



Image may be representation.
See specifications for product details.



ATSAM3S2BA-MU

Manufacturer Part Number	ATSAM3S2BA-MU
Manufacturer	Atmel
Allelco Part Number	32D-ATSAM3S2BA-MU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 128KB FLASH 64QFN
Package	64-VFQFN Exposed Pad
Data sheet	ATSAM3S2BA-MU.pdf

Get a Quote

ATSAM3S2BA-MU - Atmel.New Original in Stock. Download Linear Technology ATSAM3S2BA-MU datasheet/specifications on AllelcoElec.com.
Request a quote for ATSAM3S2BA-MU, please send us email: info@allelco.com

Specifications

ATSAM3S2BA-MU Tech Specifications

ATSAM3S2BA-MU - Atmel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Atmel	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.62V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-QFN (9x9)	Number of I/O	47
Speed	64MHz	Mounting Type	Surface Mount
Series	SAM3S	EEPROM Size	-
RAM Size	32K x 8	Data Converters	A/D 10x10/12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	ARM® Cortex®-M3
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Connectivity	I ² C, MMC, SPI, SSC, UART/USART, USB
Package / Case	64-VFQFN Exposed Pad	Base Product Number	ATSAM3S
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Atmel ATSAM3S2BA-MU

Product Attribute				
Part Number	ATSAM3S2BA-MU	ATSAM3S4AA-AU	ATSAM3S4AA-MU	ATSAM3S2AA-AU
Manufacturer	Atmel	Microchip Technology	Microchip Technology	Microchip Technology
Package	Bulk	Tray	Tray	Tray
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Series	SAM3S	SAM3S	SAM3S	SAM3S
Package / Case	64-VFQFN Exposed Pad	48-LQFP	48-VFQFN Exposed Pad	48-LQFP
Core Processor	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3
Voltage - Supply (Vcc/Vdd)	1.62V ~ 3.6V	1.62V ~ 3.6V	1.62V ~ 3.6V	1.62V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Size	128KB (128K x 8)	256KB (256K x 8)	256KB (256K x 8)	128KB (128K x 8)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	-	-	-	-
Base Product Number	ATSAM3S	ATSAM3S	ATSAM3S	ATSAM3S
Connectivity	I ² C, MMC, SPI, SSC, UART/USART, USB	I ² C, MMC, SPI, SSC, UART/USART, USB	I ² C, MMC, SPI, SSC, UART/USART, USB	I ² C, MMC, SPI, SSC, UART/USART, USB
Data Converters	A/D 10x10/12b; D/A 2x12b	A/D 8x10/12b	A/D 8x10/12b	A/D 8x10/12b
Number of I/O	47	34	34	34
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Supplier Device Package	64-QFN (9x9)	48-LQFP (7x7)	48-QFN (7x7)	48-LQFP (7x7)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	64MHz	64MHz	64MHz	64MHz
RAM Size	32K x 8	48K x 8	48K x 8	32K x 8
Oscillator Type	Internal	Internal	Internal	Internal

Customers Also Interested in

Recommended Products



ATSAM3S4AA-AU

Microchip Technology
IC MCU 32BIT 256KB FLASH 48LQFP



ATSAM3S4AA-MU

Microchip Technology
IC MCU 32BIT 256KB FLASH 48QFN



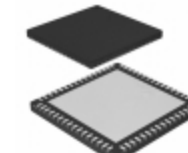
ATSAM3S4B-AU

Atmel (Microchip Technology)



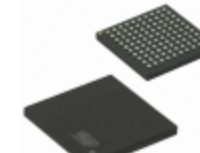
ATSAM3S2AA-AU

Microchip Technology
IC MCU 32BIT 128KB FLASH 48LQFP



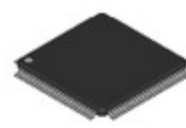
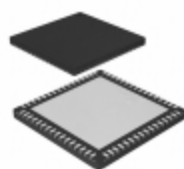
ATSAM3S4BA-MU

Microchip Technology
IC MCU 32BIT 256KB FLASH 64QFN



ATSAM3S1CB-CU

Microchip Technology
IC MCU 32BIT 64KB FLASH 100TFBGA



ATSAM3S4AA-AU

Atmel
IC MCU 32BIT 256KB FLASH 48LQFP

ATSAM3S1C-CU

Atmel (Microchip Technology)

ATSAM3S2BA-MU

Microchip Technology
IC MCU 32BIT 128KB FLASH 64QFN

ATSAM3S1CB-AU

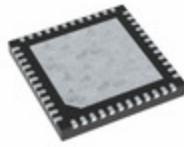
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IC MCU 32BIT 64KB FLASH 100LQFP

ATSAM3S2A-AU

Atmel (Microchip Technology)

ATSAM3S4BA-AU

Atmel
IC MCU 32BIT 256KB FLASH 64LQFP



ATSAM3S1CB-AU

Microchip Technology
IC MCU 32BIT 64KB FLASH 100LQFP

ATSAM3S4BA-AU

Microchip Technology
IC MCU 32BIT 256KB FLASH 64LQFP

ATSAM3S2AA-MU

Microchip Technology
IC MCU 32BIT 128KB FLASH 48QFN

ATSAM3S2CA-AU

Microchip Technology
IC MCU 32BIT 128KB FLASH 100LQFP

ATSAM3S2CA-AUR

Microchip Technology
IC MCU 32BIT 128KB FLASH 100LQFP

ATSAM3S2BA-AU

Microchip Technology
IC MCU 32BIT 128KB FLASH 64LQFP

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

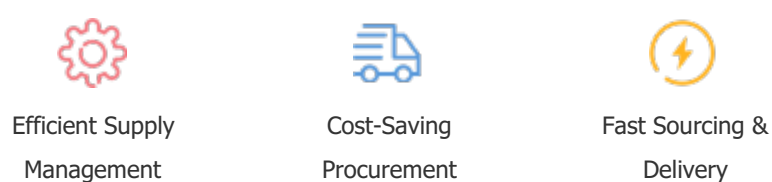
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

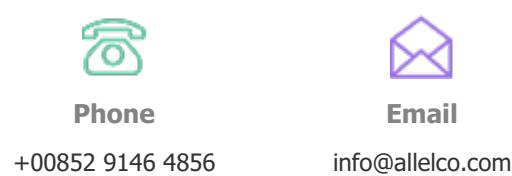
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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