

ATSAM4LS8AA-MU



Part Number: [ATSAM4LS8AA-MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 48QFN

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

RoHs Status: Lead free / RoHS Compliant

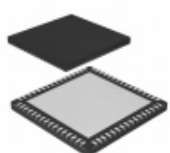
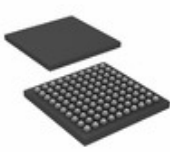
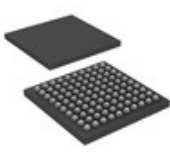
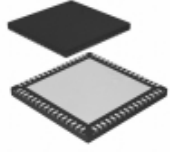
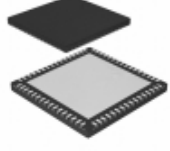
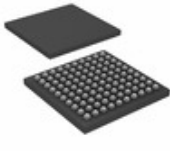
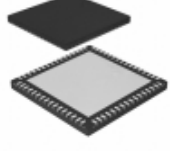
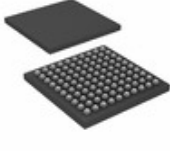
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PRODUCT PARAMETER			
Part Number	ATSAM4LS8AA-MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19680 pcs	Data sheet	SAM4L Series Summary SAM4L Flyer SAM4L8,L4,L2 Series Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.68 V ~ 3.6 V
Supplier Device Package	48-QFN (7x7)	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, 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	27
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 512KB (512K x 8) FLASH 48-QFN (7x7)	Data Converters	A/D 3x12b, D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART, USB	Base Part Number	ATSAM4LS8
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