

Image may be representation.
See specifications for product details.



ATXMEGA128D3-AU

Manufacturer Part Number	ATXMEGA128D3-AU
Manufacturer	Atmel
Allelco Part Number	32D-ATXMEGA128D3-AU
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8/16BIT 128KB FLSH 64TQFP
Package	64-TQFP
Data sheet	ATXMEGA128D3-AU.pdf

Get a Quote

ATXMEGA128D3-AU - Atmel.New Original in Stock. Download Linear Technology ATXMEGA128D3-AU datasheet/specifications on AllelcoElec.com.
Request a quote for ATXMEGA128D3-AU, please send us email: info@allelco.com

Specifications

ATXMEGA128D3-AU Tech Specifications
ATXMEGA128D3-AU - Atmel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Atmel	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.6V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-TQFP (14x14)	Number of I/O	50
Speed	32MHz	Mounting Type	Surface Mount
Series	AVR® XMEGA® D3	EEPROM Size	2K x 8
RAM Size	8K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	8/16-Bit
Program Memory Size	128KB (64K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I ² C, IrDA, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	ATXMEGA128
Package	Bulk		

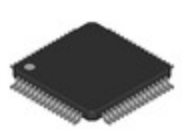
Parts with Similar Specifications

The three parts on the right have similar specifications to Atmel ATXMEGA128D3-AU

Product Attribute				
Part Number	ATXMEGA128D3-AU	ATXMEGA128B3-AU	ATXMEGA128C3-AUR	ATXMEGA128B1-AUR
Manufacturer	Atmel	Atmel	Microchip Technology	Microchip Technology
Voltage - Supply (Vcc/Vdd)	1.6V ~ 3.6V	1.6V ~ 3.6V	1.6V ~ 3.6V	1.6V ~ 3.6V
Series	AVR® XMEGA® D3	AVR® XMEGA® B3	AVR® XMEGA® C3	AVR® XMEGA® B1
Core Size	8/16-Bit	8/16-Bit	8/16-Bit	8/16-Bit
Base Product Number	ATXMEGA128	ATXMEGA128	ATXMEGA128	ATXMEGA128
Number of I/O	50	36	50	53
Package / Case	64-TQFP	64-TQFP	64-TQFP	100-TQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	128KB (64K x 16)	128KB (128K x 8)	128KB (64K x 16)	128KB (128K x 8)
Connectivity	I ² C, IrDA, SPI, UART/USART	I ² C, IrDA, SPI, UART/USART, USB	I ² C, IrDA, SPI, UART/USART, USB	I ² C, IrDA, SPI, UART/USART, USB
Core Processor	AVR	AVR	AVR	AVR
Data Converters	A/D 16x12b	A/D 8x12b	A/D 16x12b	A/D 16x12b
EEPROM Size	2K x 8	2K x 8	2K x 8	2K x 8
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
Package	Bulk	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Speed	32MHz	32MHz	32MHz	32MHz
RAM Size	8K x 8	8K x 8	8K x 8	8K x 8
Supplier Device Package	64-TQFP (14x14)	64-TQFP (14x14)	64-TQFP (14x14)	100-TQFP (14x14)

Customers Also Interested in

Recommended Products



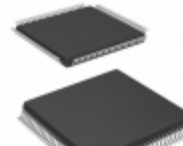
ATXMEGA128B3-AU

Atmel
IC MCU 8/16BIT 128KB FLSH 64TQFP



ATXMEGA128C3-AUR

Microchip Technology
IC MCU 8/16BIT 128KB FLSH 64TQFP



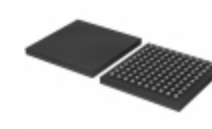
ATXMEGA128B1-AUR

Microchip Technology
IC MCU 8/16B 128KB FLASH 100TQFP



ATXMEGA128B1-CU

Atmel
IC MCU 8/16B 128KB FLASH 100CBGA



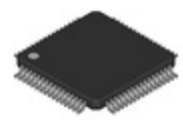
ATXMEGA128B1-CU

Microchip Technology
IC MCU 8/16B 128KB FLASH 100CBGA



ATXMEGA128D3-AUR

Microchip Technology
IC MCU 8/16BIT 128KB FLSH 64TQFP



ATXMEGA128D3-AUR

Atmel
IC MCU 8/16BIT 128KB FLSH
64TQFP



ATXMEGA128D4-AU

Microchip Technology
IC MCU 8/16BIT 128KB FLSH
44TQFP



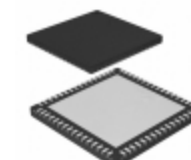
ATXMEGA128B3-AU

Microchip Technology
IC MCU 8/16BIT 128KB FLSH
64TQFP



ATXMEGA128D4-AN

Microchip Technology
IC MCU 8/16BIT 128KB FLSH
44TQFP



ATXMEGA128D3-MHR

Microchip Technology
IC MCU 8/16BIT 128KB FLASH
64QFN



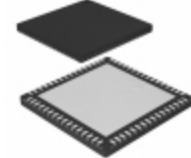
ATXMEGA128C3-AU

Microchip Technology
IC MCU 8/16BIT 128KB FLSH
64TQFP



ATXMEGA128D3-AU

Microchip Technology
IC MCU 8/16BIT 128KB FLSH
64TQFP



ATXMEGA128D3-MH

Microchip Technology
IC MCU 8/16BIT 128KB FLASH
64QFN



ATXMEGA128B1-U

Atmel (Microchip Technology)



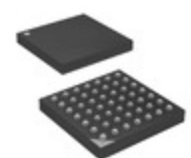
ATXMEGA128D4-AUR

Microchip Technology
IC MCU 8/16BIT 128KB FLSH
44TQFP



ATXMEGA128B1-AU

Microchip Technology
IC MCU 8/16B 128KB FLASH
100TQFP



ATXMEGA128D4-CU

Microchip Technology
IC MCU 8/16B 128KB FLASH
49VFBGA

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



[View More](#)



Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com