MI

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