

ATMEGA645V-8AI





Part Number: [ATMEGA645V-8AI](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 64TQFP

Data sheet:  [ATMEGA325, 645, 3250, 6450\(V\) Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

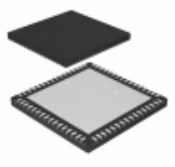
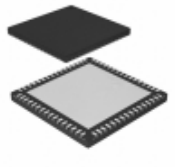
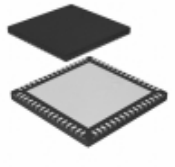
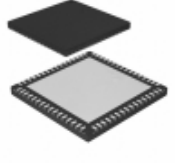
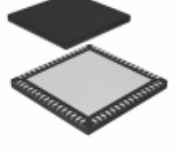
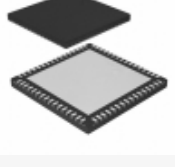
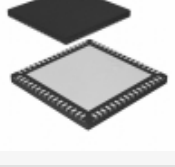
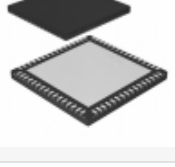
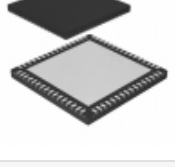
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PRODUCT PARAMETER			
Part Number	ATMEGA645V-8AI	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 64TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	6002 pcs	Data sheet	ATMEGA325, 645, 3250, 6450(V) Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	64-TQFP (14x14)	Speed	8MHz
Series	AVR® ATmega	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	53
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 8MHz 64KB (32K x 16) FLASH 64-TQFP (14x14)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	SPI, UART/USART, USI
Base Part Number	ATMEGA645		
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RELATED PRODUCTS			
	Part#: ATMEGA6450V-8AU Description: IC MCU 8BIT 64KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA645V-8MUR Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA645P-AUR Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA649-16AUR Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA649-16MI Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA645A-MU Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA649-16AI Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for ATMEGA645V-8AI			
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