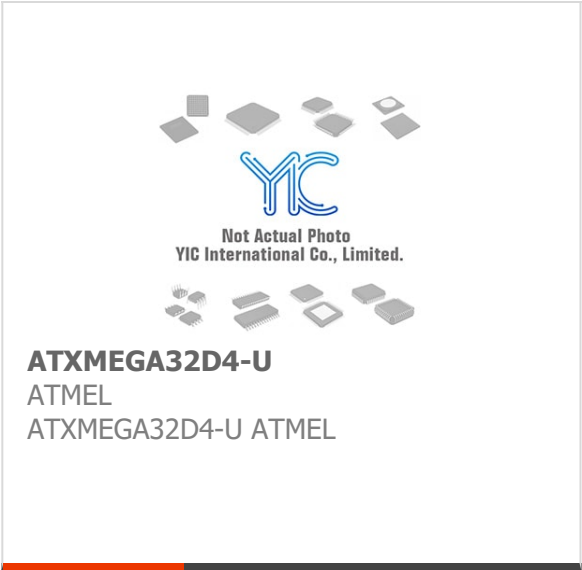


| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | ATXMEGA32D4-MH                                          |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 8BIT 32KB FLASH 44VQFN                           |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 3271 pcs Stock                                          |
| 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        | 32KB (16K x 16)                                         |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT                   |
| Packaging                  | Tray                                                    |
| Package / Case             | 44-VFQFN Exposed Pad                                    |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 34                                                      |
| EEPROM Size                | 1K x 8                                                  |
| Data Converters            | A/D 12x12b                                              |
| Core Size                  | 8/16-Bit                                                |
| Core Processor             | AVR                                                     |
| Connectivity               | I²C, IrDA, SPI, UART/USART                              |

In:



**ATXMEGA32D4-AUR**  
Microchip Technology  
IC MCU 8BIT 32KB FLASH  
44TQFP



More

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