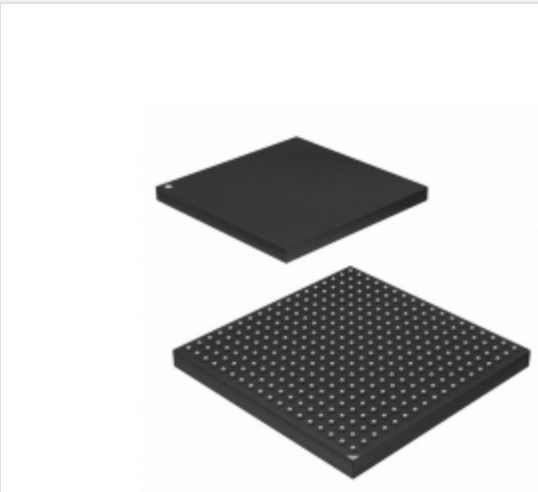


AT91SAM9G45C-CU





Part Number: [AT91SAM9G45C-CU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB ROM 324TFBGA

Data sheet:  [SAM9G45 Summary](#)

RoHs Status: Lead free / RoHS Compliant

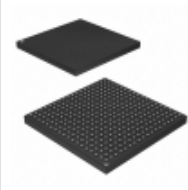
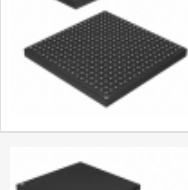
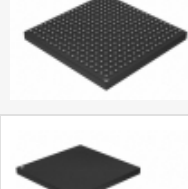
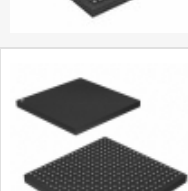
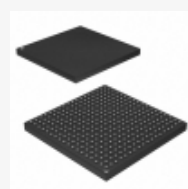
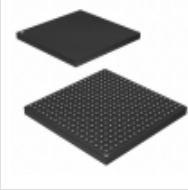
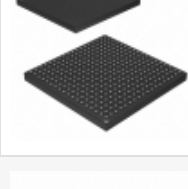
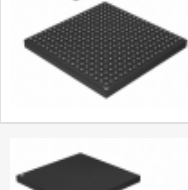
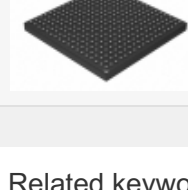
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PRODUCT PARAMETER			
Part Number	AT91SAM9G45C-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB ROM 324TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9206 pcs	Data sheet	SAM9G45 Summary
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 3.3V
USB	USB 2.0 (3)	Supplier Device Package	324-TFBGA (15x15)
Speed	400MHz	Series	SAM9G
Security Features	-	SATA	-
RAM Controllers	LPDDR, LPSPDR, DDR2, SDR, SRAM	Packaging	Tray
Package / Case	324-TFBGA	Operating Temperature	-40°C ~ 85°C (TA)
Number of Cores/Bus Width	1 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Graphics Acceleration	No	Ethernet	10/100 Mbps
Display & Interface Controllers	LCD, Touchscreen	Detailed Description	ARM926EJ-S Microprocessor IC SAM9G 1 Core, 32-Bit 400MHz 324-TFBGA (15x15)
Core Processor	ARM926EJ-S	Co-Processors/DSP	-
Base Part Number	AT91SAM9G	Additional Interfaces	AC97, EBI/EMI, I ² C, ISI, MMC/SD/SDIO, SPI, SSC, UART/USART
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