



Micrel / Microchip Technology

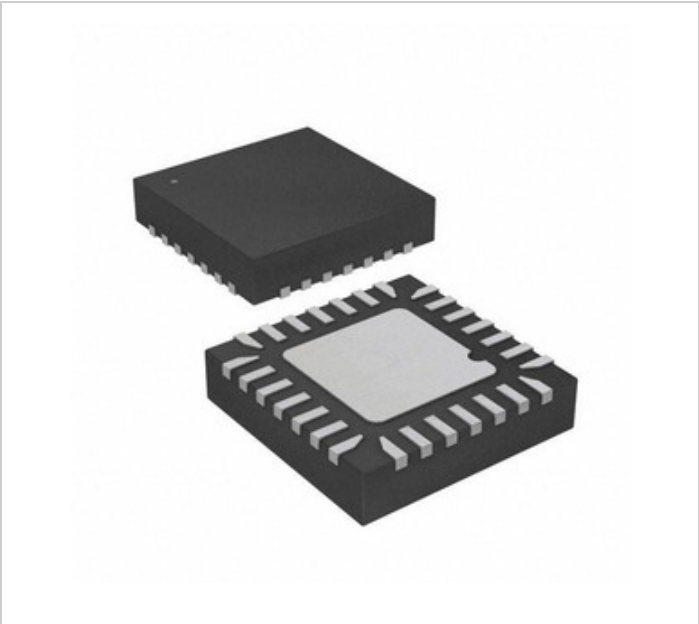


Image may be representation. See specifications for product details.

ATMEGA48PA-MMNR

Part Number:	ATMEGA48PA-MMNR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 4KB FLASH 28VQFN
Datasheets:	1.ATMEGA48PA-MMNR.pdf 2.ATMEGA48PA-MMNR.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

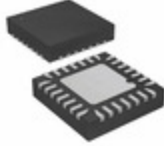
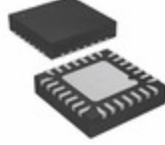
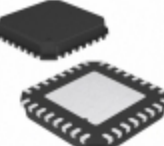
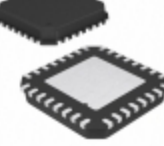
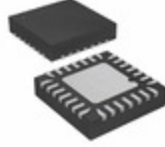
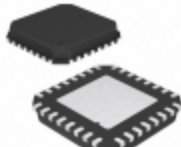
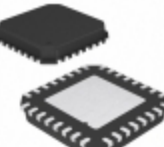
Specifications of ATMEGA48PA-MMNR

PART NUMBER	ATMEGA48PA-MMNR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 4KB FLASH 28VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATMEGA48PA-MMNR.pdf 2.ATMEGA48PA-MMNR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-VQFN (4x4)
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	Tape & Reel (TR)
PACKAGE / CASE	28-VFQFN Exposed Pad
OTHER NAMES	ATMEGA48PA-MMNR-ND ATMEGA48PA-MMNRTR ATMEGA48PAMMNR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°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 AVR® ATmega Microcontroller IC 8-Bit 20MHz 4KB (2K x 16) FLASH 28-VQFN (4x4)
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 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
Micrel / Microchip Technology ATMEGA48PA-MMNR	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATMEGA48PA-MMNR	Microchip Technology ATMEGA48PA-MMNR	Roving Networks / Microchip Technology ATMEGA48PA-MMNR

Related Products

 ATMEGA48PA-MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: 34 pcs RFQ	 ATMEGA48PA-CCUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32UFBGA In stock: Out stock RFQ
 ATMEGA48PA-MMHR Manufacturers: Microchip Technology Description: IC MCU 8BIT 4KB FLASH 28VQFN In stock: 878 pcs RFQ	 ATMEGA48PA-MMHR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 28VQFN In stock: Out stock RFQ
 ATMEGA48PA-MMN Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 28VQFN In stock: Out stock RFQ	 ATMEGA48PA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: Out stock RFQ
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 ATMEGA48PA-MMH Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 4KB FLASH 28VQFN In stock: 432 pcs RFQ	 ATMEGA48PA-MNR Manufacturers: Microchip Technology Description: IC MCU 8BIT 4KB FLASH 32VQFN In stock: 302 pcs RFQ
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