

AT91SAM7S32-AU-001



Part Number: [AT91SAM7S32-AU-001](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 32KB FLASH 48LQFP

Data sheet:  [AT91SAM Datasheet](#)
 [AT91SAM Summary](#)

RoHs Status: Lead free / RoHS Compliant

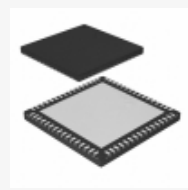
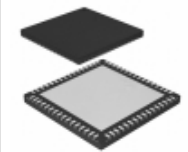
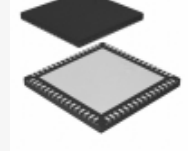
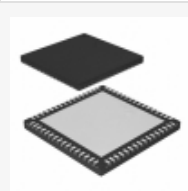
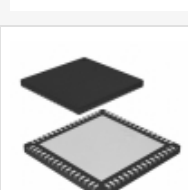
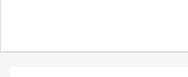
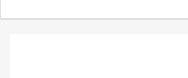
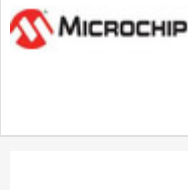
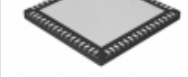
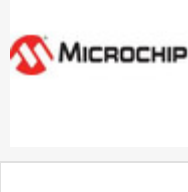
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PRODUCT PARAMETER			
Part Number	AT91SAM7S32-AU-001	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 32KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4281 pcs	Data sheet	AT91SAM Datasheet AT91SAM Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Supplier Device Package	48-LQFP (7x7)	Speed	55MHz
Series	SAM7S	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	AT91SAM7S32-AU001
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	21	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM7® SAM7S Microcontroller IC 16/32-Bit 55MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 8x10b
Core Size	16/32-Bit	Core Processor	ARM7®
Connectivity	I²C, SPI, SSC, UART/USART	Base Part Number	AT91SAM7S32
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