

ATMEGA329-16MI





Part Number: [ATMEGA329-16MI](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 64QFN

Data sheet:  [ATmega329, 649, 3290, 6490\(V\) Summary](#)
 [ATmega329, 649, 3290, 6490\(V\) Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

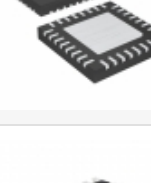
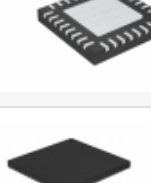
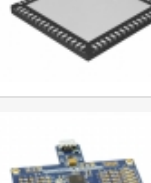
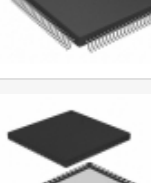
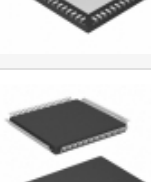
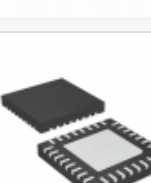
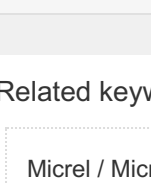
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PRODUCT PARAMETER			
Part Number	ATMEGA329-16MI	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 64QFN	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5607 pcs	Data sheet	ATmega329, 649, 3290, 6490(V) Summary ATmega329, 649, 3290, 6490(V) Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-QFN (9x9)	Speed	16MHz
Series	AVR® ATmega	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (16K x 16)
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	54
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	1K x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 32KB (16K x 16) FLASH 64-QFN (9x9)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	SPI, UART/USART, USI
Base Part Number	ATMEGA329		
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RELATED PRODUCTS			
	Part#: ATMEGA3290P-20AUR Description: IC MCU 8BIT 32KB FLASH 100TQFP	Manufacturers: Microchip Technology	RFQ
	Part#: ATMEGA3290-16AI Description: IC MCU 8BIT 32KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA328PB-AUR Description: IC MCU 8BIT 32KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA329-16AI Description: IC MCU 8BIT 32KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA3290PA-AU Description: IC MCU 8BIT 32KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA329-16AU Description: IC MCU 8BIT 32KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA328PB-AU Description: IC MCU 8BIT 32KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA329-16MU Description: IC MCU 8BIT 32KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA3290A-AUR Description: IC MCU 8BIT 32KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA329-16MUR Description: IC MCU 8BIT 32KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA3290-16AUR Description: IC MCU 8BIT 32KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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