

ATSAML21G16B-AUT





Part Number: [ATSAML21G16B-AUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 48TQFP

Data sheet:  [SAM L21 Datasheet Complete](#)

RoHs Status: Lead free / RoHS Compliant

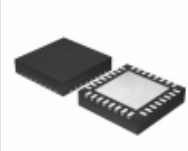
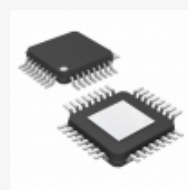
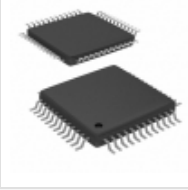
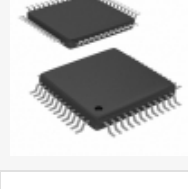
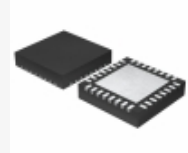
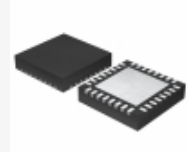
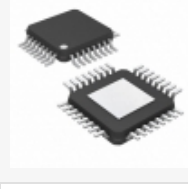
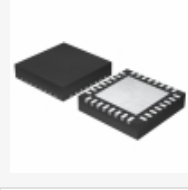
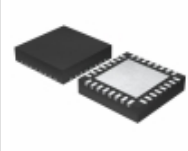
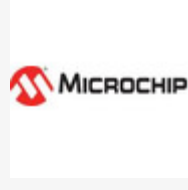
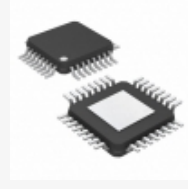
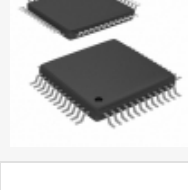
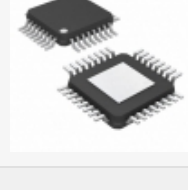
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PRODUCT PARAMETER			
Part Number	ATSAML21G16B-AUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	81599 pcs	Data sheet	SAM L21 Datasheet Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Supplier Device Package	48-TQFP (7x7)	Speed	48MHz
Series	SAM L21G	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	48-TQFP	Other Names	1611-ATSAML21G16B-AUTCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	37	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM L21G Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 48-TQFP (7x7)
Data Converters	A/D 14x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, LINbus, SCI, SPI, UART/USART, USB
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	Part#: ATSAML21G16B-ANT Description: 48TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21G17B-ANT Description: 48TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21G16B-MUT Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E18B-MUT Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21G17B-MUT Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E16B-MUT Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21G17B-AUT Description: IC MCU 32BIT 128KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E17B-ANT Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21G18B-MNT Description: 48QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E17B-MNT Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E18B-MNT Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21G17B-MNT Description: 48QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21G16B-MNT Description: 48QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E18B-ANT Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
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