



Micrel / Microchip Technology

## ATMEGA48-15MT

Part Number:	ATMEGA48-15MT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 4KB FLASH 32QFN
Datasheets:	ATMEGA48-15MT.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	21612 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of ATMEGA48-15MT

PART NUMBER	ATMEGA48-15MT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 4KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21612 pcs
DATA SHEET	ATMEGA48-15MT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 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	ATMEGA48-15MTCT
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 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	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	ATMEGA48

### Related Tags

Micrel / Microchip Technology ATMEGA48-15MT	ATMEGA48-15MT Distributor	ATMEGA48-15MT Supplier
ATMEGA48-15MT Price	ATMEGA48-15MT Pictures	ATMEGA48-15MT Image
ATMEGA48-15MT PDF Datasheet	ATMEGA48-15MT Download Datasheet	ATMEGA48-15MT Datasheet
ATMEGA48-15MT Stock	Buy ATMEGA48-15MT	Buy Micrel / Microchip Technology ATMEGA48-15MT
Micrel / Microchip Technology ATMEGA48-15MT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATMEGA48-15MT	Microchip Technology ATMEGA48-15MT	Roving Networks / Microchip Technology ATMEGA48-15MT

### Related Products

<p><b>ATMEGA48-20AI</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: 2806 pcs</p> <p><b>RFQ</b></p>	<p><b>ATMEGA48-20AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: 53018 pcs</p> <p><b>RFQ</b></p>
<p><b>ATMEGA48-15AZV</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: 6804 pcs</p> <p><b>RFQ</b></p>	<p><b>ATMEGA48-15AT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: 3454 pcs</p> <p><b>RFQ</b></p>
<p><b>ATMEGA32U4RC-MUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN In stock: 23129 pcs</p> <p><b>RFQ</b></p>	<p><b>ATMEGA48-15AT1</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: 5874 pcs</p> <p><b>RFQ</b></p>
<p><b>ATMEGA48-15AZ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: 4735 pcs</p> <p><b>RFQ</b></p>	<p><b>ATMEGA48-15MT1</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32QFN In stock: 4578 pcs</p> <p><b>RFQ</b></p>
<p><b>ATMEGA406-1AAU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 40KB FLASH 48LQFP In stock: 13602 pcs</p> <p><b>RFQ</b></p>	<p><b>ATMEGA48-20AJ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: 6622 pcs</p> <p><b>RFQ</b></p>
<p><b>ATMEGA48-15MZ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32QFN In stock: 4563 pcs</p> <p><b>RFQ</b></p>	<p><b>ATMEGA48-20AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: 53482 pcs</p> <p><b>RFQ</b></p>

