

ATMEGA1284P-MU





Part Number: [ATMEGA1284P-MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 44VQFN

Data sheet:  [ATMEGA164,324,644,1284\(A,P,P\) Summary](#)
 [ATMEGA164,324,644,1284\(A,P,PA\) Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

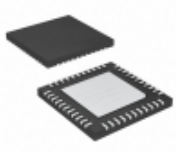
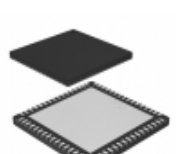
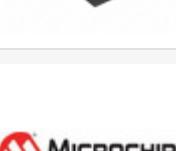
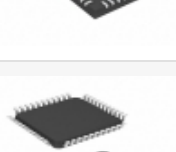
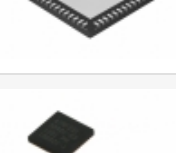
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATMEGA1284P-MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 128KB FLASH 44VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23894 pcs	Data sheet	ATMEGA164,324,644,1284(A,P,P) Summary ATMEGA164,324,644,1284(A,P,PA) Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	44-VQFN (7x7)	Speed	20MHz
Series	AVR® ATmega	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (64K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	44-VFQFN Exposed Pad	Other Names	ATMEGA1284PMU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	32	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	4K x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 128KB (64K x 16) FLASH 44-VQFN (7x7)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATMEGA1284		
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RELATED PRODUCTS			
	Part#: ATMEGA1284-MUR Description: IC MCU 8BIT 128KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284P-AU Description: IC MCU 8BIT 128KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284RFR2-ZF Description: IC RF TXRX+MCU 802.15.4 48-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284P-PU Description: IC MCU 8BIT 128KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1281V-8MU Description: IC MCU 8BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284-PU Description: IC MCU 8BIT 128KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284P-XPLD Description: MEGA-1284P XPLAINED EVAL KIT	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA1284PR212-MU Description: IC RF TXRX+MCU 802.15.4/ISM QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284PR212-AU Description: IC RF TXRX+MCU 802.15.4 44-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284RFR2-ZFR Description: IC RF TXRX+MCU 802.15.4 48-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284PR231-AU Description: IC RF TXRX+MCU 802.15.4 44-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284P-MUR Description: IC MCU 8BIT 128KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284RFR2-ZU Description: IC RF TXRX+MCU 802.15.4 48-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA1284-AUR Description: IC MCU 8BIT 128KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1281V-8MUR Description: IC MCU 8BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA1284PR231-MU Description: IC RF TXRX+MCU 802.15.4/ISM QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA1281V-8AUR Description: IC MCU 8BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATMEGA1284P-MU

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