



Micrel / Microchip Technology

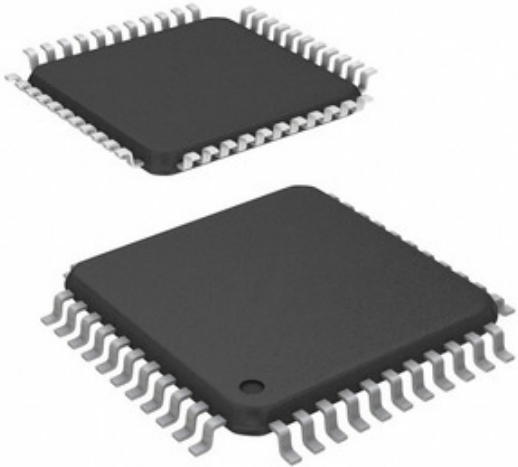


Image may be representation. See specifications for product details.

ATXMEGA64D4-AUR

|                     |                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA64D4-AUR                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                      |
| Product description | IC MCU 8BIT 64KB FLASH 44TQFP                                                                                                                                                                                      |
| Datasheets:         |  1.ATXMEGA64D4-AUR.pdf<br> 2.ATXMEGA64D4-AUR.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                       |
| Stock Condition     | 24927 pcs stock                                                                                                                                                                                                    |
| Ship From           | Hong Kong                                                                                                                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                              |

REQUEST FOR QUOTATION

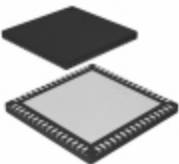
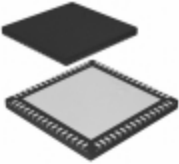
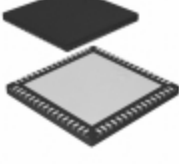
Specifications of ATXMEGA64D4-AUR

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA64D4-AUR                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 44TQFP                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 24927 pcs                                                                                                                                                                                                              |
| DATA SHEET                       |  1.ATXMEGA64D4-AUR.pdf<br> 2.ATXMEGA64D4-AUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                        |
| SPEED                            | 32MHz                                                                                                                                                                                                                  |
| SERIES                           | AVR® XMEGA® D4                                                                                                                                                                                                         |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 64KB (32K x 16)                                                                                                                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                  |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                |
| OTHER NAMES                      | ATXMEGA64D4-AURCT                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 34                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| EEPROM SIZE                      | 2K x 8                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | AVR AVR® XMEGA® D4 Microcontroller IC 8/16-Bit 32MHz 64KB (32K x 16) FLASH 44-TQFP (10x10)                                                                                                                             |
| DATA CONVERTERS                  | A/D 12x12b                                                                                                                                                                                                             |
| CORE SIZE                        | 8/16-Bit                                                                                                                                                                                                               |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                                                                                                                             |
| BASE PART NUMBER                 | ATXMEGA64                                                                                                                                                                                                              |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA64D4-AUR | ATXMEGA64D4-AUR Distributor            | ATXMEGA64D4-AUR Supplier                               |
| ATXMEGA64D4-AUR Price                         | ATXMEGA64D4-AUR Pictures               | ATXMEGA64D4-AUR Image                                  |
| ATXMEGA64D4-AUR PDF Datasheet                 | ATXMEGA64D4-AUR Download Datasheet     | ATXMEGA64D4-AUR Datasheet                              |
| ATXMEGA64D4-AUR Stock                         | Buy ATXMEGA64D4-AUR                    | Buy Micrel / Microchip Technology ATXMEGA64D4-AUR      |
| Micrel / Microchip Technology ATXMEGA64D4-AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATXMEGA64D4-AUR | Microchip Technology ATXMEGA64D4-AUR   | Roving Networks / Microchip Technology ATXMEGA64D4-AUR |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                      |
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| <div><div>ATXMEGA64D4-CUR</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 49VFBGA<br/>In stock: 24941 pcs</div><div>RFQ</div></div> | <div><div>ATXMEGA64D3-MHR</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 24986 pcs</div><div>RFQ</div></div>  |
| <div><div>ATXMEGA64D4-AU</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44TQFP<br/>In stock: 23739 pcs</div><div>RFQ</div></div>   | <div><div>ATXMEGA64D4-CUR</div><div>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 49VFBGA<br/>In stock: 25113 pcs</div><div>RFQ</div></div>         |
| <div><div>ATXMEGA64D4-ANR</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44TQFP<br/>In stock: 27487 pcs</div><div>RFQ</div></div>  | <div><div>ATXMEGA64D3-MNR</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 7046 pcs</div><div>RFQ</div></div>   |
| <div><div>ATXMEGA64D4-AN</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44TQFP<br/>In stock: 27196 pcs</div><div>RFQ</div></div>   | <div><div>ATXMEGA64D4-CU</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 49VFBGA<br/>In stock: 21749 pcs</div><div>RFQ</div></div> |
| <div><div>ATXMEGA64D4-MHR</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFN<br/>In stock: 34766 pcs</div><div>RFQ</div></div>  | <div><div>ATXMEGA64D4-MN</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44QFN<br/>In stock: 3700 pcs</div><div>RFQ</div></div>    |
| <div><div>ATXMEGA64D3-MN</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 4757 pcs</div><div>RFQ</div></div>     | <div><div>ATXMEGA64D4-MH</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFN<br/>In stock: 26873 pcs</div><div>RFQ</div></div>  |