

AT91SAM7SE512-AU



Part Number: [AT91SAM7SE512-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 128LQFP

Data sheet:  [Products Select Guide](#)
 [SAM7SE32,256,512 Datasheet](#)
 [SAM7SE32,256,512 Summary](#)

RoHs Status: Lead free / RoHS Compliant

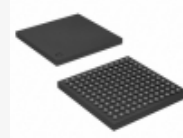
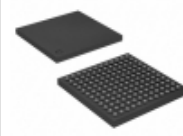
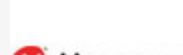
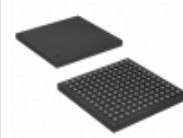
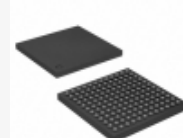
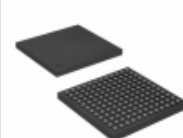
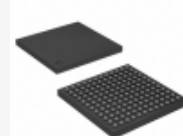
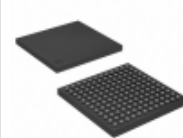
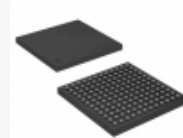
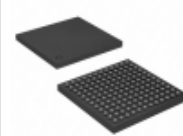
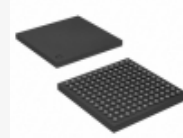
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PRODUCT PARAMETER			
Part Number	AT91SAM7SE512-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 128LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5012 pcs	Data sheet	Products Select Guide SAM7SE32,256,512 Datasheet SAM7SE32,256,512 Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Supplier Device Package	128-LQFP (20x14)	Speed	55MHz
Series	SAM7SE	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	128-LQFP	Other Names	AT91SAM7SE512AU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	88	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM7® SAM7SE Microcontroller IC 16/32-Bit 55MHz 512KB (512K x 8) FLASH 128-LQFP (20x14)	Data Converters	A/D 8x10b
Core Size	16/32-Bit	Core Processor	ARM7®
Connectivity	EBI/EMI, I²C, SPI, SSC, UART/USART, USB	Base Part Number	AT91SAM7SE512
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