





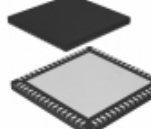
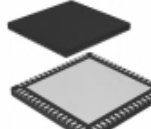

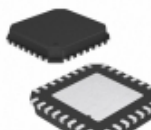
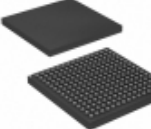





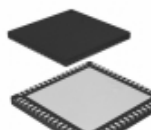






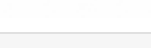
AT90USB647-AU

	
<p>Images are for reference only. See Product Specifications for product details. Buy AT90USB647-AU with confidence from Component-World.HK, 1 Year Warranty</p>	<p>Part Number: AT90USB647-AU</p> <p>Manufacturer: Micrel / Microchip Technology</p> <p>Description: IC MCU 8BIT 64KB FLASH 64TQFP</p> <p>Data sheet: PDF AT90USB(64x,128x) Summary PDF AT90USB64x,128x Complete</p> <p>RoHS Status: Lead free / RoHS Compliant</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
	Request For Quotation

PRODUCT PARAMETER	
Part Number	AT90USB647-AU
Description	IC MCU 8BIT 64KB FLASH 64TQFP
Quantity Available	16878 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	64-TQFP (14x14)
Series	AVR® 90USB
Program Memory Type	FLASH
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Package / Case	64-TQFP
Oscillator Type	Internal
Number of I/O	48
Manufacturer Standard Lead Time	8 Weeks
EEPROM Size	2K x 8
Data Converters	A/D 8x10b
Core Processor	AVR
Base Part Number	AT90USB647
Manufacturer	Micrel / Microchip Technology
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	AT90USB(64x,128x) Summary AT90USB64x,128x Complete
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Speed	16MHz
RAM Size	4K x 8
Program Memory Size	64KB (64K x 8)
Packaging	Tray
Other Names	AT90USB647-16AU AT90USB647-16AU-ND AT90USB647AU
Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	AVR AVR® 90USB Microcontroller IC 8-Bit 16MHz 64KB (64K x 8) FLASH 64-TQFP (14x14)
Core Size	8-Bit
Connectivity	EBI/EMI, I ² C, SPI, UART/USART, USB, USB OTG

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RELATED PRODUCTS

	<p>Part#: AT90USB162-16AUR</p> <p>Description: IC MCU 8BIT 16KB FLASH 32TQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: AT90USB162-16AU</p> <p>Description: IC MCU 8BIT 16KB FLASH 32TQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: AT90USB646-MU</p> <p>Description: IC MCU 8BIT 64KB FLASH 64QFN</p>	Manufacturers: Micrel / Microchip Technology	RFQ
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	<p>Part#: AT91CAP7E-NA-ZJ</p> <p>Description: IC MCU 32BIT 256KB ROM 225LFBGA</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: AT90USBKEY2</p> <p>Description: KIT DEMO FOR AT90USB</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: AT91CAP7X-DK33</p> <p>Description: KIT DEV FOR CAP7 3.3V MEM BOARD</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: AT91CAP7A-NA-STK</p> <p>Description: KIT STARTER CAP7 W/ALTERA FPGA</p>	Manufacturers: Micrel / Microchip Technology	RFQ
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	<p>Part#: AT90USB1287-MU</p> <p>Description: IC MCU 8BIT 128KB FLASH 64QFN</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: AT91CAP7A-STK</p> <p>Description: KIT STARTER FOR CAP CUSTOM MCU</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: AT90USB647-MU</p> <p>Description: IC MCU 8BIT 64KB FLASH 64QFN</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: AT90USB1287-MUR</p> <p>Description: IC MCU 8BIT 128KB FLASH 64QFN</p>	Manufacturers: Micrel / Microchip Technology	RFQ
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