

ATSAM4LC4BA-AU





Part Number: [ATSAM4LC4BA-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 64TQFP

Data sheet:  [SAM4L Series Summary](#)
 [SAM4L Flyer](#)
 [SAM4L8,L4,L2 Series Complete](#)

RoHs Status: Lead free / RoHS Compliant

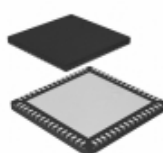
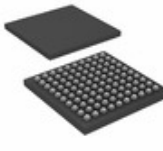
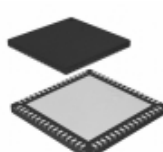
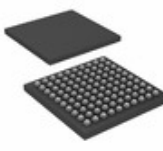
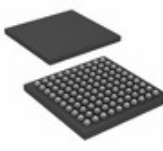
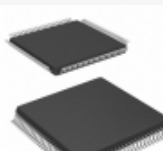
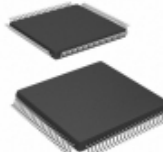
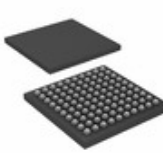
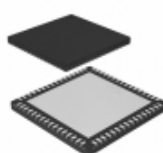
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PRODUCT PARAMETER			
Part Number	ATSAM4LC4BA-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21143 pcs	Data sheet	SAM4L Series Summary SAM4L Flyer SAM4L8,L4,L2 Series Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.68 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	Speed	48MHz
Series	SAM4L	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	43
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 SAM4L Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-TQFP (10x10)	Data Converters	A/D 7x12b, D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART, USB	Base Part Number	ATSAM4LC4
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	Part#: ATSAM4LC4CA-AU Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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