



Micrel / Microchip Technology

AT91SAM9CN12B-CFUR

Part Number:	AT91SAM9CN12B-CFUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 128KB ROM 247BGA
Datasheets:	1.AT91SAM9CN12B-CFUR.pdf 2.AT91SAM9CN12B-CFUR.pdf 3.AT91SAM9CN12B-CFUR.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	25023 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of AT91SAM9CN12B-CFUR

PART NUMBER	AT91SAM9CN12B-CFUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 128KB ROM 247BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	25023 pcs
DATA SHEET	1.AT91SAM9CN12B-CFUR.pdf 2.AT91SAM9CN12B-CFUR.pdf 3.AT91SAM9CN12B-CFUR.pdf
VOLTAGE - I/O	1.8V, 3.3V
USB	USB 2.0 (2)
SUPPLIER DEVICE PACKAGE	247-BGA (10x10)
SPEED	400MHz
SERIES	SAM9CN
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	LPDDR, LPDDR2, DDR2, SDR, SRAM
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	247-LFBGA
OTHER NAMES	1611-AT91SAM9CN12B-CFURCT
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	-
DISPLAY & INTERFACE CONTROLLERS	LCD, Touchscreen
DETAILED DESCRIPTION	ARM926EJ-S Microprocessor IC SAM9CN 1 Core, 32-Bit 400MHz 247-BGA (10x10)
CORE PROCESSOR	ARM926EJ-S
CO-PROCESSORS/DSP	-
ADDITIONAL INTERFACES	EBI/EMI, I ² C, MMC/SD/SDIO, SPI, SSC, UART/USART

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