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See specifications for product details.



ATXMEGA64B1-AUR

Manufacturer Part Number	ATXMEGA64B1-AUR
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATXMEGA64B1-AUR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8/16BIT 64KB FLSH 100TQFP
Package	100-TQFP
Data sheet	ATxmega128B1,64B1.pdf XMEGA Appl Note.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATXMEGA64B1-AUR - Microchip Technology. New Original in Stock. Download Linear Technology ATXMEGA64B1-AUR datasheet/specifications on AllelcoElec.com. Request a quote for ATXMEGA64B1-AUR, please send us email: info@allelco.com

Specifications

ATXMEGA64B1-AUR Tech Specifications
ATXMEGA64B1-AUR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.6V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	100-TQFP (14x14)	Number of I/O	53
Speed	32MHz	Mounting Type	Surface Mount
Series	AVR® XMEGA® B1	EEPROM Size	2K x 8
RAM Size	4K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	8/16-Bit
Program Memory Size	64KB (32K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Connectivity	I ² C, IrDA, SPI, UART/USART, USB
Package / Case	100-TQFP	Base Product Number	ATXMEGA64
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATXMEGA64B1-AUR

Product Attribute				
Part Number	ATXMEGA64B1-AUR	ATXMEGA64B1-AU	ATXMEGA64B3-MH	ATXMEGA64A4U-MHR
Manufacturer	Microchip Technology	Atmel	Microchip Technology	Microchip Technology
EEPROM Size	2K x 8	2K x 8	2K x 8	2K x 8
Data Converters	A/D 16x12b	A/D 16x12b	A/D 8x12b	A/D 12x12b; D/A 2x12b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	100-TQFP	100-TQFP	64-VFQFN Exposed Pad	44-VFQFN Exposed Pad
Package	Tape & Reel (TR)	Bulk	Tray	Tape & Reel (TR)
Speed	32MHz	32MHz	32MHz	32MHz
Core Size	8/16-Bit	8/16-Bit	8/16-Bit	8/16-Bit
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	100-TQFP (14x14)	100-TQFP (14x14)	64-QFN (9x9)	44-VQFN (7x7)
Base Product Number	ATXMEGA64	ATXMEGA64	ATXMEGA64	ATXMEGA64
Connectivity	I ² C, IrDA, SPI, UART/USART, USB	I ² C, IrDA, SPI, UART/USART, USB	I ² C, IrDA, SPI, UART/USART, USB	I ² C, IrDA, SPI, UART/USART, USB
RAM Size	4K x 8	4K x 8	4K x 8	4K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)
Series	AVR® XMEGA® B1	AVR® XMEGA® B1	AVR® XMEGA® B3	AVR® XMEGA® A4U
Voltage - Supply (Vcc/Vdd)	1.6V ~ 3.6V	1.6V ~ 3.6V	1.6V ~ 3.6V	1.6V ~ 3.6V
Core Processor	AVR	AVR	AVR	AVR
Number of I/O	53	53	36	34
Oscillator Type	Internal	Internal	Internal	Internal

ATXMEGA64B1-AUR Datasheet PDF

Download ATXMEGA64B1-AUR pdf datasheets and Microchip Technology documentation for ATXMEGA64B1-AUR - Microchip Technology.

PCN Packaging

Boxes 07/Dec/2016.pdf

Carrier Tape 12/Apr/2017.pdf

PCN Design/Specification

Marking Chgs 11/Jul/2017.pdf

Multiple Devices Copper Wire 20/Aug/2013.pdf

PCN Assembly/Origin

2.73KHz.pdf

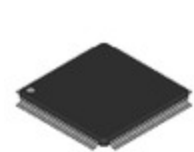
HTML Datasheet

ATXmega128B1,64B1.pdf

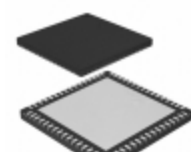
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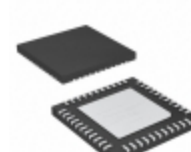
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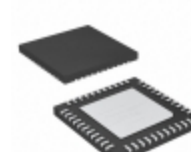
ATXMEGA64B1-AU
Atmel
IC MCU 8/16BIT 64KB FLSH 100TQFP



ATXMEGA64B3-MH
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 64QFN



ATXMEGA64A4U-MHR
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 44VQFN



ATXMEGA64A4U-MH
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 44VQFN



ATXMEGA64A4U-AU
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 44TQFP



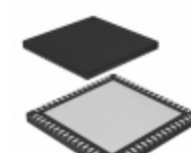
ATXMEGA64B1-CU
Atmel
IC MCU 8/16BIT 64KB FLSH 100CBGA



ATXMEGA64D3-AU
Atmel
IC MCU 8/16BIT 64KB FLASH 64TQFP



ATXMEGA64C3-AUR
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 64TQFP



ATXMEGA64D3-AU
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 64TQFP



ATXMEGA64D3-MH
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 64QFN



ATXMEGA64B1-AU
Microchip Technology
IC MCU 8/16BIT 64KB FLSH 100TQFP



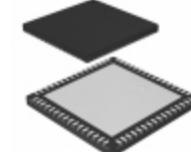
ATXMEGA64B3-AU
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 64TQFP



ATXMEGA64A3U-AU
Atmel
IC MCU 8/16BIT 64KB FLASH 64TQFP



ATXMEGA64D3-MH
Atmel
IC MCU 8/16BIT 64KB FLASH 64QFN



ATXMEGA64A3U-AU
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 64TQFP



ATXMEGA64D3-15A2T1
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 64QFN



ATXMEGA64A3U-AUR
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 64TQFP



ATXMEGA64A4U-AUR
Microchip Technology
IC MCU 8/16BIT 64KB FLASH 44TQFP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



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