

ATMEGA48-20PU



Part Number: [ATMEGA48-20PU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 4KB FLASH 28DIP

Data sheet:  [ATMEGA48/88/168\(V\) Complete](#)
 [ATMEGA48,88,168\(V\) Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

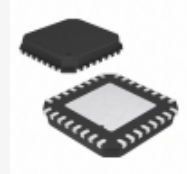
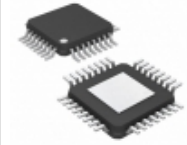
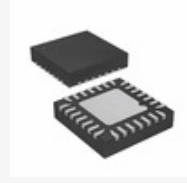
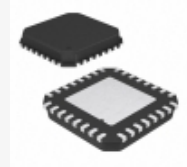
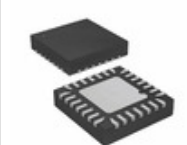
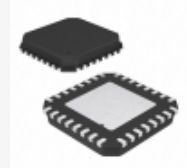
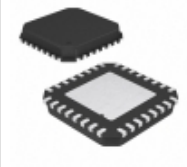
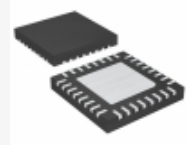
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ATMEGA48-20PU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 4KB FLASH 28DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	53346 pcs	Data sheet	ATMEGA48/88/168(V) Complete ATMEGA48,88,168(V) Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	28-PDIP	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	Tube
Package / Case	28-DIP (0.300", 7.62mm)	Other Names	ATMEGA4820PU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	23	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 28-PDIP
Data Converters	A/D 6x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATMEGA48		
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RELATED PRODUCTS			
	Part#: ATMEGA4809-MFR Description: 20MHZ, 48KB, UQFN48, IND 125C, G	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48A-AU 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#: ATMEGA48-20AUR Description: IC MCU 8BIT 4KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48A-CCUR Description: IC MCU 8BIT 4KB FLASH 32UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48-20PI Description: IC MCU 8BIT 4KB FLASH 28DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA48-20MI Description: IC MCU 8BIT 4KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA4809-XPRO Description: ATMEGA4809 XPLAINED PRO EVAL BRD	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA48A-CCU Description: IC MCU 8BIT 4KB FLASH 32UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA48-20PJ Description: IC MCU 8BIT 4KB FLASH 28DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA48-20MJ Description: IC MCU 8BIT 4KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA4808-MFR Description: 20MHZ, 48KB, VQFN32, IND 125C, G	Manufacturers: Micrel / Microchip Technology	RFQ

Micrel / Microchip Technology ATMEGA48-20PU	ATMEGA48-20PU distributor	ATMEGA48-20PU supplier	ATMEGA48-20PU price
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