



Micrel / Microchip Technology

## ATMEGA1284P-AU

Part Number:	ATMEGA1284P-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 128KB FLASH 44TQFP
Datasheets:	<a href="#">1.ATMEGA1284P-AU.pdf</a> <a href="#">2.ATMEGA1284P-AU.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	17118 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-AU

PART NUMBER	ATMEGA1284P-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 128KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17118 pcs
DATA SHEET	<a href="#">1.ATMEGA1284P-AU.pdf</a> <a href="#">2.ATMEGA1284P-AU.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
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-TQFP
OTHER NAMES	ATMEGA1284PAU
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-TQFP (10x10)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	ATMEGA1284

### Related Tags

Micrel / Microchip Technology ATMEGA1284P-AU	ATMEGA1284P-AU Distributor	ATMEGA1284P-AU Supplier
ATMEGA1284P-AU Price	ATMEGA1284P-AU Pictures	ATMEGA1284P-AU Image
ATMEGA1284P-AU PDF Datasheet	ATMEGA1284P-AU Download Datasheet	ATMEGA1284P-AU Datasheet
ATMEGA1284P-AU Stock	Buy ATMEGA1284P-AU	Buy Micrel / Microchip Technology ATMEGA1284P-AU
Micrel / Microchip Technology ATMEGA1284P-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATMEGA1284P-AU	Microchip Technology ATMEGA1284P-AU	Roving Networks / Microchip Technology ATMEGA1284P-AU

### Related Products

<p><b>ATMEGA1284-MU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 44VQFN                  In stock: 22220 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA1284P-MU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 44VQFN                  In stock: 16749 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA1284-AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 44TQFP                  In stock: 20587 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA1284-AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 44TQFP                  In stock: 18865 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA1284-MUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 44VQFN                  In stock: 19480 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA1284P-PU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 40DIP                  In stock: 15083 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA1284-MUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 44VQFN                  In stock: 23634 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA1284-PU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 40DIP                  In stock: 17808 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA1284PR212-AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC RF TXRX+MCU 802.15.4 44-TQFP                  In stock: 3928 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA1284P-MUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 44VQFN                  In stock: 20148 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA1284P-XPLD</b>                  Manufacturers: Micrel / Microchip Technology                  Description: MEGA-1284P XPLAINED EVAL KIT                  In stock: 3336 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA1284P-AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 128KB FLASH 44TQFP                  In stock: 23385 pcs</p> <p><a href="#">RFQ</a></p>