

ATSAMD21J18A-MFT



Part Number: [ATSAMD21J18A-MFT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 64QFN

Data sheet:  [SAM D21E,G,J Summary](#)
 [SAM D21E,G,J Complete](#)

RoHs Status: Lead free / RoHS Compliant

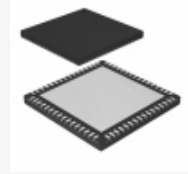
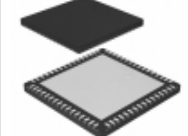
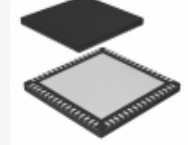
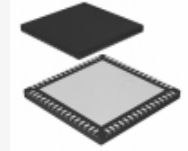
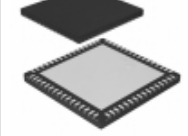
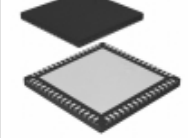
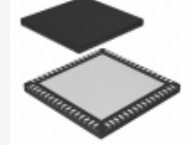
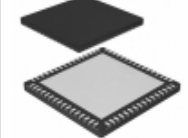
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PRODUCT PARAMETER			
Part Number	ATSAMD21J18A-MFT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32983 pcs	Data sheet	SAM D21E,G,J Summary SAM D21E,G,J Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	48MHz
Series	SAM D21J	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	64-VFQFN Exposed Pad	Other Names	1611-ATSAMD21J18A-MFTCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	52	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM D21J Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 20x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I ² C, LINbus, SPI, UART/USART, USB
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	Part#: ATSAMD21J18A-AFT Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21J18A-AU Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD21J17A-MFT Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD21J18A-AF Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51J18A-AU Description: 120MHZ 256KB FLASH 64 TQFP PKG I	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51J18A-AUT Description: 120MHZ 256KB FLASH 64 TQFP PKG I	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21J18A-CU Description: IC MCU 32BIT 256KB FLASH 64UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ

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