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See specifications for product details.



AT91SAM7S256-AU-001

Manufacturer Part Number	AT91SAM7S256-AU-001
Manufacturer	Atmel
Allelco Part Number	32D-AT91SAM7S256-AU-001
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 16/32B 256KB FLASH 64LQFP
Package	64-LQFP
Data sheet	AT91SAM7S256-AU-001.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT91SAM7S256-AU-001 - Atmel.New Original in Stock. Download Linear Technology AT91SAM7S256-AU-001 datasheet/specifications on AllelcoElec.com.
Request a quote for AT91SAM7S256-AU-001, please send us email: info@allelco.com

Specifications

AT91SAM7S256-AU-001 Tech Specifications
AT91SAM7S256-AU-001 - Atmel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Atmel	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.65V ~ 1.95V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	32
Speed	55MHz	Mounting Type	Surface Mount
Series	SAM7S	EEPROM Size	-
RAM Size	64K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	16/32-Bit
Program Memory Size	256KB (256K x 8)	Core Processor	ARM7®
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	I²C, SPI, SSC, UART/USART, USB
Package / Case	64-LQFP	Base Product Number	AT91SAM7S256
Package	Bulk		

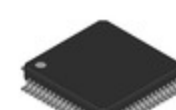
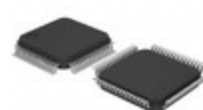
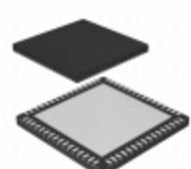
Parts with Similar Specifications

The three parts on the right have similar specifications to Atmel AT91SAM7S256-AU-001

Product Attribute				
Part Number	AT91SAM7S256-AU-001	AT91SAM7S128D-MU	AT91SAM7S128D-AU	AT91SAM7S128C-AU
Manufacturer	Atmel	Microchip Technology	Microchip Technology	Microchip Technology
Package	Bulk	Tray	Tray	Tray
EEPROM Size	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	64K x 8	32K x 8	32K x 8	32K x 8
Base Product Number	AT91SAM7S256	AT91SAM7S128	AT91SAM7S128	AT91SAM7S128
Connectivity	I²C, SPI, SSC, UART/USART, USB	I²C, SPI, SSC, UART/USART, USB	I²C, SPI, SSC, UART/USART, USB	I²C, SPI, SSC, UART/USART, USB
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	64-LQFP	64-VFQFN Exposed Pad	64-LQFP	64-LQFP
Speed	55MHz	55MHz	55MHz	55MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	SAM7S	SAM7S	SAM7S	SAM7S
Program Memory Size	256KB (256K x 8)	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	1.65V ~ 1.95V	1.65V ~ 1.95V	1.65V ~ 1.95V	1.65V ~ 1.95V
Core Processor	ARM7®	ARM7®	ARM7®	ARM7®
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Supplier Device Package	64-LQFP (10x10)	64-QFN (9x9)	64-LQFP (10x10)	64-LQFP (10x10)
Number of I/O	32	32	32	32
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b

Customers Also Interested in

Recommended Products



AT91SAM7S128D-MU

Microchip Technology
IC MCU 16/32BIT 128KB FLSH 64QFN

AT91SAM7S256

Atmel (Microchip Technology)

AT91SAM7S128D-AU

Microchip Technology
IC MCU 16/32B 128KB FLASH 64LQFP

AT91SAM7S128C-AU

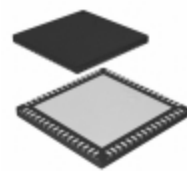
Microchip Technology
IC MCU 16/32B 128KB FLASH 64LQFP

AT91SAM7S256C-AU

Atmel
IC MCU 16/32B 256KB FLASH 64LQFP

AT91SAM7S128D-MU

Atmel
IC MCU 16/32BIT 128KB FLSH 64QFN

**AT91SAM7S256C-MU**Atmel
IC MCU 16/32BIT 256KB FLSH
64QFN**AT91SAM7S256C-MU**Microchip Technology
IC MCU 16/32BIT 256KB FLSH
64QFN**AT91SAM7S256C-AU**Microchip Technology
IC MCU 16/32B 256KB FLASH
64LQFP**AT91SAM7S128AU-001**

Atmel (Microchip Technology)

**AT91SAM7S256AU**

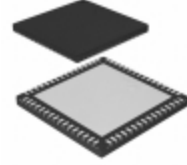
Atmel (Microchip Technology)

**AT91SAM7S256-AUB**

Atmel (Microchip Technology)

**AT91SAM7S256-AU-D**

Atmel (Microchip Technology)

**AT91SAM7S256-MU**Microchip Technology
IC MCU 16/32BIT 256KB FLSH
64QFN**AT91SAM7S128C-AU**Atmel
IC MCU 16/32B 128KB FLASH
64LQFP**AT91SAM7S256D-AU**Microchip Technology
IC MCU 16/32B 256KB FLASH
64LQFP**AT91SAM7S256-AU**

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**AT91SAM7S256B-AU**

Atmel (Microchip Technology)

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

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Certifications & Memberships



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