



Micrel / Microchip Technology



ATMEGA1280-16CU

Part Number:	ATMEGA1280-16CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 128KB FLASH 100CBGA
Datasheets:	 1.ATMEGA1280-16CU.pdf
	 2.ATMEGA1280-16CU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9375 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.

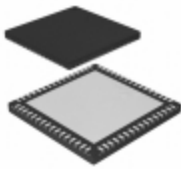
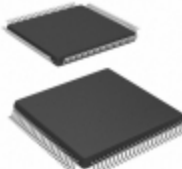
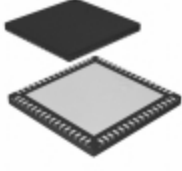
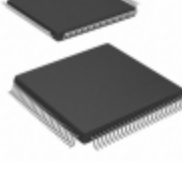
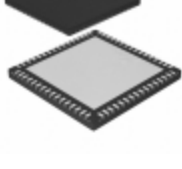
Specifications of ATMEGA1280-16CU

PART NUMBER	ATMEGA1280-16CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 128KB FLASH 100CBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9375 pcs
DATA SHEET	 1.ATMEGA1280-16CU.pdf  2.ATMEGA1280-16CU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-CBGA (9x9)
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	Tray
PACKAGE / CASE	100-TFBGA
OTHER NAMES	ATMEGA128016CU
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-CBGA (9x9)
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 ATMEGA1280-16CU	ATMEGA1280-16CU Distributor	ATMEGA1280-16CU Supplier
ATMEGA1280-16CU Price	ATMEGA1280-16CU Pictures	ATMEGA1280-16CU Image
ATMEGA1280-16CU PDF Datasheet	ATMEGA1280-16CU Download Datasheet	ATMEGA1280-16CU Datasheet
ATMEGA1280-16CU Stock	Buy ATMEGA1280-16CU	Buy Micrel / Microchip Technology ATMEGA1280-16CU
Micrel / Microchip Technology ATMEGA1280-16CU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATMEGA1280-16CU	Microchip Technology ATMEGA1280-16CU	Roving Networks / Microchip Technology ATMEGA1280-16CU

Related Products

 ATMEGA128-16MNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 16096 pcs RFQ	 ATMEGA1280-16AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: 10196 pcs RFQ
 ATMEGA1280R231-CU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100TFBGA In stock: 7032 pcs RFQ	 ATMEGA128-16MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 7005 pcs RFQ
 ATMEGA1280-16CUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 8018 pcs RFQ	 ATMEGA1280-16AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: 8777 pcs RFQ
 ATMEGA1280-16CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 17736 pcs RFQ	 ATMEGA1280R231-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: 5767 pcs RFQ
 ATMEGA1280R212-CU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100TFBGA In stock: 4107 pcs RFQ	 ATMEGA128-16MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 17696 pcs RFQ
 ATMEGA1280R212-AU Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: 4954 pcs RFQ	 ATMEGA128-16MUR Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 9308 pcs RFQ