



Image may be representation. See specifications for product details.

ATMEGA2560-16AI

Part Number:	ATMEGA2560-16AI
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 256KB FLASH 100TQFP
	 1.ATMEGA2560-16AI.pdf
	 2.ATMEGA2560-16AI.pdf
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	6146 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

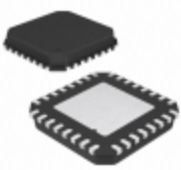
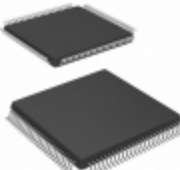
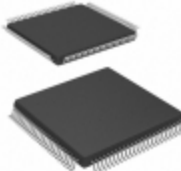
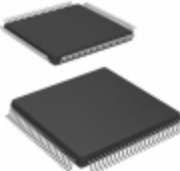
Specifications of ATMEGA2560-16AI

PART NUMBER	ATMEGA2560-16AI
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 256KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	6146 pcs
DATA SHEET	 1.ATMEGA2560-16AI.pdf  2.ATMEGA2560-16AI.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
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	Contains lead / RoHS non-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 ATMEGA2560-16AI	ATMEGA2560-16AI Distributor	ATMEGA2560-16AI Supplier
ATMEGA2560-16AI Price	ATMEGA2560-16AI Pictures	ATMEGA2560-16AI Image
ATMEGA2560-16AI PDF Datasheet	ATMEGA2560-16AI Download Datasheet	ATMEGA2560-16AI Datasheet
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Related Products

 ATMEGA2560-16CUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 7687 pcs RFQ	 ATMEGA2560-16CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 8574 pcs RFQ
 ATMEGA16U4-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 31817 pcs RFQ	 ATMEGA2560-16CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100CBGA In stock: 12951 pcs RFQ
 ATMEGA16U4-MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 29670 pcs RFQ	 ATMEGA16U4-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 21046 pcs RFQ
 ATMEGA16U2-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 32VQFN In stock: 40042 pcs RFQ	 ATMEGA2560-16AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 8188 pcs RFQ
 ATMEGA2560R212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: 3136 pcs RFQ	 ATMEGA2560-16AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 100TQFP In stock: 10056 pcs RFQ
 ATMEGA16U4-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 21530 pcs RFQ	 ATMEGA16U4-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 23043 pcs RFQ