



Microchip Technology



ATMEGA325PA-AU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA325PA-AU                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 64TQFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 27403 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

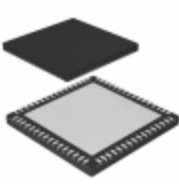
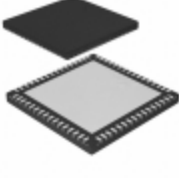
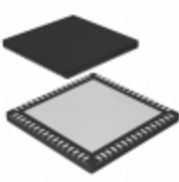
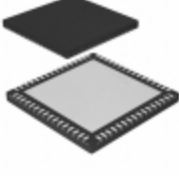
Specifications of ATMEGA325PA-AU

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA325PA-AU                                                                       |
| MANUFACTURER                     | Microchip Technology                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64TQFP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 27403 pcs                                                                            |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                |
| VOLTAGE - BREAKDOWN              | 64-TQFP (14x14)                                                                      |
| SERIES                           | AVR® ATmega                                                                          |
| ROHS STATUS                      | Tray                                                                                 |
| REVERSE RECOVERY TIME (TRR)      | 20MHz                                                                                |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                                |
| PROGRAM MEMORY TYPE              | 32KB (16K x 16)                                                                      |
| PROGRAM MEMORY SIZE              | SPI, UART/USART, USI                                                                 |
| POLARIZATION                     | 64-TQFP                                                                              |
| OTHER NAMES                      | 1611-ATMEGA325PA-AU                                                                  |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| OPERATING SYSTEM                 | AVR                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| MANUFACTURER PART NUMBER         | ATMEGA325PA-AU                                                                       |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 32KB (16K x 16) FLASH 64-TQFP (14x14) |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64TQFP                                                        |
| DATA SRAM BYTES                  | 1K x 8                                                                               |
| DATA CONVERTERS                  | 2.7 V ~ 5.5 V                                                                        |
| CORE SIZE                        | 2K x 8                                                                               |
| CONTROLLER SERIES                | Internal                                                                             |
| CONNECTIVITY                     | 8-Bit                                                                                |
| CLOCK RATE                       | 54                                                                                   |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA325PA-AU | ATMEGA325PA-AU Distributor             | ATMEGA325PA-AU Supplier                               |
| ATMEGA325PA-AU Price                         | ATMEGA325PA-AU Pictures                | ATMEGA325PA-AU Image                                  |
| ATMEGA325PA-AU PDF Datasheet                 | ATMEGA325PA-AU Download Datasheet      | ATMEGA325PA-AU Datasheet                              |
| ATMEGA325PA-AU Stock                         | Buy ATMEGA325PA-AU                     | Buy Micrel / Microchip Technology ATMEGA325PA-AU      |
| Micrel / Microchip Technology ATMEGA325PA-AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA325PA-AU | Microchip Technology ATMEGA325PA-AU    | Roving Networks / Microchip Technology ATMEGA325PA-AU |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATMEGA325P-20MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 19142 pcs<br/><div>RFQ</div></div>  |  <div><b>ATMEGA325P-20AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 26533 pcs<br/><div>RFQ</div></div> |
|  <div><b>ATMEGA325PA-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 23970 pcs<br/><div>RFQ</div></div>  |  <div><b>ATMEGA325PA-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 25214 pcs<br/><div>RFQ</div></div>            |
|  <div><b>ATMEGA325PA-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 23559 pcs<br/><div>RFQ</div></div> |  <div><b>ATMEGA325PA-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 28645 pcs<br/><div>RFQ</div></div>           |
|  <div><b>ATMEGA325PA-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 24159 pcs<br/><div>RFQ</div></div>   |  <div><b>ATMEGA325PA-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 28835 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ATMEGA325P-20MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 2964 pcs<br/><div>RFQ</div></div>  |  <div><b>ATMEGA325P-20AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 18023 pcs<br/><div>RFQ</div></div> |
|  <div><b>ATMEGA325P-20AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 20105 pcs<br/><div>RFQ</div></div>         |  <div><b>ATMEGA325P-20MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 21252 pcs<br/><div>RFQ</div></div>           |