




Micrel / Microchip Technology

ATXMEGA64D4-MHR

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| Part Number: | ATXMEGA64D4-MHR |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | IC MCU 8BIT 64KB FLASH 44VQFN |
| Datasheets: | 1.ATXMEGA64D4-MHR.pdf 2.ATXMEGA64D4-MHR.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.



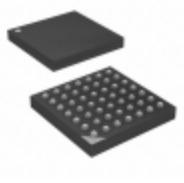

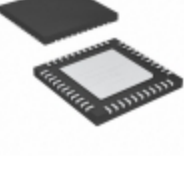

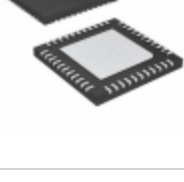



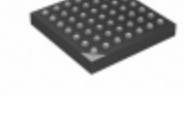

Specifications of ATXMEGA64D4-MHR

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|----------------------------------|--|
| PART NUMBER | ATXMEGA64D4-MHR |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | IC MCU 8BIT 64KB FLASH 44VQFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | 1.ATXMEGA64D4-MHR.pdf 2.ATXMEGA64D4-MHR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.6 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 44-VQFN (7x7) |
| 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 | Tape & Reel (TR) |
| PACKAGE / CASE | 44-VFQFN Exposed Pad |
| OTHER NAMES | ATXMEGA64D4-MHRTR ATXMEGA64D4MHR |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 34 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| MANUFACTURER STANDARD LEAD TIME | 15 Weeks |
| 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-VQFN (7x7) |
| DATA CONVERTERS | A/D 12x12b |
| CORE SIZE | 8/16-Bit |
| CORE PROCESSOR | AVR |
| CONNECTIVITY | I ² C, IrDA, SPI, UART/USART |
| BASE PART NUMBER | ATXMEGA64 |

Related Tags

| | | |
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|  <p>ATXMEGA64D4-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 44TQFP In stock: Out stock RFQ</p> |  <p>ATXMEGA8E5-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 8KB FLASH 32TQFP In stock: Out stock RFQ</p> |
|  <p>ATXMEGA64D4-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 49VFBGA In stock: Out stock RFQ</p> |  <p>ATXMEGA64D4-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 44TQFP In stock: 747 pcs RFQ</p> |
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|  <p>ATXMEGA64D4-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 49VFBGA In stock: Out stock RFQ</p> |  <p>ATXMEGA8E5-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 8KB FLASH 32TQFP In stock: 490 pcs RFQ</p> |