



Micrel / Microchip Technology

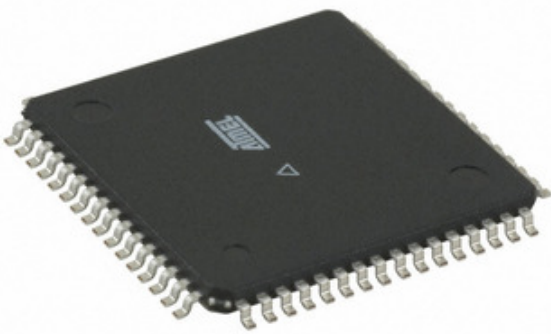


Image may be representation. See specifications for product details.

ATMEGA325A-AU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA325A-AU                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 64TQFP                                                                                |
| Datasheets:         |  ATMEGA325A-AU.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 21527 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

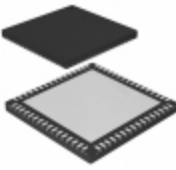
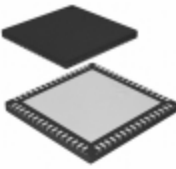
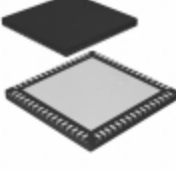
Specifications of ATMEGA325A-AU

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA325A-AU                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64TQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 21527 pcs                                                                                             |
| DATA SHEET                       |  ATMEGA325A-AU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                       |
| 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                   | 64-TQFP                                                                                               |
| OTHER NAMES                      | ATMEGA325AAU                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 54                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| 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 64-TQFP (14x14)                  |
| DATA CONVERTERS                  | A/D 8x10b                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                 |
| CORE PROCESSOR                   | AVR                                                                                                   |
| CONNECTIVITY                     | SPI, UART/USART, USI                                                                                  |
| BASE PART NUMBER                 | ATMEGA325                                                                                             |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA325A-AU | ATMEGA325A-AU Distributor              | ATMEGA325A-AU Supplier                               |
| ATMEGA325A-AU Price                         | ATMEGA325A-AU Pictures                 | ATMEGA325A-AU Image                                  |
| ATMEGA325A-AU PDF Datasheet                 | ATMEGA325A-AU Download Datasheet       | ATMEGA325A-AU Datasheet                              |
| ATMEGA325A-AU Stock                         | Buy ATMEGA325A-AU                      | Buy Micrel / Microchip Technology ATMEGA325A-AU      |
| Micrel / Microchip Technology ATMEGA325A-AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATMEGA325A-AU | Microchip Technology ATMEGA325A-AU     | Roving Networks / Microchip Technology ATMEGA325A-AU |

Related Products

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| <div></div> <div><b>ATMEGA325A-ANR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 25211 pcs</div> <div>RFQ</div>             | <div></div> <div><b>ATMEGA325A-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 28438 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>ATMEGA3250V-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 25978 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA325A-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 50819 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>ATMEGA325A-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 26399 pcs</div> <div>RFQ</div>             | <div></div> <div><b>ATMEGA325A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 24704 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>ATMEGA325A-MNR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 24923 pcs</div> <div>RFQ</div>              | <div></div> <div><b>ATMEGA3250V-8AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 24316 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA325A-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 55021 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATMEGA3250V-8AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 20225 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>ATMEGA325A-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 25160 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATMEGA325A-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 24342 pcs</div> <div>RFQ</div>     |