



Micrel / Microchip Technology

### ATXMEGA128B1-AUR

Part Number:	ATXMEGA128B1-AUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 128KB FLASH 100TQFP
Datasheets:	<a href="#">1.ATXMEGA128B1-AUR.pdf</a> <a href="#">2.ATXMEGA128B1-AUR.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 ATXMEGA128B1-AUR

PART NUMBER	ATXMEGA128B1-AUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 128KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.ATXMEGA128B1-AUR.pdf</a> <a href="#">2.ATXMEGA128B1-AUR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.6 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	32MHz
SERIES	AVR® XMEGA® B1
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-TQFP
OTHER NAMES	ATXMEGA128B1-AUR SL946 ATXMEGA128B1-AUR SL946-ND ATXMEGA128B1-AUR-ND ATXMEGA128B1-AURTR ATXMEGA128B1AUR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	53
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	7 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	2K x 8
DETAILED DESCRIPTION	AVR AVR® XMEGA® B1 Microcontroller IC 8/16-Bit 32MHz 128KB (128K x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	8/16-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART, USB
BASE PART NUMBER	ATXMEGA128

#### Related Tags

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<p><b>ATXMEGA128B3-ANR</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>ATXMEGA128B3-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 64TQFP In stock: 23 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATXMEGA128B1-CUR</b> Manufacturers: Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>	<p><b>ATXMEGA128B3-AN</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>ATXMEGA128A4U-W</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH WAFER In stock: Out stock</p> <p><a href="#">RFQ</a></p>	<p><b>ATXMEGA128B1-CU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>
<p><b>ATXMEGA128B1-CUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100CBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>	<p><b>ATXMEGA128B1-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
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<p><b>ATXMEGA128A4U-MNR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44QFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>	<p><b>ATXMEGA128A4U-MN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44QFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>