

ATSAML22G17A-MUT



Part Number: [ATSAML22G17A-MUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 128KB FLASH 48QFN

Data sheet:  [SAM L22 Datasheet Complete](#)
 [SAM L22 Datasheet Summary](#)

RoHs Status: Lead free / RoHS Compliant

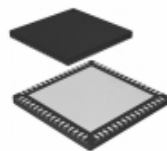
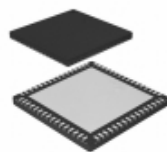
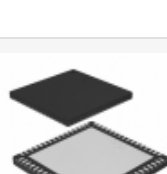
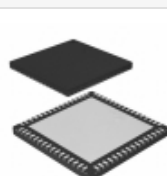
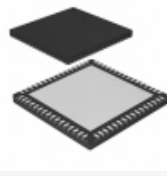
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PRODUCT PARAMETER			
Part Number	ATSAML22G17A-MUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 128KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	41079 pcs	Data sheet	SAM L22 Datasheet Complete SAM L22 Datasheet Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Supplier Device Package	48-QFN (7x7)	Speed	32MHz
Series	SAM L22G	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-VFQFN Exposed Pad	Other Names	ATSAML22G17A-MUTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	36	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	26 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM L22G Microcontroller IC 32-Bit 32MHz 128KB (128K x 8) FLASH 48-QFN (7x7)
Data Converters	A/D 10x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART, USB
Base Part Number	ATSAML22G17		
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	Part#: ATSAML21J18B-MNT Description: 64QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22J16A-MUT Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22J18A-MUT Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22G18A-UUT Description: IC MCU 32BIT 256KB FLASH 49WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22G17A-AUT Description: IC MCU 32BIT 128KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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