

AT91SAM7X512B-AU



Part Number: [AT91SAM7X512B-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 100LQFP

Data sheet:  [AT91SAM7X\(C\) Brochure](#)
 [SAM7X512,256,128](#)

RoHs Status: Lead free / RoHS Compliant

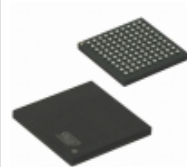
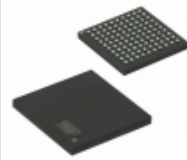
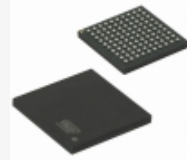
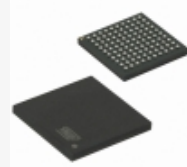
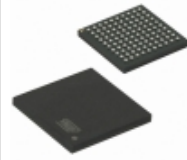
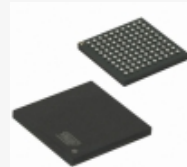
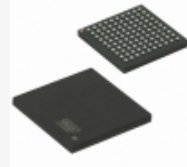
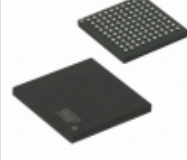
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PRODUCT PARAMETER			
Part Number	AT91SAM7X512B-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8887 pcs	Data sheet	AT91SAM7X(C) Brochure SAM7X512,256,128
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Supplier Device Package	100-LQFP (14x14)	Speed	55MHz
Series	SAM7X	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	Tray
Package / Case	100-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	62
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	10 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM7® SAM7X 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, I²C, SPI, SSC, UART/USART, USB	Base Part Number	AT91SAM7X512
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