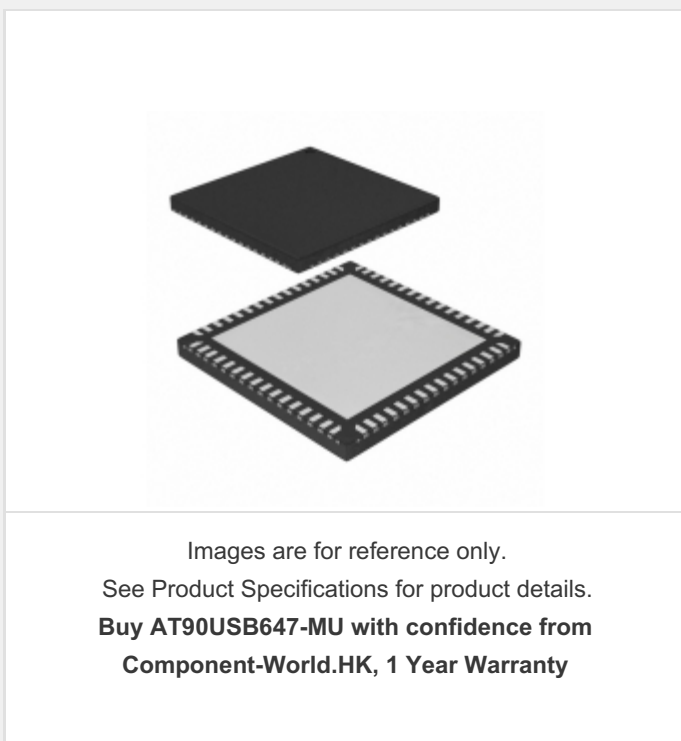


AT90USB647-MU



Part Number: [AT90USB647-MU](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 8BIT 64KB FLASH 64QFN
Data sheet: [PDF AT90USB64x,128x Summary](#)
[PDF AT90USB64x,128x Complete](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
 See Product Specifications for product details.
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PRODUCT PARAMETER	
Part Number	AT90USB647-MU
Description	IC MCU 8BIT 64KB FLASH 64QFN
Quantity Available	18289 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	64-QFN (9x9)
Series	AVR® 90USB
Program Memory Type	FLASH
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Package / Case	64-VFQFN Exposed Pad
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	AT90USB64x,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	AT90USB647-16MU AT90USB647-16MU-ND Q4939729A
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-QFN (9x9)
Core Size	8-Bit
Connectivity	EBI/EMI, I ² C, SPI, UART/USART, USB, USB OTG

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	Part#: AT90USB82-16MU Description: IC MCU 8BIT 8KB FLASH 32VQFN Manufacturers: Micrel / Microchip Technology RFQ
	Part#: AT91CAP7A-STK Description: KIT STARTER FOR CAP CUSTOM MCU Manufacturers: Micrel / Microchip Technology RFQ
	Part#: AT91CAP7E-NA-ZJ Description: IC MCU 32BIT 256KB ROM 225LFBGA Manufacturers: Micrel / Microchip Technology RFQ
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