




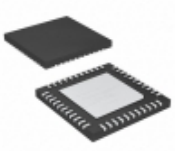

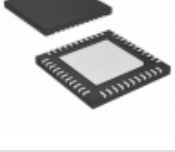




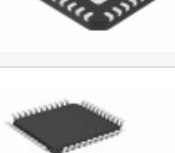



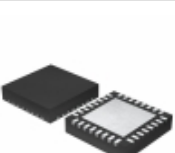








ATMEGA48-15AT1

	
<p>Images are for reference only. See Product Specifications for product details. Buy ATMEGA48-15AT1 with confidence from Component-World.HK, 1 Year Warranty</p>	<p>Part Number: ATMEGA48-15AT1</p> <p>Manufacturer: Micrel / Microchip Technology</p> <p>Description: IC MCU 8BIT 4KB FLASH 32TQFP</p> <p>Data sheet:  ATMEGA48/88/168 Auto Datasheet</p> <p>RoHS Status: Lead free / RoHS Compliant</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
Request For Quotation	

PRODUCT PARAMETER	
Part Number	ATMEGA48-15AT1
Description	IC MCU 8BIT 4KB FLASH 32TQFP
Quantity Available	5275 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	32-TQFP (7x7)
Series	Automotive, AEC-Q100, AVR@ ATmega
Program Memory Type	FLASH
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Package / Case	32-TQFP
Oscillator Type	Internal
Number of I/O	23
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	AVR Automotive, AEC-Q100, AVR@ ATmega Microcontroller IC 8-Bit 16MHz 4KB (2K x 16) FLASH 32-TQFP (7x7)
Core Size	8-Bit
Connectivity	IC, SPI, UART/USART
Manufacturer	Micrel / Microchip Technology
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	ATMEGA48/88/168 Auto Datasheet
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Speed	16MHz
RAM Size	512 x 8
Program Memory Size	4KB (2K x 16)
Packaging	Tape & Reel (TR)
Other Names	ATMEGA48-15AT1-ND ATMEGA48-15AT1TR ATMEGA4815AT1
Operating Temperature	-40°C ~ 105°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
EEPROM Size	256 x 8
Data Converters	A/D 8x10b
Core Processor	AVR
Base Part Number	ATMEGA48

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