



Microchip Technology



ATMEGA48PA-MMNR

Part Number:	ATMEGA48PA-MMNR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 4KB FLASH 28VQFN
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	56405 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.

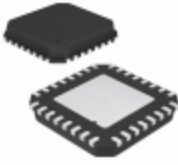
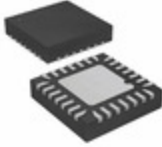
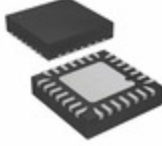
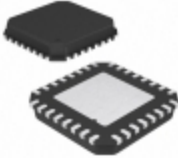
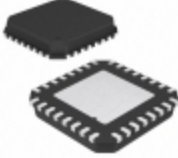
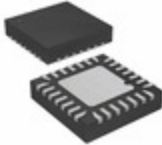
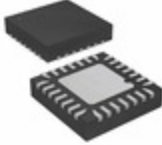
Specifications of ATMEGA48PA-MMNR

PART NUMBER	ATMEGA48PA-MMNR
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 8BIT 4KB FLASH 28VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	56405 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
VOLTAGE - BREAKDOWN	28-VQFN (4x4)
SERIES	AVR® ATmega
ROHS STATUS	Digi-Reel®
REVERSE RECOVERY TIME (TRR)	20MHz
REQUIRES	Brown-out Detect/Reset, POR, PWM, WDT
PROGRAM MEMORY TYPE	4KB (2K x 16)
PROGRAM MEMORY SIZE	I²C, SPI, UART/USART
POLARIZATION	28-VQFN Exposed Pad
OTHER NAMES	1611-ATMEGA48PA-MMNRDKR
OSCILLATOR TYPE	A/D 8x10b
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
OPERATING SYSTEM	AVR
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER PART NUMBER	ATMEGA48PA-MMNR
EXPANDED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 4KB (2K x 16) FLASH 28-VQFN (4x4)
DESCRIPTION	IC MCU 8BIT 4KB FLASH 28VQFN
DATA SRAM BYTES	256 x 8
DATA CONVERTERS	1.8 V ~ 5.5 V
CORE SIZE	512 x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	8-Bit
CLOCK RATE	23

Related Tags

Micrel / Microchip Technology ATMEGA48PA-MMNR	ATMEGA48PA-MMNR Distributor	ATMEGA48PA-MMNR Supplier
ATMEGA48PA-MMNR Price	ATMEGA48PA-MMNR Pictures	ATMEGA48PA-MMNR Image
ATMEGA48PA-MMNR PDF Datasheet	ATMEGA48PA-MMNR Download Datasheet	ATMEGA48PA-MMNR Datasheet
ATMEGA48PA-MMNR Stock	Buy ATMEGA48PA-MMNR	Buy Micrel / Microchip Technology ATMEGA48PA-MMNR
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Related Products

 ATMEGA48PA-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: 71946 pcs RFQ	 ATMEGA48PA-MMN Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 28VQFN In stock: 129888 pcs RFQ
 ATMEGA48PA-MMH Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 28VQFN In stock: 70235 pcs RFQ	 ATMEGA48PA-MNR Manufacturers: Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: 79675 pcs RFQ
 ATMEGA48PA-MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: 76483 pcs RFQ	 ATMEGA48PA-CCUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32UFBGA In stock: 76166 pcs RFQ
 ATMEGA48PA-CCUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32UFBGA In stock: 75444 pcs RFQ	 ATMEGA48PA-MNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: 95260 pcs RFQ
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