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See specifications for product details.



AT91SAM7L128-CU

Manufacturer Part Number	AT91SAM7L128-CU
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT91SAM7L128-CU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16/32B 128KB FLASH 144BGA
Package	144-LFBGA
Data sheet	AT91SAM7L64,128.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT91SAM7L128-CU - Microchip Technology. New Original in Stock. Download Linear Technology AT91SAM7L128-CU datasheet/specifications on AllelcoElec.com. Request a quote for AT91SAM7L128-CU, please send us email: info@allelco.com

Specifications

AT91SAM7L128-CU Tech Specifications
AT91SAM7L128-CU - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.55V ~ 1.8V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	144-BGA (13x13)	Number of I/O	80
Speed	36MHz	Mounting Type	Surface Mount
Series	SAM7L	EEPROM Size	-
RAM Size	6K x 8	Data Converters	A/D 4x10b
Program Memory Type	FLASH	Core Size	16/32-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	ARM7®
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	144-LFBGA	Base Product Number	AT91SAM7L128
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT91SAM7L128-CU

Product Attribute				
Part Number	AT91SAM7L128-CU	AT91SAM7L64-CU	AT91SAM7A3-AU	AT91SAM7L128-AU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Size	128KB (128K x 8)	64KB (64K x 8)	256KB (256K x 8)	128KB (128K x 8)
Speed	36MHz	36MHz	60MHz	36MHz
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	CANbus, I²C, Memory Card, SPI, SSC, UART/USART	I²C, SPI, UART/USART
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Series	SAM7L	SAM7L	AT91SAM	SAM7L
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT	POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT
RAM Size	6K x 8	6K x 8	32K x 8	6K x 8
Data Converters	A/D 4x10b	A/D 4x10b	A/D 8x10b	A/D 4x10b
Package / Case	144-LFBGA	144-LFBGA	100-LQFP	128-LQFP
EEPROM Size	-	-	-	-
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
Core Processor	ARM7®	ARM7®	ARM7®	ARM7®
Number of I/O	80	80	62	80
Voltage - Supply (Vcc/Vdd)	1.55V ~ 1.8V	1.55V ~ 1.8V	1.65V ~ 1.95V	1.55V ~ 1.8V
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	AT91SAM7L128	AT91SAM7L64	AT91SAM7	AT91SAM7L128
Supplier Device Package	144-BGA (13x13)	144-BGA (13x13)	100-LQFP (14x14)	128-LQFP (20x14)
Package	Tray	Tray	Tray	Tray

AT91SAM7L128-CU Datasheet PDF

Download AT91SAM7L128-CU pdf datasheets and Microchip Technology documentation for AT91SAM7L128-CU - Microchip Technology.

Datasheets

[AT91SAM7L64,128.pdf](#)

PCN Packaging

[MBB/Label Chgs 16/Nov/2018.pdf](#)

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Recommended Products

<p>AT91SAM7S128AU Atmel (Microchip Technology)</p>	<p>AT91SAM7L64-CU Microchip Technology IC MCU 16/32BIT 64KB FLSH 144BGA</p>	<p>AT91SAM7A3-AU Microchip Technology IC MCU 16/32B 256KB FLSH 100LQFP</p>	<p>AT91S025-A-CU Atmel (Microchip Technology)</p>	<p>AT91SAM7L128-AU Microchip Technology IC MCU 16/32B 128KB FLSH 128LQFP</p>	<p>AT91SAM7S128-AU-001 Atmel (Microchip Technology)</p>
<p>AT91S051-CU Atmel (Microchip Technology)</p>	<p>AT91SAM-ICE Microchip Technology EMULATOR JTAG FOR ARM-BASED MCU</p>	<p>AT91S051-CF Atmel (Microchip Technology)</p>	<p>AT91SAM7FP105-MU-A</p>	<p>AT91SAM7S128AU-001 Atmel (Microchip Technology)</p>	<p>AT91SAM7L128-CU Atmel IC MCU 16/32B 128KB FLSH 144BGA</p>
<p>AT91SAM7S128-MU Atmel IC MCU 16/32BIT 128KB FLSH 64QFN</p>	<p>AT91SAM7S128-AU Atmel (Microchip Technology)</p>	<p>AT91SAM7A1-AU Microchip Technology IC MCU 16/32BIT ROMLESS 144LQFP</p>	<p>AT91SAM7L128-WP15 Atmel (Microchip Technology)</p>	<p>AT91S051B-CU Atmel (Microchip Technology)</p>	<p>AT91SAM7L64-CU Atmel IC MCU 16/32BIT 64KB FLSH 144BGA</p>

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.



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Contact us if you have any questions.

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