



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATMEGA2560-16CU

Part Number:	ATMEGA2560-16CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 256KB FLASH 100CBGA
Datasheets:	 1.ATMEGA2560-16CU.pdf
	 2.ATMEGA2560-16CU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	12951 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATMEGA2560-16CU

PART NUMBER	ATMEGA2560-16CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 256KB FLASH 100CBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12951 pcs
DATA SHEET	 1.ATMEGA2560-16CU.pdf  2.ATMEGA2560-16CU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-CBGA (9x9)
SPEED	16MHz
SERIES	AVR® ATmega
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (128K x 16)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TFBGA
OTHER NAMES	1611-ATMEGA2560-16CU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	86
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 256KB (128K x 16) FLASH 100-CBGA (9x9)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	EBI/EMI, I²C, SPI, UART/USART
BASE PART NUMBER	ATMEGA2560

Related Tags

Micrel / Microchip Technology ATMEGA2560-16CU	ATMEGA2560-16CU Distributor	ATMEGA2560-16CU Supplier
ATMEGA2560-16CU Price	ATMEGA2560-16CU Pictures	ATMEGA2560-16CU Image
ATMEGA2560-16CU PDF Datasheet	ATMEGA2560-16CU Download Datasheet	ATMEGA2560-16CU Datasheet
ATMEGA2560-16CU Stock	Buy ATMEGA2560-16CU	Buy Micrel / Microchip Technology ATMEGA2560-16CU
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Related Products

 ATMEGA2560-16AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 8188 pcs RFQ	 ATMEGA2560R231-CU Manufacturers: Micrel / Microchip Technology Description: IC RF TXXR+MCU 802.15.4 100TFBGA In stock: 5685 pcs RFQ
 ATMEGA2560-16AI Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 6146 pcs RFQ	 ATMEGA2560R212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXXR+MCU 802.15.4 100-TQFP In stock: 3136 pcs RFQ
 ATMEGA2560R231-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXXR+MCU 802.15.4 100-TQFP In stock: 5604 pcs RFQ	 ATMEGA2560-16CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 8574 pcs RFQ
 ATMEGA2560-16AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 10056 pcs RFQ	 ATMEGA16U4-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 31817 pcs RFQ
 ATMEGA2560R212-CU Manufacturers: Micrel / Microchip Technology Description: IC RF TXXR+MCU 802.15.4 100TFBGA In stock: 3262 pcs RFQ	 ATMEGA16U4-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 21046 pcs RFQ
 ATMEGA16U4-MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 29670 pcs RFQ	 ATMEGA2560-16CUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 7687 pcs RFQ