



Micrel / Microchip Technology

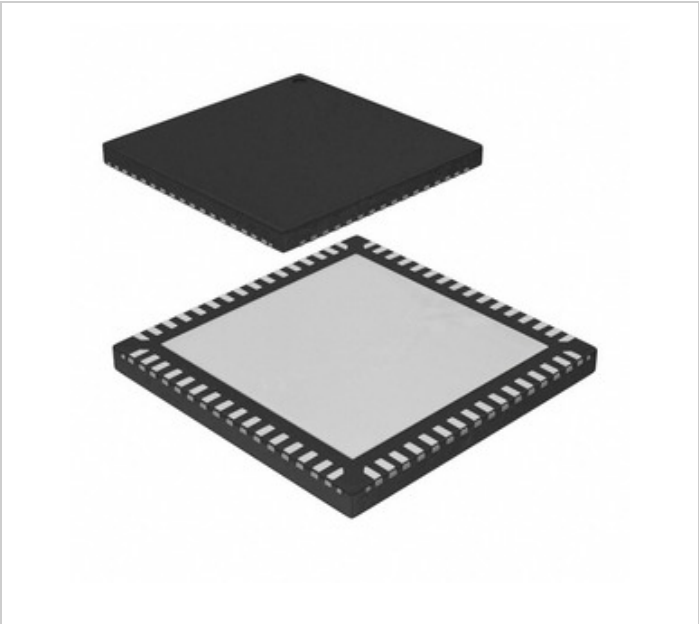


Image may be representation. See specifications for product details.

AT90USB646-MU

Part Number:	AT90USB646-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 64KB FLASH 64QFN
	PDF 1.AT90USB646-MU.pdf
	PDF 2.AT90USB646-MU.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

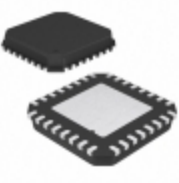
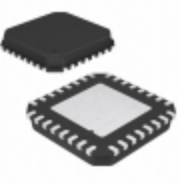
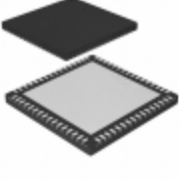
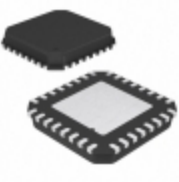
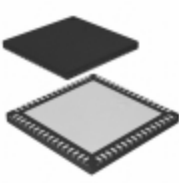
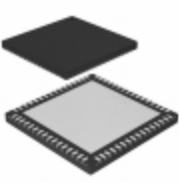
Specifications of AT90USB646-MU

PART NUMBER	AT90USB646-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 64KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.AT90USB646-MU.pdf PDF 2.AT90USB646-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
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-VFQFN Exposed Pad
OTHER NAMES	AT90USB646-16MU AT90USB646-16MU-ND AT90USB646MU
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	10 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-QFN (9x9)
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

Related Tags

Micrel / Microchip Technology AT90USB646-MU	AT90USB646-MU Distributor	AT90USB646-MU Supplier
AT90USB646-MU Price	AT90USB646-MU Pictures	AT90USB646-MU Image
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Related Products

 AT90USB162-16MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 16KB FLASH 32VQFN In stock: Out stock RFQ	 AT90USB647-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 719 pcs RFQ
 AT90USB82-16MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 8KB FLASH 32VQFN In stock: Out stock RFQ	 AT90USB162-16MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 32VQFN In stock: Out stock RFQ
 AT90USB647-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 675 pcs RFQ	 AT90USB162-16AUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 16KB FLASH 32TQFP In stock: 3 pcs RFQ
 AT90USB646-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock RFQ	 AT90USB647-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 64KB FLASH 64QFN In stock: Out stock RFQ
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