



Microchip Technology

## AT90USB162-16MUR

Part Number:	AT90USB162-16MUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 16KB FLASH 32VQFN
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	42376 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of AT90USB162-16MUR

PART NUMBER	AT90USB162-16MUR
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 32VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	42376 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
VOLTAGE - BREAKDOWN	32-VQFN (5x5)
SERIES	AVR® 90USB
ROHS STATUS	Digi-Reel®
REVERSE RECOVERY TIME (TRR)	16MHz
REQUIRES	Brown-out Detect/Reset, POR, PWM, WDT
PROGRAM MEMORY TYPE	16KB (16K x 8)
PROGRAM MEMORY SIZE	EBI/EMI, PS/2, SPI, UART/USART, USB
POLARIZATION	32-VFQFN Exposed Pad
OTHER NAMES	1611-AT90USB162-16MURDKR
OSCILLATOR TYPE	-
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	AVR
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER PART NUMBER	AT90USB162-16MUR
EXPANDED DESCRIPTION	AVR AVR® 90USB Microcontroller IC 8-Bit 16MHz 16KB (16K x 8) FLASH 32-VQFN (5x5)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 32VQFN
DATA SRAM BYTES	512 x 8
DATA CONVERTERS	2.7 V ~ 5.5 V
CORE SIZE	512 x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	8-Bit
CLOCK RATE	22

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