

ATSAM4LC8BA-AU





Part Number: [ATSAM4LC8BA-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 64TQFP

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

RoHs Status: Lead free / RoHS Compliant

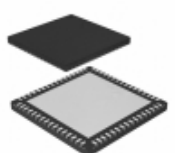
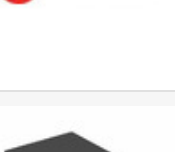
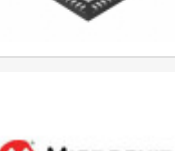
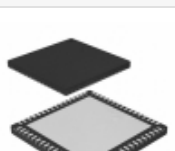
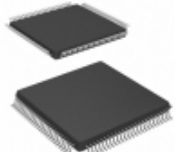
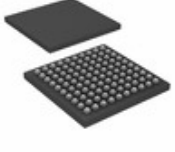
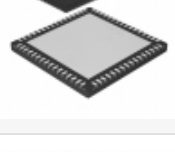
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PRODUCT PARAMETER			
Part Number	ATSAM4LC8BA-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	30938 pcs	Data sheet	SAM4L Series Summary 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	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP Exposed Pad	Other Names	1611-ATSAM4LC8BA-AU
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	20 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 SAM4L Microcontroller IC 32-Bit 48MHz 512KB (512K x 8) FLASH 64-TQFP (10x10)
Data Converters	A/D 7x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART, USB
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	Part#: ATSAM4LC4BA-AUR Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4LS2AA-AUR Description: IC MCU 32BIT 128KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4LC8BA-AUR Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4LC4BA-MUR Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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