




Micrel / Microchip Technology

## ATMEGA1280V-8CUR

Part Number:	ATMEGA1280V-8CUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 128KB FLASH 100CBGA
Datasheets:	<a href="#">1.ATMEGA1280V-8CUR.pdf</a> <a href="#">2.ATMEGA1280V-8CUR.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
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 ATMEGA1280V-8CUR

PART NUMBER	ATMEGA1280V-8CUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 128KB FLASH 100CBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.ATMEGA1280V-8CUR.pdf</a> <a href="#">2.ATMEGA1280V-8CUR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-CBGA (9x9)
SPEED	8MHz
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-TFBGA
OTHER NAMES	ATMEGA1280V-8CUR-ND ATMEGA1280V-8CURTR ATMEGA1280V8CUR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	86
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	4 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 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 ATMEGA1280V-8CUR	ATMEGA1280V-8CUR Distributor	ATMEGA1280V-8CUR Supplier
ATMEGA1280V-8CUR Price	ATMEGA1280V-8CUR Pictures	ATMEGA1280V-8CUR Image
ATMEGA1280V-8CUR PDF Datasheet	ATMEGA1280V-8CUR Download Datasheet	ATMEGA1280V-8CUR Datasheet
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Micrel / Microchip Technology ATMEGA1280V-8CUR	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
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### Related Products

 <p><b>ATMEGA1281-16MU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 177 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>ATMEGA1281-16AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>ATMEGA1280R231-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100-TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATMEGA1281-16AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64TQFP In stock: 912 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>ATMEGA1280V-8AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATMEGA1281-16MUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: 768 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>ATMEGA1280R212-CU</b> Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100TFBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATMEGA1280V-8CU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: 294 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>ATMEGA1281-16MUR</b> Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64QFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATMEGA1280R231-CU</b> Manufacturers: Micrel / Microchip Technology Description: IC RF TXRX+MCU 802.15.4 100TFBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>ATMEGA1280V-8AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATMEGA1280V-8CUR</b> Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>