

ATMEGA48PA-PN



Part Number: [ATMEGA48PA-PN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 4KB FLASH 28DIP

Data sheet:  [ATmega48PA/88PA/168PA Summary](#)
 [ATmega48PA/88PA/168PA Complete](#)

RoHs Status: Lead free / RoHS Compliant

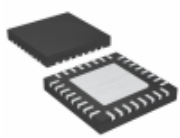
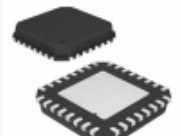
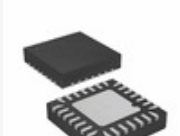
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PRODUCT PARAMETER			
Part Number	ATMEGA48PA-PN	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 4KB FLASH 28DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	82456 pcs	Data sheet	ATmega48PA/88PA/168PA Summary ATmega48PA/88PA/168PA Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	28-PDIP	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	Tube
Package / Case	28-DIP (0.300", 7.62mm)	Other Names	1611-ATMEGA48PA-PN
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	23	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	16 Weeks	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-PDIP
Data Converters	A/D 6x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATMEGA48		
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