


	ATSAML21J18B-AUT
	Manufacturer Part Number: ATSAML21J18B-AUT
	Manufacturer/Brand: Micrel / Microchip Technology
	Part of Description: IC MCU 32BIT 256KB FLASH 64TQFP
Datasheets:  ATSAML21J18B-AUT.pdf	RoHS Status:  Lead free / RoHS
Stock Condition: Compliant New original, Stock Available.	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	ATSAML21J18B-AUT
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 64TQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	SAM L21J
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	64-TQFP
Supplier Device Package	64-TQFP (10x10)
Peripherals	DMA, POR, PWM, WDT
Core Processor	ARM® Cortex®-M0+
Speed	48MHz
Number of I/O	51
EEPROM Size	-
RAM Size	32K x 8
Core Size	32-Bit
Connectivity	I ² C, LIN, SCI, SPI, UART/USART, USB
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Data Converters	A/D 20x12b, D/A 2x12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)















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 ATSAML21J17B-UUT Micrel / Microchip Technology WLCSP64, IND TEMP GREEN, 1.6-3.6	 ATSAML21J18B-MUT Micrel / Microchip Technology IC MCU 32BIT 256KB FLASH 64QFN	 ATSAML21J18B-UUT Micro Commercial Components (MCC) IC MCU 32BIT 256KB FLASH 64WLCSP	 ATSAML21J18B-AUT Micro Commercial Components (MCC) IC MCU 32BIT 256KB FLASH 64TQFP

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 ISL6341BCRZ	 ISL97644IRZ	 L-7104ID	 LD051A221KAB2A	 LM224DR2
 LM4839MTEX	 LMV116MF	 LQH3N2R2M0400-01	 LT1021CCN8-5	 LT8610ACEMSE#TRPBF
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 MT48LC64M8A2P-75IT:C	 PDM1405HA	 PMPB20EN	 QM12N65P	 SC2433SW
 SI4936CDY	 SLF10165T-1R5N6R83PF	 SN65HVD3086EDR	 SSC54-M3/57T	 STF20NF06L
 SW16CXC950	 SW16HHN320	 T80F800BFL	 TA589861	 TPS71550DCKR
 V48C15C150AL2	 V48C5T75BL	 VI-J0X-IZ	 VI-J62-IZ	 VOS617A-3

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