

AT90USB162-16AU



Part Number: [AT90USB162-16AU](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 8BIT 16KB FLASH 32TQFP
Data sheet: [PDF AT90USB82,162](#)
[PDF AT90USB82,162 Summary](#)

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

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 See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	AT90USB162-16AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 32TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45133 pcs	Data sheet	AT90USB82,162 AT90USB82,162 Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	32-TQFP (7x7)	Speed	16MHz
Series	AVR® 90USB	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	32-TQFP	Other Names	AT90USB16216AU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	22	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	512 x 8	Detailed Description	AVR AVR® 90USB Microcontroller IC 8-Bit 16MHz 16KB (16K x 8) FLASH 32-TQFP (7x7)
Data Converters	-	Core Size	8-Bit
Core Processor	AVR	Connectivity	EBI/EMI, PS/2, SPI, UART/USART, USB
Base Part Number	AT90USB162		

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	Part#: AT90USB1287-MUR Description: IC MCU 8BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT90USB647-MU Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT90USB1287-MU Description: IC MCU 8BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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