

Image may be representation.
See specifications for product details.



ATSAMA5D34A-CU

Manufacturer Part Number	ATSAMA5D34A-CU
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATSAMA5D34A-CU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 160KB ROM 324LFBGA
Package	324-LFBGA
Data sheet	SAMA5D3 Brochure.pdf SAMA5D3 Series Summary.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATSAMA5D34A-CU - Microchip Technology.New Original in Stock. Download Linear Technology ATSAMA5D34A-CU datasheet/specifications on AllelcoElec.com.
Request a quote for ATSAMA5D34A-CU, please send us email: info@allelco.com

Specifications

ATSAMA5D34A-CU Tech Specifications
ATSAMA5D34A-CU - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - I/O	1.2V, 1.8V, 3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	USB 2.0 (3)	Mounting Type	Surface Mount
Supplier Device Package	324-LFBGA (15x15)	Graphics Acceleration	No
Speed	536MHz	Ethernet	10/100/1000Mbps (1)
Series	SAMA5D3	Display & Interface Controllers	LCD, Touchscreen
Security Features	AES, SHA, TDES, TRNG	Core Processor	ARM® Cortex®-A5
SATA	-	Co-Processors/DSP	-
RAM Controllers	LPDDR, LPDDR2, DDR2	Base Product Number	ATSAMA5
Package / Case	324-LFBGA	Additional Interfaces	CAN, I ² C, MMC/SD/SDIO, SPI, SSC, USART
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATSAMA5D34A-CU

Product Attribute				
Part Number	ATSAMA5D34A-CU	ATSAMA5D34A-CUR	ATSAMA5D42A-CU	ATSAMA5D35A-CUR
Manufacturer	Microchip Technology	Microchip Technology	Atmel	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Graphics Acceleration	No	No	Yes	No
Supplier Device Package	324-LFBGA (15x15)	324-LFBGA (15x15)	361-TFBGA (16x16)	324-LFBGA (15x15)
USB	USB 2.0 (3)	USB 2.0 (3)	USB 2.0 (3)	USB 2.0 (3)
Package / Case	324-LFBGA	324-LFBGA	361-TFBGA	324-LFBGA
Package	Tray	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Core Processor	ARM® Cortex®-A5	ARM® Cortex®-A5	ARM® Cortex®-A5	ARM® Cortex®-A5
Additional Interfaces	CAN, I ² C, MMC/SD/SDIO, SPI, SSC, USART	CAN, I ² C, MMC/SD/SDIO, SPI, SSC, USART	EBI, I ² C, MMC/SD/SDIO, SPI, SSC, UART, USART	CAN, I ² C, MMC/SD/SDIO, SPI, SSC, UART, USART
RAM Controllers	LPDDR, LPDDR2, DDR2	LPDDR, LPDDR2, DDR2	LPDDR, LPDDR2, DDR2	LPDDR, LPDDR2, DDR2
Co-Processors/DSP	-	-	Multimedia; NEON™ SIMD	-
Security Features	AES, SHA, TDES, TRNG	AES, SHA, TDES, TRNG	AES, SHA, TDES, TRNG	AES, SHA, TDES, TRNG
Series	SAMA5D3	SAMA5D3	SAMA5D4	SAMA5D3
Voltage - I/O	1.2V, 1.8V, 3.3V	1.2V, 1.8V, 3.3V	1.2V, 1.8V, 3.3V	1.2V, 1.8V, 3.3V
Base Product Number	ATSAMA5	ATSAMA5	ATSAMA5D42	ATSAMA5
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Ethernet	10/100/1000Mbps (1)	10/100/1000Mbps (1)	10/100Mbps (1)	10/100/1000Mbps (1)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
SATA	-	-	-	-
Speed	536MHz	536MHz	600MHz	536MHz
Display & Interface Controllers	LCD, Touchscreen	LCD, Touchscreen	LCD, Touchscreen	Touchscreen

ATSAMA5D34A-CU Datasheet PDF

Download ATSAMA5D34A-CU pdf datasheets and Microchip Technology documentation for ATSAMA5D34A-CU - Microchip Technology.

