

ATMEGA16L-8MU





Part Number: [ATMEGA16L-8MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 44VQFN

Data sheet:  [ATMEGA16\(L\) Summary](#)
 [ATMEGA16\(L\) Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

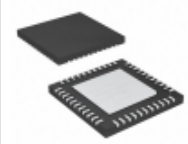
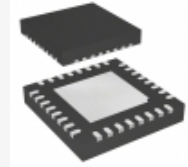
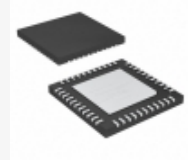
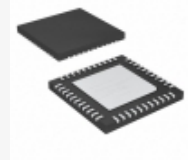
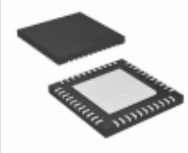
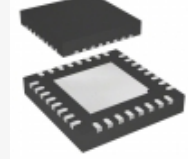
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PRODUCT PARAMETER			
Part Number	ATMEGA16L-8MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 44VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22059 pcs	Data sheet	ATMEGA16(L) Summary ATMEGA16(L) Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	44-VQFN (7x7)	Speed	8MHz
Series	AVR® ATmega	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	44-VFQFN Exposed Pad	Other Names	ATMEGA16L8MU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	32	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	512 x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 16KB (8K x 16) FLASH 44-VQFN (7x7)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATMEGA16		
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	Part#: ATMEGA16L-8PJ Description: IC MCU 8BIT 16KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA16L-8MJ Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16M1-15MD Description: IC MCU 8BIT 16KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16L-8PC Description: IC MCU 8BIT 16KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16L-8AJ Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA16L-8PU Description: IC MCU 8BIT 16KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16L-8AQ Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16L-8MI Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16M1-15MZ Description: IC MCU 8BIT 16KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for ATMEGA16L-8MU			
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