

ATMEGA6490-16AI





Part Number: [ATMEGA6490-16AI](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 100TQFP

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

RoHS Status: Contains lead / RoHS non-compliant

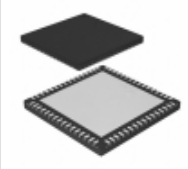
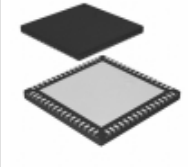
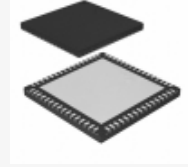
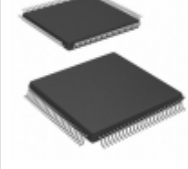
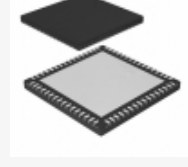
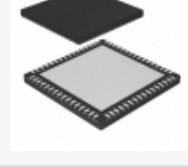
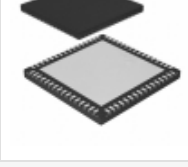
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PRODUCT PARAMETER			
Part Number	ATMEGA6490-16AI	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 100TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5893 pcs	Data sheet	ATmega329, 649, 3290, 6490(V) Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-TQFP (14x14)	Speed	16MHz
Series	AVR® ATmega	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	68
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	2K x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 64KB (32K x 16) FLASH 100-TQFP (14x14)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	SPI, UART/USART, USI
Base Part Number	ATMEGA6490		
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RELATED PRODUCTS			
	Part#: ATMEGA649-16MUR Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA649A-AU Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA6490V-8AUR Description: IC MCU 8BIT 64KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA649-16MU Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for ATMEGA6490-16AI			
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