



Micrel / Microchip Technology

ATMEGA1280-16AUR

Part Number:	ATMEGA1280-16AUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 128KB FLASH 100TQFP
Datasheets:	1.ATMEGA1280-16AUR.pdf 2.ATMEGA1280-16AUR.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	10196 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of ATMEGA1280-16AUR

PART NUMBER	ATMEGA1280-16AUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 128KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10196 pcs
DATA SHEET	1.ATMEGA1280-16AUR.pdf 2.ATMEGA1280-16AUR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	16MHz
SERIES	AVR® ATmega
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (64K x 16)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-TQFP
OTHER NAMES	ATMEGA1280-16AUR-ND ATMEGA1280-16AURTR ATMEGA128016AUR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	86
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 16MHz 128KB (64K x 16) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	EBI/EMI, I²C, SPI, UART/USART
BASE PART NUMBER	ATMEGA1280

Related Tags

Micrel / Microchip Technology ATMEGA1280-16AUR	ATMEGA1280-16AUR Distributor	ATMEGA1280-16AUR Supplier
ATMEGA1280-16AUR Price	ATMEGA1280-16AUR Pictures	ATMEGA1280-16AUR Image
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Related Products

<p>ATMEGA1280R231-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: 5767 pcs RFQ</p>	<p>ATMEGA1280-16AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: 8777 pcs RFQ</p>
<p>ATMEGA1280-16CUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 8018 pcs RFQ</p>	<p>ATMEGA128-16MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 7005 pcs RFQ</p>
<p>ATMEGA1280R212-CU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100TFBGA In stock: 4107 pcs RFQ</p>	<p>ATMEGA128-16MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 17696 pcs RFQ</p>
<p>ATMEGA1280R212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: 4954 pcs RFQ</p>	<p>ATMEGA128-16MNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 16096 pcs RFQ</p>
<p>ATMEGA1280-16CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 17736 pcs RFQ</p>	<p>ATMEGA128-16MNR Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 8720 pcs RFQ</p>
<p>ATMEGA1280-16CU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100TFBGA In stock: 9375 pcs RFQ</p>	<p>ATMEGA128-16MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 9308 pcs RFQ</p>