



Micrel / Microchip Technology

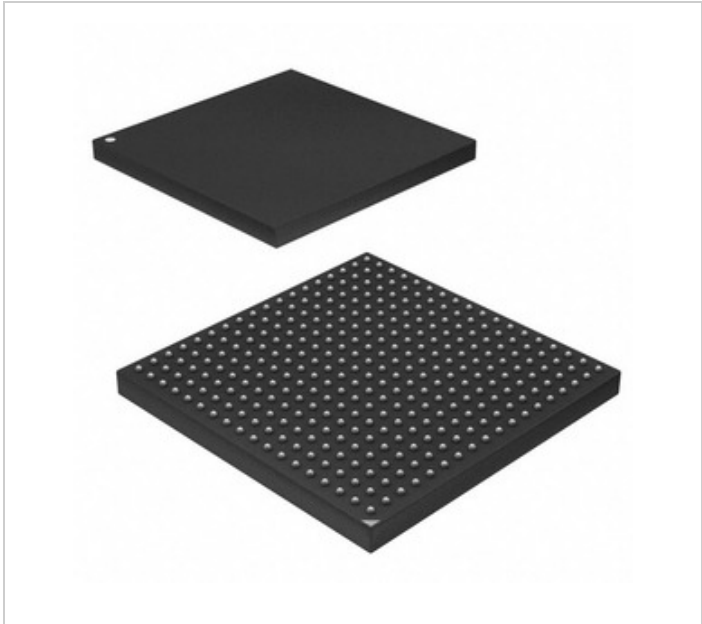


Image may be representation. See specifications for product details.

AT91SAM9G45C-CU

Part Number:	AT91SAM9G45C-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 64KB ROM 324TFBGA
Datasheets:	 AT91SAM9G45C-CU.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

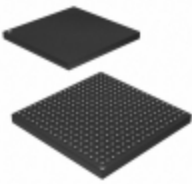
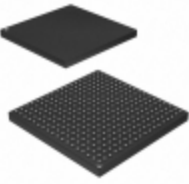
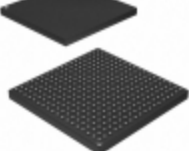
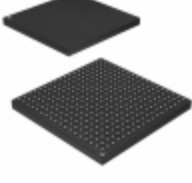
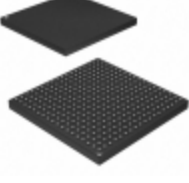
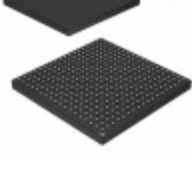
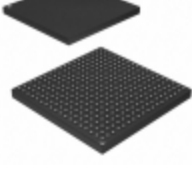
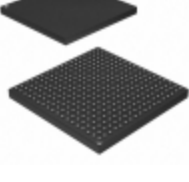
Specifications of AT91SAM9G45C-CU

PART NUMBER	AT91SAM9G45C-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB ROM 324TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 AT91SAM9G45C-CU.pdf
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, LPSDR, 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, I²C, ISI, MMC/SD/SDIO, SPI, SSC, UART/USART

Related Tags

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Related Products

 AT91SAM9G45B-CU-999 Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB ROM 324TFBGA In stock: Out stock RFQ	 AT91SAM9M10-EKES Manufacturers: Micrel / Microchip Technology Description: KIT EVAL FOR AT91SAM9M10 In stock: Out stock RFQ
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 AT91SAM9M10-G45-EK Manufacturers: Micrel / Microchip Technology Description: KIT EVAL FOR AT91SAMG45/9M10 In stock: 1 pcs RFQ	 AT91SAM9G46B-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB ROM 324TFBGA In stock: 32 pcs RFQ
 AT91SAM9G45B-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB ROM 324TFBGA In stock: Out stock RFQ	 AT91SAM9G45-CU-999 Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB ROM 324TFBGA In stock: Out stock RFQ
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 AT91SAM9M10-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB ROM 324TFBGA In stock: Out stock RFQ	 AT91SAM9G46-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB ROM 324TFBGA In stock: Out stock RFQ