



Micrel / Microchip Technology

ATMEGA1284P-MU

Part Number:	ATMEGA1284P-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 128KB FLASH 44VQFN
Datasheets:	1.ATMEGA1284P-MU.pdf 2.ATMEGA1284P-MU.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	16749 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of ATMEGA1284P-MU

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	16749 pcs
DATA SHEET	1.ATMEGA1284P-MU.pdf 2.ATMEGA1284P-MU.pdf
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)
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	I ² C, SPI, UART/USART
BASE PART NUMBER	ATMEGA1284

Related Tags

Micrel / Microchip Technology ATMEGA1284P-MU	ATMEGA1284P-MU Distributor	ATMEGA1284P-MU Supplier
ATMEGA1284P-MU Price	ATMEGA1284P-MU Pictures	ATMEGA1284P-MU Image
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Related Products

<p>ATMEGA1284P-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44TQFP In stock: 23385 pcs RFQ</p>	<p>ATMEGA1284-MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44VQFN In stock: 23634 pcs RFQ</p>
<p>ATMEGA1284-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44VQFN In stock: 22220 pcs RFQ</p>	<p>ATMEGA1284PR231-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 44-TQFP In stock: 6831 pcs RFQ</p>
<p>ATMEGA1284P-XPLD Manufacturers: Micrel / Microchip Technology Description: MEGA-1284P XPLAINED EVAL KIT In stock: 3336 pcs RFQ</p>	<p>ATMEGA1284PR212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 44-TQFP In stock: 3928 pcs RFQ</p>
<p>ATMEGA1284P-PU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 40DIP In stock: 15083 pcs RFQ</p>	<p>ATMEGA1284PR212-MU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4/ISM QFN In stock: 5737 pcs RFQ</p>
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<p>ATMEGA1284P-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44TQFP In stock: 17118 pcs RFQ</p>	<p>ATMEGA1284-PU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 40DIP In stock: 17808 pcs RFQ</p>