




Micrel / Microchip Technology

## ATXMEGA16D4-MHR

Part Number:	ATXMEGA16D4-MHR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 16KB FLASH 44VQFN <a href="#">PDF 1.ATXMEGA16D4-MHR.pdf</a> <a href="#">PDF 2.ATXMEGA16D4-MHR.pdf</a>
Datasheets:	<a href="#">PDF 1.ATXMEGA16D4-MHR.pdf</a> <a href="#">PDF 2.ATXMEGA16D4-MHR.pdf</a>
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.


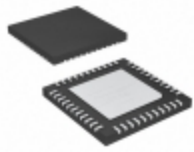
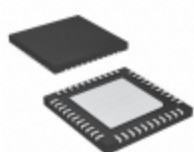

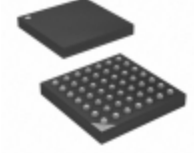
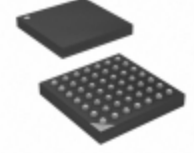
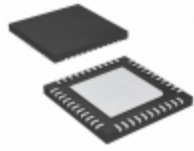

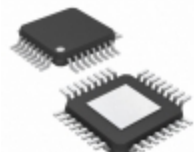
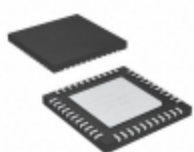
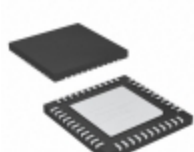

### Specifications of ATXMEGA16D4-MHR

PART NUMBER	ATXMEGA16D4-MHR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF 1.ATXMEGA16D4-MHR.pdf</a> <a href="#">PDF 2.ATXMEGA16D4-MHR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.6 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	44-VQFN (7x7)
SPEED	32MHz
SERIES	AVR® XMEGA® D4
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (8K x 16)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	44-VFQFN Exposed Pad
OTHER NAMES	ATXMEGA16D4-MHRCT
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	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	AVR AVR® XMEGA® D4 Microcontroller IC 8/16-Bit 32MHz 16KB (8K x 16) FLASH 44-VQFN (7x7)
DATA CONVERTERS	A/D 12x12b
CORE SIZE	8/16-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART
BASE PART NUMBER	ATXMEGA16

### Related Tags

Micrel / Microchip Technology ATXMEGA16D4-MHR	ATXMEGA16D4-MHR Distributor	ATXMEGA16D4-MHR Supplier
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### Related Products

 <p><b>ATXMEGA16D4-CUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 49VFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>ATXMEGA16D4-MHA2</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44VQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>ATXMEGA16D4-MH</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44VQFN                  In stock: 506 pcs  <a href="#">RFQ</a></p>	 <p><b>ATXMEGA16E5-ANR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 32TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>ATXMEGA16D4-CU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 49VFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>ATXMEGA16D4-CUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 49VFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>ATXMEGA16D4-MNR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44VQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>ATXMEGA16E5-ANR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 32TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
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 <p><b>ATXMEGA16D4-MHK</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44VQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>ATXMEGA16E5-AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 32TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>