

AT90USB646-AU



Part Number: [AT90USB646-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 64TQFP

Data sheet:  [AT90USB\(64x,128x\) Summary](#)
 [AT90USB64x,128x Complete](#)

RoHs Status: Lead free / RoHS Compliant

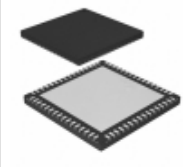
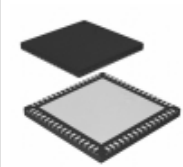
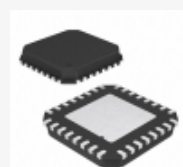
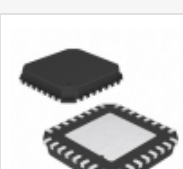
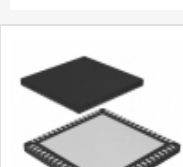
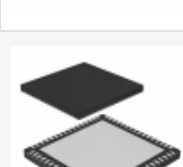
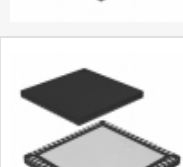
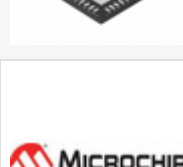
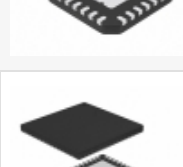
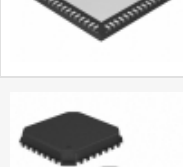
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AT90USB646-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16157 pcs	Data sheet	AT90USB(64x,128x) Summary AT90USB64x,128x Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-TQFP (14x14)	Speed	16MHz
Series	AVR® 90USB	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP	Other Names	AT90USB646AU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	48	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	AVR AVR® 90USB Microcontroller IC 8-Bit 16MHz 64KB (64K x 8) FLASH 64-TQFP (14x14)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	EBI/EMI, I²C, SPI, UART/USART, USB, USB OTG
Base Part Number	AT90USB646		
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	Part#: AT90USB647-AU Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT90USB82-16MUR Description: IC MCU 8BIT 8KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT90USB1287-AUR Description: IC MCU 8BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT90USB162-16MUR Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT90USB646-MU Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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