

AT91SAM7XC512B-AUR



Part Number: [AT91SAM7XC512B-AUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 100LQFP

Data sheet:  [AT91SAM7XC128/256/512 Datasheet](#)
 [AT91SAM7XC128/256/512 Summary](#)

RoHs Status: Lead free / RoHS Compliant

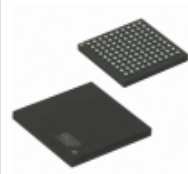
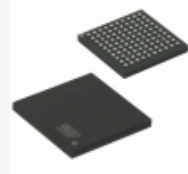
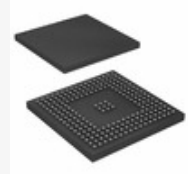
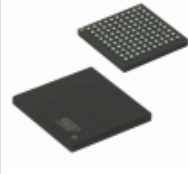
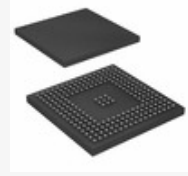
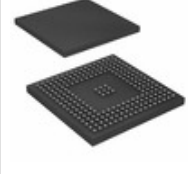
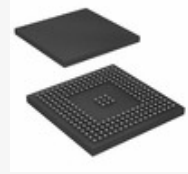
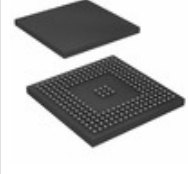
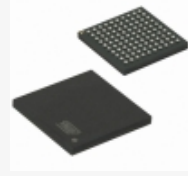
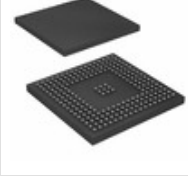
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PRODUCT PARAMETER			
Part Number	AT91SAM7XC512B-AUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5679 pcs	Data sheet	AT91SAM7XC128/256/512 Datasheet AT91SAM7XC128/256/512 Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Supplier Device Package	100-LQFP (14x14)	Speed	55MHz
Series	SAM7XC	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	100-LQFP	Other Names	AT91SAM7XC512-AU-999CT AT91SAM7XC512-AU-999CT-ND AT91SAM7XC512B-AURCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	62	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM7@ SAM7XC Microcontroller IC 16/32-Bit 55MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 8x10b
Core Size	16/32-Bit	Core Processor	ARM7@
Connectivity	CANbus, Ethernet, I ² C, SPI, SSC, UART/USART, USB	Base Part Number	AT91SAM7XC512
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