



Micrel / Microchip Technology



ATMEGA16U4-MU

Part Number:	ATMEGA16U4-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 16KB FLASH 44QFN
	 1.ATMEGA16U4-MU.pdf
	 2.ATMEGA16U4-MU.pdf
	 3.ATMEGA16U4-MU.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	21046 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

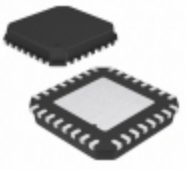
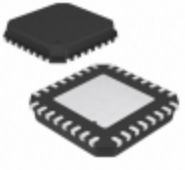
Specifications of ATMEGA16U4-MU

PART NUMBER	ATMEGA16U4-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21046 pcs
DATA SHEET	 1.ATMEGA16U4-MU.pdf  2.ATMEGA16U4-MU.pdf  3.ATMEGA16U4-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-QFN (7x7)
SPEED	16MHz
SERIES	AVR® ATmega
RAM SIZE	1.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (8K x 16)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	44-VFQFN Exposed Pad
OTHER NAMES	ATMEGA16U4-16MU ATMEGA16U4-16MU-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	26
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	512 x 8
DETAILED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 16KB (8K x 16) FLASH 44-QFN (7x7)
DATA CONVERTERS	A/D 12x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I²C, SPI, UART/USART, USB
BASE PART NUMBER	ATMEGA16

Related Tags

Micrel / Microchip Technology ATMEGA16U4-MU	ATMEGA16U4-MU Distributor	ATMEGA16U4-MU Supplier
ATMEGA16U4-MU Price	ATMEGA16U4-MU Pictures	ATMEGA16U4-MU Image
ATMEGA16U4-MU PDF Datasheet	ATMEGA16U4-MU Download Datasheet	ATMEGA16U4-MU Datasheet
ATMEGA16U4-MU Stock	Buy ATMEGA16U4-MU	Buy Micrel / Microchip Technology ATMEGA16U4-MU
Micrel / Microchip Technology ATMEGA16U4-MU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATMEGA16U4-MU	Microchip Technology ATMEGA16U4-MU	Roving Networks / Microchip Technology ATMEGA16U4-MU

Related Products

 ATMEGA2560-16AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 8188 pcs RFQ	 ATMEGA2560-16AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 10056 pcs RFQ
 ATMEGA16U2-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 32TQFP In stock: 31514 pcs RFQ	 ATMEGA2560-16AI Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 6146 pcs RFQ
 ATMEGA16U4-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 31817 pcs RFQ	 ATMEGA16U4-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 21530 pcs RFQ
 ATMEGA16U4-MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 29670 pcs RFQ	 ATMEGA16U4-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 23043 pcs RFQ
 ATMEGA16U2-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 32VQFN In stock: 40042 pcs RFQ	 ATMEGA2560-16CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 12951 pcs RFQ
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