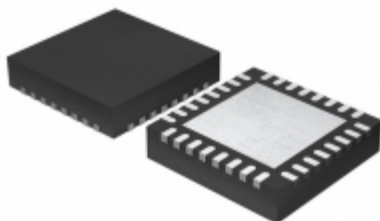


ATMEGA48PA-15MZ





Part Number: [ATMEGA48PA-15MZ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 4KB FLASH 32QFN

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

RoHs Status: Lead free / RoHS Compliant

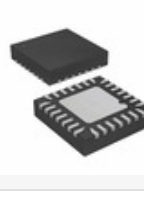
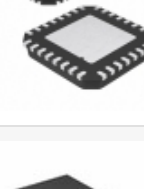
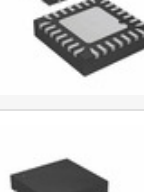
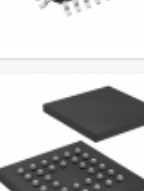
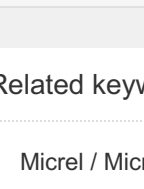
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	ATMEGA48PA-15MZ	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 4KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	38378 pcs	Data sheet	ATmega48/88/168PA Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	32-QFN (5x5)	Speed	16MHz
Series	Automotive, AEC-Q100, 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	Cut Tape (CT)
Package / Case	32-VFQFN Exposed Pad	Other Names	ATMEGA48PA-15MZCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	23	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	256 x 8
Detailed Description	AVR Automotive, AEC-Q100, AVR® ATmega Microcontroller IC 8-Bit 16MHz 4KB (2K x 16) FLASH 32-QFN (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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