




Micrel / Microchip Technology

## ATXMEGA64A3U-MHR

Part Number:	ATXMEGA64A3U-MHR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 64KB FLASH 64QFN
Datasheets:	<a href="#">PDF ATXMEGA64A3U-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.




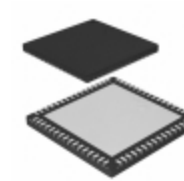
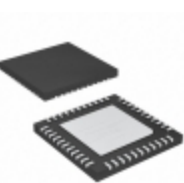

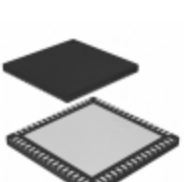
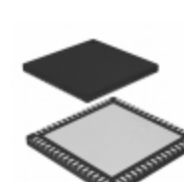

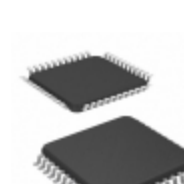

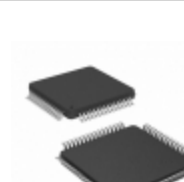
### Specifications of ATXMEGA64A3U-MHR

PART NUMBER	ATXMEGA64A3U-MHR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 64KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF ATXMEGA64A3U-MHR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.6 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	32MHz
SERIES	AVR® XMEGA® A3U
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (32K x 16)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-VFQFN Exposed Pad
OTHER NAMES	ATXMEGA64A3U-MHRTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	50
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	4 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	2K x 8
DETAILED DESCRIPTION	AVR AVR® XMEGA® A3U Microcontroller IC 8/16-Bit 32MHz 64KB (32K x 16) FLASH 64-QFN (9x9)
DATA CONVERTERS	A/D 16x12b; D/A 2x12b
CORE SIZE	8/16-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART, USB
BASE PART NUMBER	ATXMEGA64

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