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See specifications for product details.



AT91SAM9G15-CU

Manufacturer Part Number	AT91SAM9G15-CU
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT91SAM9G15-CU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 64KB ROM 217BGA
Package	217-LFBGA
Data sheet	SAM9G15.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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Specifications

AT91SAM9G15-CU Tech Specifications
AT91SAM9G15-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	1.8V, 3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	USB 2.0 (3)	Mounting Type	Surface Mount
Supplier Device Package	217-LFBGA (15x15)	Graphics Acceleration	No
Speed	400MHz	Ethernet	-
Series	SAM9G	Display & Interface Controllers	LCD, Touchscreen
Security Features	-	Core Processor	ARM926EJ-S
SATA	-	Co-Processors/DSP	-
RAM Controllers	LPDDR, LPSDR, DDR2, SDR, SRAM	Base Product Number	AT91SAM9
Package / Case	217-LFBGA	Additional Interfaces	EBI/EMI, I ² C, MMC/SD/SDIO, SPI, SSC, UART/USART
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT91SAM9G15-CU

Product Attribute				
Part Number	AT91SAM9G15-CU	AT91SAM9G10-CU	AT91SAM9CN12-CU	AT91SAM9CN11-CU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	217-LFBGA	217-LFBGA	217-LFBGA	217-LFBGA
Security Features	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Co-Processors/DSP	-	-	-	-
Display & Interface Controllers	LCD, Touchscreen	LCD	LCD, Touchscreen	LCD, Touchscreen
Base Product Number	AT91SAM9	AT91SAM9	AT91SAM9CN	AT91SAM9
Package	Tray	Tray	Tray	Tray
Series	SAM9G	SAM9G	SAM9CN	SAM9CN
Graphics Acceleration	No	No	No	No
Supplier Device Package	217-LFBGA (15x15)	217-LFBGA (15x15)	217-LFBGA (15x15)	217-LFBGA (15x15)
Additional Interfaces	EBI/EMI, I ² C, MMC/SD/SDIO, SPI, SSC, UART/USART	EBI/EMI, I ² C, MMC/SD/SDIO, SPI, SSC, UART/USART	EBI/EMI, I ² C, MMC/SD/SDIO, SPI, SSC, UART/USART	EBI/EMI, I ² C, MMC/SD/SDIO, SPI, SSC, UART/USART
SATA	-	-	-	-
Ethernet	-	-	-	-
Speed	400MHz	266MHz	400MHz	400MHz
RAM Controllers	LPDDR, LPSDR, DDR2, SDR, SRAM	SDRAM, SRAM	LPDDR, LPDDR2, DDR2, SDR, SRAM	LPDDR, LPDDR2, DDR2, SDR, SRAM
USB	USB 2.0 (3)	USB 2.0 (2)	USB 2.0 (2)	USB 2.0 (2)
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	ARM926EJ-S	ARM926EJ-S	ARM926EJ-S	ARM926EJ-S
Voltage - I/O	1.8V, 3.3V	1.8V, 3.3V	1.8V, 3.3V	1.8V, 3.3V

AT91SAM9G15-CU Datasheet PDF

Download AT91SAM9G15-CU pdf datasheets and Microchip Technology documentation for AT91SAM9G15-CU - Microchip Technology.

Datasheets

SAM9G15.pdf

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf


Boxes 07/Dec/2016.pdf

PCN Design/Specification

 Marking Chgs 11/Jul/2017.pdf






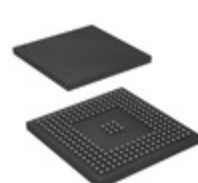



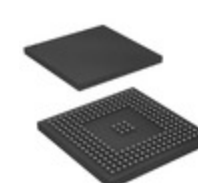
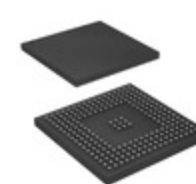



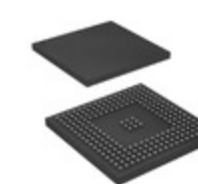
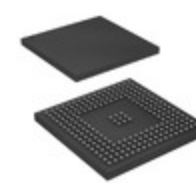

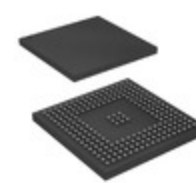

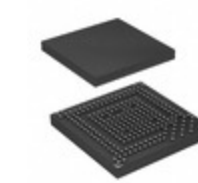
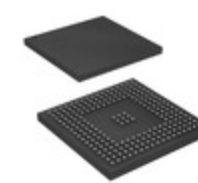
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PCN Assembly/Origin

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AT91SAM9CN11-CU Microchip Technology IC MCU 32BIT 128KB ROM 217BGA	AT91SAM9G20-CFU Atmel (Microchip Technology)	AT91SAM9620-CU Atmel (Microchip Technology)	AT91SAM9263CU-100 Atmel (Microchip Technology)	AT91SAM9CN12B-CU Microchip Technology IC MCU 32BIT 128KB ROM 217BGA
				
AT91SAM9CN12B-CFU Microchip Technology IC MCU 32BIT 128KB ROM 217BGA	AT91SAM9G20-CU Atmel (Microchip Technology)	AT91SAM9G25-CU Microchip Technology IC MCU 32BIT 64KB ROM 217BGA	AT91SAM9G20B-CU-10 Atmel (Microchip Technology)	AT91SAM9G20B-CFU Microchip Technology IC MCU 32BIT 64KB ROM 247TFBGA
				
				AT91SAM9G20B-CU Microchip Technology IC MCU 32BIT 64KB ROM 217BGA

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:
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