

ATSAMD21G16L-MUT



Part Number: [ATSAMD21G16L-MUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 48QFN

Data sheet:  [SAM D21EL, GL Complete](#)
 [SAM D21EL, GL Summary](#)

RoHs Status: Lead free / RoHS Compliant

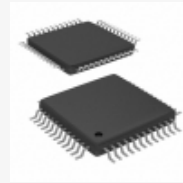
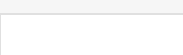
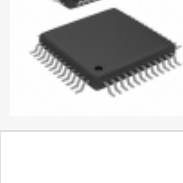
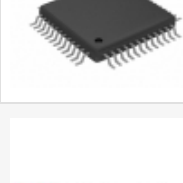
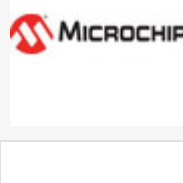
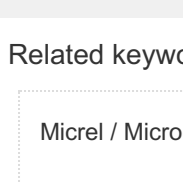
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PRODUCT PARAMETER			
Part Number	ATSAMD21G16L-MUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	61235 pcs	Data sheet	SAM D21EL, GL Complete SAM D21EL, GL Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	48-QFN (7x7)	Speed	48MHz
Series	SAM D21G	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Original-Reel®
Package / Case	48-VFQFN Exposed Pad	Other Names	ATSAMD21G16L-MUTDKR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	38	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®-M0+ SAM D21G Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 48-QFN (7x7)
Data Converters	A/D 14x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I ² C, LINbus, SPI, UART/USART, USB
Base Part Number	ATSAMD21G16		
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	Part#: ATSAMD21G16B-MU Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD21G17A-MUT Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21G16B-MF Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21G16B-AFT Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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