

ATSAML21J18B-MUT



Part Number: [ATSAML21J18B-MUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 64QFN

Data sheet:  [ATSAML21\(E,G,J\) Datasheet Summary](#)

RoHs Status: Lead free / RoHS Compliant

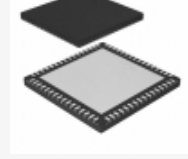
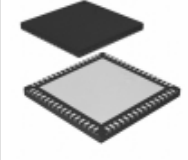
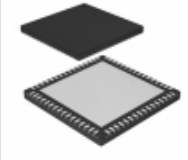
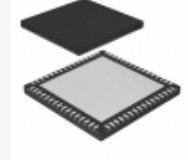
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PRODUCT PARAMETER			
Part Number	ATSAML21J18B-MUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20483 pcs	Data sheet	ATSAML21(E,G,J) Datasheet Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Supplier Device Package	64-QFN (9x9)	Speed	48MHz
Series	SAM L21J	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	64-VQFN Exposed Pad	Other Names	ATSAML21J18B-MUTCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	51	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	25 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM L21J Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 20x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, LINbus, SCI, SPI, UART/USART, USB
Base Part Number	ATSAML21J18		
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RELATED PRODUCTS			
	Part#: ATSAML21J17B-AUT Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22G16A-AUT Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22G17A-AUT Description: IC MCU 32BIT 128KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22-XPRO Description: EVAL KIT FOR SAML22	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22-XPRO-B Description: SAM L22 XPLAINED PRO EVAL BOARD	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21J18B-MNT Description: 64QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22G18A-MUT Description: IC MCU 32BIT 256KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22G18A-AUT Description: IC MCU 32BIT 256KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21J17B-MNT Description: 64QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21J18B-ANT Description: 64TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22G17A-MUT Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21J17B-UUT Description: IC MCU 32BIT 128KB FLASH 64WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22G16A-MUT Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22G17A-UUT Description: MCU 32BIT 128KB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
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