



Micrel / Microchip Technology

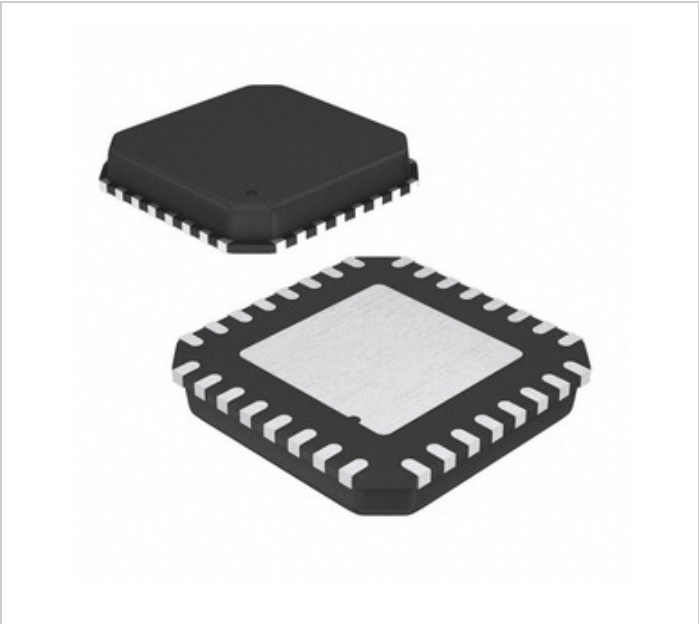


Image may be representation. See specifications for product details.

ATMEGA48-20MI

Part Number:	ATMEGA48-20MI
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 4KB FLASH 32VQFN
	PDF 1.ATMEGA48-20MI.pdf
	PDF 2.ATMEGA48-20MI.pdf
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

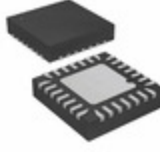
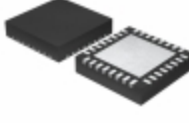
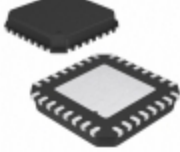
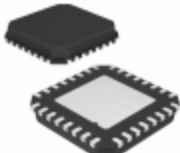
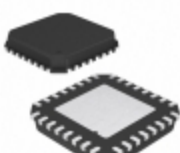
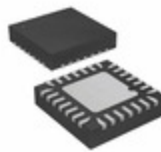
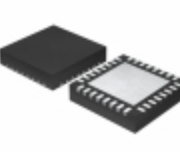
Specifications of ATMEGA48-20MI

PART NUMBER	ATMEGA48-20MI
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 4KB FLASH 32VQFN
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	PDF 1.ATMEGA48-20MI.pdf PDF 2.ATMEGA48-20MI.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	32-VQFN (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
OTHER NAMES	ATMEGA48-24MI ATMEGA48-24MI-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	23
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 4KB (2K x 16) FLASH 32-VQFN (5x5)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	ATMEGA48

Related Tags

Micrel / Microchip Technology ATMEGA48-20MI	ATMEGA48-20MI Distributor	ATMEGA48-20MI Supplier
ATMEGA48-20MI Price	ATMEGA48-20MI Pictures	ATMEGA48-20MI Image
ATMEGA48-20MI PDF Datasheet	ATMEGA48-20MI Download Datasheet	ATMEGA48-20MI Datasheet
ATMEGA48-20MI Stock	Buy ATMEGA48-20MI	Buy Micrel / Microchip Technology ATMEGA48-20MI
Micrel / Microchip Technology ATMEGA48-20MI	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATMEGA48-20MI	Microchip Technology ATMEGA48-20MI	Roving Networks / Microchip Technology ATMEGA48-20MI

Related Products

 ATMEGA48-20MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: Out stock RFQ	 ATMEGA48-20AJ Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: Out stock RFQ
 ATMEGA48-20AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: Out stock RFQ	 ATMEGA48-20MMH Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 28VQFN In stock: Out stock RFQ
 ATMEGA48-15MT1 Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32QFN In stock: Out stock RFQ	 ATMEGA48-20MJ Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: Out stock RFQ
 ATMEGA48-20AI Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: Out stock RFQ	 ATMEGA48-20MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: Out stock RFQ
 ATMEGA48-20AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: Out stock RFQ	 ATMEGA48-20MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: Out stock RFQ
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