Datasheets

[SAMA5D3 Series Summary.pdf](#)

PCN Packaging

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

[Boxes 07/Dec/2016.pdf](#)

PCN Design/Specification



Marking Chgs 11/Jul/2017.pdf



SAMA5D3 06/Feb/2020.pdf

PCN Assembly/Origin



2.73KHz.pdf

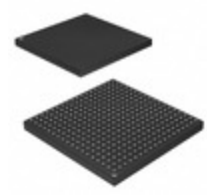
HTML Datasheet



SAMA5D3 Brochure.pdf

Customers Also Interested in

Recommended Products



ATSAMA5D34A-CUR

Microchip Technology
IC MCU 32BIT 160KB ROM 324LFBGA



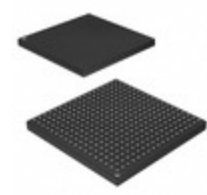
ATSAMA5D31A-CU-ND

Atmel (Microchip Technology)



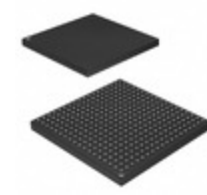
ATSAMA5D42A-CU

Atmel
A5 PROCESSOR, 600MHZ, CMOS, PBGA



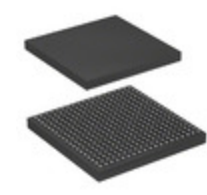
ATSAMA5D35A-CUR

Microchip Technology
IC MCU 32BIT 160KB ROM 324LFBGA



ATSAMA5D35A-CU

Microchip Technology
IC MCU 32BIT 160KB ROM 324LFBGA



ATSAMA5D42B-CUR

Microchip Technology
BGA GREEN, IND TEMP



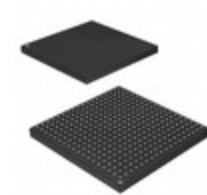
ATSAMA5D41A-CUR

Microchip Technology
IC MCU 32BIT 128KB ROM 289LFBGA



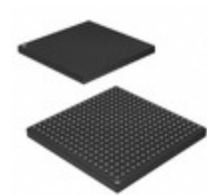
ATSAMA5D31A-CU

Atmel
RISC MICROPROCESSOR, 32-BIT ARM



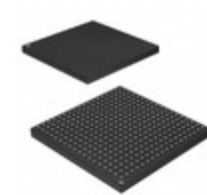
ATSAMA5D31A-CFUR

Microchip Technology
IC MCU 32BIT 160KB ROM 324TFBGA



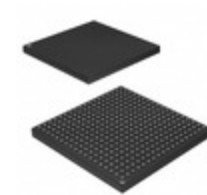
ATSAMA5D36A-CN

Microchip Technology
IC MCU 32BIT 160KB ROM 324LFBGA



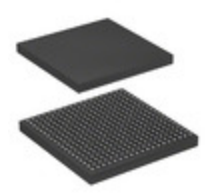
ATSAMA5D33A-CU

Microchip Technology
IC MCU 32BIT 160KB ROM 324LFBGA



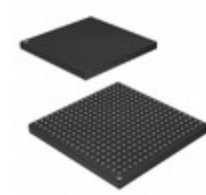
ATSAMA5D36A-CU

Microchip Technology
IC MCU 32BIT 160KB ROM 324LFBGA



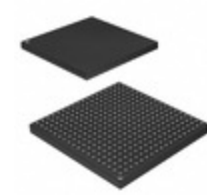
ATSAMA5D27C-LD2G-CU

Microchip Technology
CORTEX-A5 MPU 2GBIT LPDDR2 BGA I



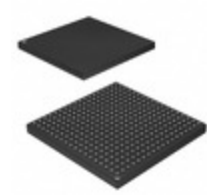
ATSAMA5D36A-CNR

Microchip Technology
IC MCU 32BIT 160KB ROM 324LFBGA



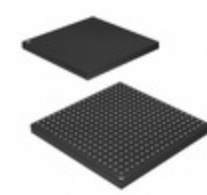
ATSAMA5D31A-CFU

Microchip Technology
IC MCU 32BIT 160KB ROM 324TFBGA



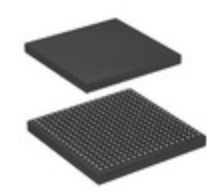
ATSAMA5D31A-CU

Microchip Technology
IC MCU 32BIT 160KB ROM 324LFBGA



ATSAMA5D33A-CUR

Microchip Technology
IC MCU 32BIT 160KB ROM 324LFBGA



ATSAMA5D42A-CU

Microchip Technology
IC MCU 32BIT 128KB ROM 361TFBGA

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

