

AT91SAM9R64-CU





Part Number: [AT91SAM9R64-CU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 32KB ROM 144BGA

Data sheet:  [AT91SAM9R64/RL64 Summary](#)
 [AT91SAM9R\(L\)64](#)

RoHs Status: Lead free / RoHS Compliant

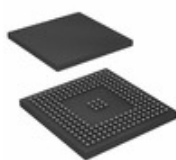
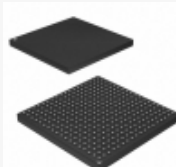
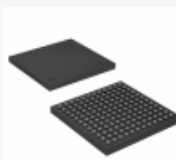
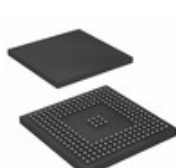
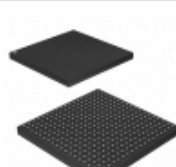
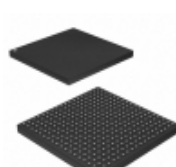
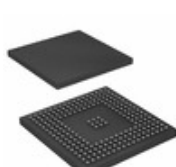
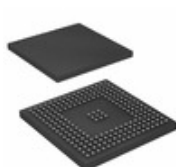
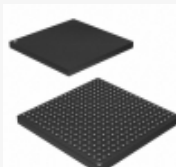
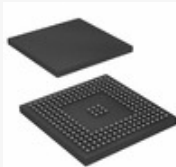
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PRODUCT PARAMETER			
Part Number	AT91SAM9R64-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 32KB ROM 144BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15673 pcs	Data sheet	AT91SAM9R64/RL64 Summary AT91SAM9R(L)64
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	144-BGA (13x13)	Speed	240MHz
Series	SAM9R	RAM Size	72K x 8
Program Memory Type	ROM	Program Memory Size	32KB (32K x 8)
Peripherals	AC'97, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LFBGA	Other Names	AT91SAM9R64CU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	49	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	7 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM926EJ-S SAM9R Microcontroller IC 16/32-Bit 240MHz 32KB (32K x 8) ROM 144-BGA (13x13)
Data Converters	A/D 3x10b	Core Size	16/32-Bit
Core Processor	ARM926EJ-S	Connectivity	EBI/EMI, I²C, Memory Card, SPI, SSC, UART/USART, USB
Base Part Number	AT91SAM9R		
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