

AT90USB646-MU

Manufacturer Part Number:	AT90USB646-MU
Manufacturer / Brand:	Micrel / Microchip Technology
Part of Description:	IC MCU 8BIT 64KB FLASH 64QFN
Datasheets:	AT90USB646-MU(1).pdf AT90USB646-MU(2).pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 14500 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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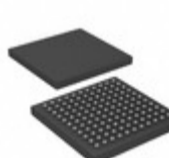
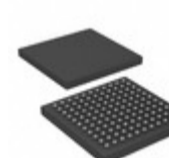




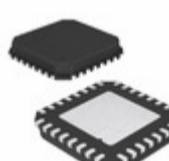

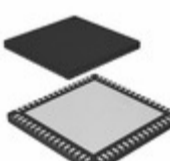
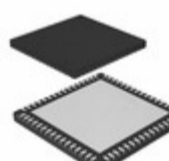
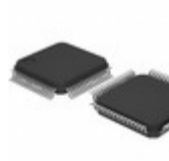



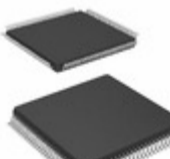

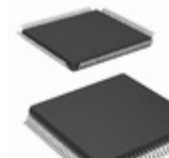


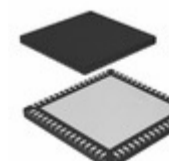
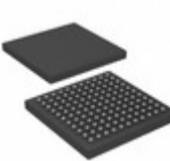





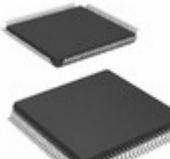



The specifications of AT90USB646-MU

Part Number	AT90USB646-MU	Manufacturer / Brand	Micrel / Microchip Technology
Series	AVR® 90USB	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Base Part Number	AT90USB646	Package / Case	64-VFQFN Exposed Pad
Packaging	Tray	Supplier Device Package	64-QFN (9x9)
Operating Temperature	-40°C ~ 85°C (TA)	Detailed Description	AVR AVR® 90USB Microcontroller IC 8-Bit 16MHz 64KB (64K x 8) FLASH 64-QFN (9x9)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Core Processor	AVR
Speed	16MHz	Number of I/O	48
EEPROM Size	2K x 8	RAM Size	4K x 8
Core Size	8-Bit	Connectivity	EBI/EMI, I²C, SPI, UART/USART, USB, USB OTG
Program Memory Size	64KB (64K x 8)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V	Data Converters	A/D 8x10b
Oscillator Type	Internal	Other Names	AT90USB646-16MU AT90USB646-16MU-ND AT90USB646MU
Stock Quantity	14500 pcs Stock	Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Description	IC MCU 8BIT 64KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords realted to AT90USB646-MU

Micrel / Microchip Technology AT90USB646-MU	AT90USB646-MU part	AT90USB646-MU Price	AT90USB646-MU Distributor
AT90USB646-MU Technical	AT90USB646-MU Stock	AT90USB646-MU Inventory	AT90USB646-MU Supplier
AT90USB646-MU Online Order	AT90USB646-MU Inquiry	AT90USB646-MU Image	AT90USB646-MU Picture
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 <p>AT90USB82-16MU Description: IC MCU 8BIT 8KB FLASH 32VQFN Manufacturers: Micrel / Microchip Technology In Stock: New original, 2100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT90USB162-16AU Description: IC MCU 8BIT 16KB FLASH 32TQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 400 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT90SC6464C-USB-AL Description: AT90SC6464C-USB-AL ATMEL TQFP4 Manufacturers: Atmel (Microchip Technology) In Stock: New original, 300 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
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<p>IMAGE NOT AVAILABLE</p>  <p>AT90SC7272C Description: AT90SC7272C AT QFN Manufacturers: AT In Stock: New original, 400 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT91M40400-33AC Description: IC MCU 32BIT ROMLESS 100TQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 300 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p>  <p>AT90USB1287-16MU Description: AT90USB1287-16MU AT QFN64 Manufacturers: AT In Stock: New original, 400 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
 <p>AT90USB1287-16AU Description: AT90USB1287-16AU ATMEL QFP64 Manufacturers: Atmel (Microchip Technology) In Stock: New original, 2400 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT90USB1287-MU Description: IC MCU 8BIT 128KB FLASH 64QFN Manufacturers: Micrel / Microchip Technology In Stock: New original, 1000 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT91FR40162-CI Description: IC MCU 32BIT 2MB FLASH 121BGA Manufacturers: Micrel / Microchip Technology In Stock: New original, 100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
 <p>AT90SP0801 Description: AT90SP0801 ATMEL SOP20 Manufacturers: Atmel (Microchip Technology) In Stock: New original, 300 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT91FR40162S-CU Description: AT91FR40162S-CU ATMEL BGA Manufacturers: Atmel (Microchip Technology) In Stock: New original, 100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT90USB162-16MU QFN32 Description: AT90USB162-16MU QFN32 ATMEL QFN32 Manufacturers: Atmel (Microchip Technology) In Stock: New original, 1900 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
 <p>AT90USB162EAW-16MU Description: AT90USB162EAW-16MU ATMEL QFN32 Manufacturers: Atmel (Microchip Technology) In Stock: New original, 44100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT90USB64-16MU Description: AT90USB64-16MU ATMEL QFN64 Manufacturers: Atmel (Microchip Technology) In Stock: New original, 100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT91M40400-25AC Description: IC MCU 32BIT ROMLESS 100TQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
 <p>AT90USB647-AU Description: IC MCU 8BIT 64KB FLASH 64TQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 600 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT91FR4081-33CI Description: IC MCU 32BIT 1MB FLASH 120BGA Manufacturers: Micrel / Microchip Technology In Stock: New original, 800 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>AT90USB64-15MU Description: AT90USB64-15MU ATMEL QFN64 Manufacturers: Atmel (Microchip Technology) In Stock: New original, 100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>



IC Components Limited
WWW.IC-COMPONENTS.COM

Email: Info@IC-Components.com
TEL: 00 852 - 30501935
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong