



ATXMEGA32E5-AN

Part Number:ATXMEGA32E5-AN

Manufacturer/Brand:Micrel / Microchip Technology

Product description:IC MCU 8BIT 32KB FLASH 32TQFP

Datasheets:

PDF

1.ATXMEGA32E5-AN.pdf

PDF

2.ATXMEGA32E5-AN.pdf

RoHs Status:

✓

Lead free / RoHS Compliant

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

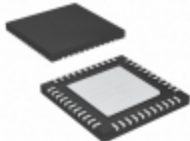
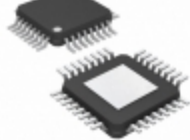
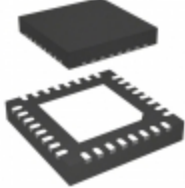
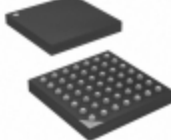
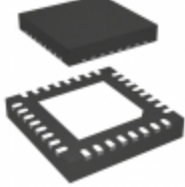
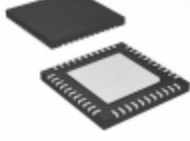
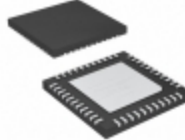
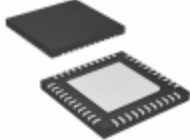
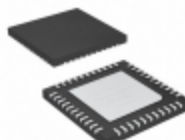
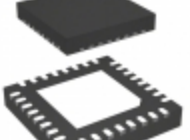
Specifications of ATXMEGA32E5-AN

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA32E5-AN                                                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 32TQFP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                       | <div><div>PDF</div><div>1.ATXMEGA32E5-AN.pdf</div></div> <div><div>PDF</div><div>2.ATXMEGA32E5-AN.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 32-TQFP (7x7)                                                                                                     |
| SPEED                            | 32MHz                                                                                                             |
| SERIES                           | AVR® XMEGA® E5                                                                                                    |
| RAM SIZE                         | 4K x 8                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                             |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                   |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                        |
| PACKAGING                        | Tray                                                                                                              |
| PACKAGE / CASE                   | 32-TQFP                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                |
| NUMBER OF I/O                    | 26                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| EEPROM SIZE                      | 1K x 8                                                                                                            |
| DETAILED DESCRIPTION             | AVR AVR® XMEGA® E5 Microcontroller IC 8/16-Bit 32MHz 32KB (16K x 16) FLASH 32-TQFP (7x7)                          |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                             |
| CORE SIZE                        | 8/16-Bit                                                                                                          |
| CORE PROCESSOR                   | AVR                                                                                                               |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                        |
| BASE PART NUMBER                 | ATXMEGA32                                                                                                         |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA32E5-AN | ATXMEGA32E5-AN Distributor             | ATXMEGA32E5-AN Supplier                               |
| ATXMEGA32E5-AN Price                         | ATXMEGA32E5-AN Pictures                | ATXMEGA32E5-AN Image                                  |
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| ATXMEGA32E5-AN Stock                         | Buy ATXMEGA32E5-AN                     | Buy Micrel / Microchip Technology ATXMEGA32E5-AN      |
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| Micrel / Microchip Technology ATXMEGA32E5-AN | Microchip Technology ATXMEGA32E5-AN    | Roving Networks / Microchip Technology ATXMEGA32E5-AN |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ATXMEGA32E5-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>ATXMEGA32D4-MHK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>ATXMEGA32E5-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ATXMEGA32E5-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATXMEGA32E5-M4NR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATXMEGA32D4-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATXMEGA32E5-M4U</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ATXMEGA32D4-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATXMEGA32D4-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>ATXMEGA32D4-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 743 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>ATXMEGA32D4-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ATXMEGA32E5-M4N</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 32UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |