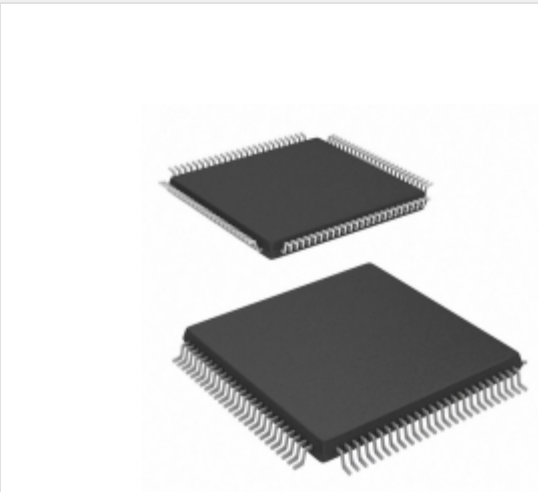


ATMEGA2560-16AI





Part Number:

ATMEGA2560-16AI

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 8BIT 256KB FLASH 100TQFP

Data sheet:

 [ATMEGA640, 1280-81, 2560-61\(V\) Complete](#)

 [ATMEGA640, 1280\(81\) 2560\(61\)\(V\) Summary](#)

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

Hong Kong

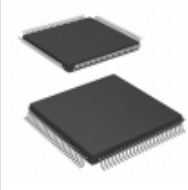
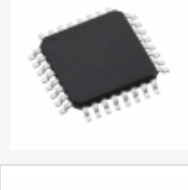
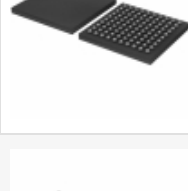
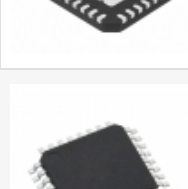
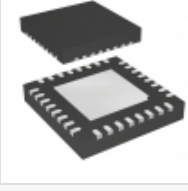
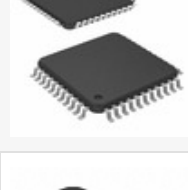
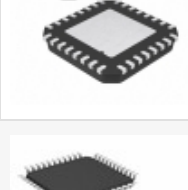
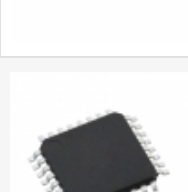
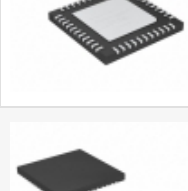
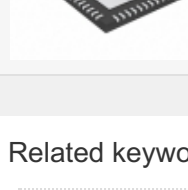
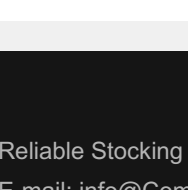
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
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	4168 pcs	Data sheet	ATMEGA640, 1280-81, 2560-61(V) Complete ATMEGA640, 1280(81) 2560(61)(V) Summary
Category	Integrated Circuits (ICs)	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		
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	Part#: ATMEGA2560V-8AU Description: IC MCU 8BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16U2-AUR Description: IC MCU 8BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA2560R212-CU Description: IC RF TXRX+MCU 802.15.4 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA2560R231-CU Description: IC RF TXRX+MCU 802.15.4 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16U2-MUR Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16M1-AU Description: IC MCU 8BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA2560-16AUR Description: IC MCU 8BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA2560V-8AI Description: IC MCU 8BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16M1-MU Description: IC MCU 8BIT 16KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16U4-AUR Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16U2-MU Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16U4-AU Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA2560-16CU Description: IC MCU 8BIT 256KB FLASH 100CBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16U2-AU Description: IC MCU 8BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA2560R231-AU Description: IC RF TXRX+MCU 802.15.4 100-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA2560-16CUR Description: IC MCU 8BIT 256KB FLASH 100CBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA2560-16AU Description: IC MCU 8BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA2560R212-AU Description: IC RF TXRX+MCU 802.15.4 100-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16U4-MUR Description: IC MCU 8BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA16U4-MU Description: IC MCU 8BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATMEGA2560-16AI

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