

ATMEGA48PB-MU





Part Number: [ATMEGA48PB-MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 4KB FLASH 32VFQFN

Data sheet:  [ATmega48/88/168PB Summary](#)
 [ATmega48/88/168PB Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

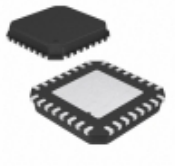
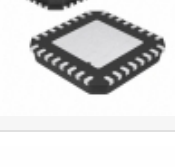
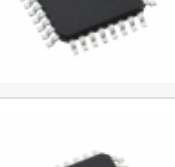
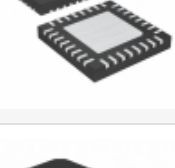
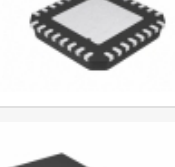
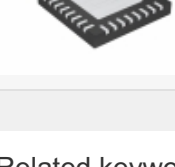
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ATMEGA48PB-MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 4KB FLASH 32VFQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	73462 pcs	Data sheet	ATmega48/88/168PB Summary ATmega48/88/168PB Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	32-VFQFN (5x5)	Speed	20MHz
Series	AVR® ATmega	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	4KB (2K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	32-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	27
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	256 x 8
Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 4KB (2K x 16) FLASH 32-VFQFN (5x5)	Data Converters	A/D 8x10b
Core Size	8-Bit	Core Processor	AVR
Connectivity	I²C, SPI, UART/USART	Base Part Number	ATMEGA48
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	Part#: ATMEGA48PV-10PU Description: IC MCU 8BIT 4KB FLASH 28DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48PA-MUR Description: IC MCU 8BIT 4KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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