



Micrel / Microchip Technology

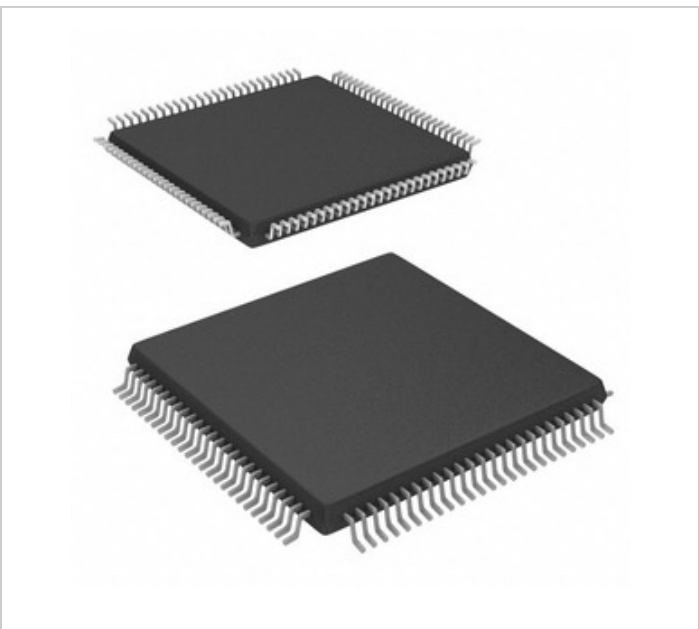


Image may be representation. See specifications for product details.

ATMEGA2560-16AU

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

REQUEST FOR QUOTATION

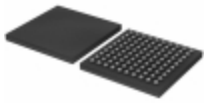
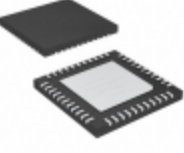
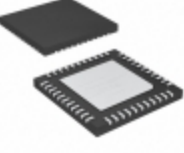
Specifications of ATMEGA2560-16AU

PART NUMBER	ATMEGA2560-16AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 256KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.ATMEGA2560-16AU.pdf PDF 2.ATMEGA2560-16AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
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-TQFP
OTHER NAMES	ATMEGA256016AU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	86
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
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-TQFP (14x14)
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 ATMEGA2560-16AU	ATMEGA2560-16AU Distributor	ATMEGA2560-16AU Supplier
ATMEGA2560-16AU Price	ATMEGA2560-16AU Pictures	ATMEGA2560-16AU Image
ATMEGA2560-16AU PDF Datasheet	ATMEGA2560-16AU Download Datasheet	ATMEGA2560-16AU Datasheet
ATMEGA2560-16AU Stock	Buy ATMEGA2560-16AU	Buy Micrel / Microchip Technology ATMEGA2560-16AU
Micrel / Microchip Technology ATMEGA2560-16AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATMEGA2560-16AU	Microchip Technology ATMEGA2560-16AU	Roving Networks / Microchip Technology ATMEGA2560-16AU

Related Products

 ATMEGA2560R212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: Out stock RFQ	 ATMEGA2560R212-CU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100TFBGA In stock: Out stock RFQ
 ATMEGA16U4-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ	 ATMEGA2560-16CUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: Out stock RFQ
 ATMEGA16U4-MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ	 ATMEGA2560-16CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: Out stock RFQ
 ATMEGA2560-16AI Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: Out stock RFQ	 ATMEGA16U4-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: Out stock RFQ
 ATMEGA16U4-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ	 ATMEGA2560-16CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: Out stock RFQ
 ATMEGA2560-16AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: Out stock RFQ	 ATMEGA16U4-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: Out stock RFQ