

AT91SAM7S16-MU



Part Number: [AT91SAM7S16-MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 16KB FLASH 48QFN

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

RoHs Status: Lead free / RoHS Compliant

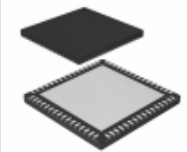
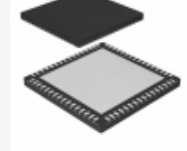
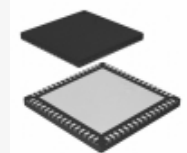
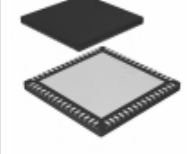
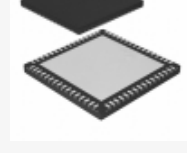
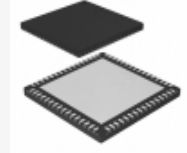
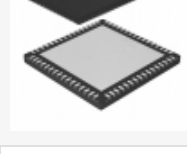
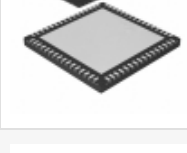
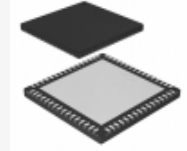
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PRODUCT PARAMETER			
Part Number	AT91SAM7S16-MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 16KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19355 pcs	Data sheet	AT91SAM Datasheet AT91SAM Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Supplier Device Package	48-QFN (7x7)	Speed	55MHz
Series	SAM7S	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	48-VFQFN Exposed Pad	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 16KB (16K x 8) FLASH 48-QFN (7x7)
Data Converters	A/D 8x10b	Core Size	16/32-Bit
Core Processor	ARM7®	Connectivity	I²C, SPI, SSC, UART/USART
Base Part Number	AT91SAM7S16		
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