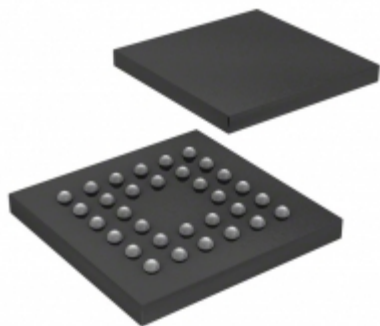


ATMEGA48A-CCU





Part Number: [ATMEGA48A-CCU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 4KB FLASH 32UFBGA

Data sheet:  [ATmega48A,88A,168A Complete](#)
 [ATmega48A,88A,168A Summary](#)

RoHs Status: Lead free / RoHS Compliant

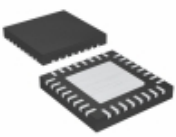
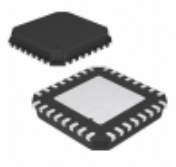
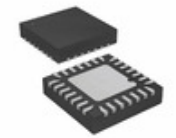
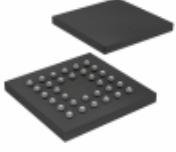
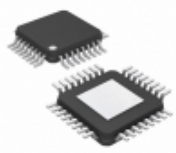
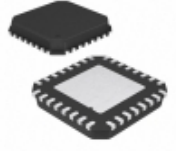
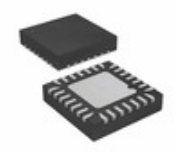
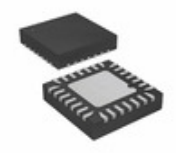
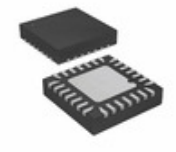
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	ATMEGA48A-CCU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 4KB FLASH 32UFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	72873 pcs	Data sheet	ATmega48A,88A,168A Complete ATmega48A,88A,168A Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	32-UFBGA (4x4)	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-UFBGA	Other Names	ATMEGA48ACCU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°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 AVR® ATmega Microcontroller IC 8-Bit 20MHz 4KB (2K x 16) FLASH 32-UFBGA (4x4)	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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RELATED PRODUCTS			
	Part#: ATMEGA4808-MFR Description: 20MHZ, 48KB, VQFN32, IND 125C, G	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48A-MU Description: IC MCU 8BIT 4KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA4809-MFR Description: 20MHZ, 48KB, UQFN48, IND 125C, G	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA4809-AFR Description: 20MHZ 48KB TQFP48 IND 125C GREEN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48A-MMHR Description: IC MCU 8BIT 4KB FLASH 28VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48A-CCUR Description: IC MCU 8BIT 4KB FLASH 32UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48A-AUR Description: IC MCU 8BIT 4KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48-20PI Description: IC MCU 8BIT 4KB FLASH 28DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA4808-AFR Description: 20MHZ, 48KB, TQFP32, IND 125C, G	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48A-PU Description: IC MCU 8BIT 4KB FLASH 28DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA48A-AU Description: IC MCU 8BIT 4KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48P-20AUR Description: IC MCU 8BIT 4KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48A-MMH Description: IC MCU 8BIT 4KB FLASH 28VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48P-20AU Description: IC MCU 8BIT 4KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48-20PU Description: IC MCU 8BIT 4KB FLASH 28DIP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATMEGA48A-CCU

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