



Microchip Technology

AT91SAM9CN12B-CFUR

Part Number:	AT91SAM9CN12B-CFUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 128KB ROM 247BGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	15413 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	Microchip Technology
DESCRIPTION	IC MCU 32BIT 128KB ROM 247BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15413 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	ROM
VOLTAGE - BREAKDOWN	217-BGA (15x15)
SERIES	SAM9CN
ROHS STATUS	Digi-Reel®
REVERSE RECOVERY TIME (TRR)	400MHz
REQUIRES	DMA, LCD, POR, PWM, WDT
PROGRAM MEMORY TYPE	128KB (128K x 8)
PROGRAM MEMORY SIZE	EBI/EMI, I²C, Memory Card, SPI, SSC, UART/USART, USB
POLARIZATION	217-LFBGA
OTHER NAMES	1611-AT91SAM9CN12B-CFURDKR
OSCILLATOR TYPE	A/D 12x10b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM9®
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER PART NUMBER	AT91SAM9CN12B-CFUR
EXPANDED DESCRIPTION	ARM9® SAM9CN Microcontroller IC 16/32-Bit 400MHz 128KB (128K x 8) ROM 217-BGA (15x15)
DESCRIPTION	IC MCU 32BIT 128KB ROM 247BGA
DATA SRAM BYTES	-
DATA CONVERTERS	0.9 V ~ 1.1 V
CORE SIZE	32K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	16/32-Bit
CLOCK RATE	105

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