

ATSAMD21J17A-MU



Part Number: [ATSAMD21J17A-MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 128KB FLASH 64QFN

Data sheet: [PDF SAM D21E,G,J Summary](#)
[PDF SAM D21E,G,J Complete](#)
[PDF SAM D21 Family Errata, Clarification](#)
[PDF SAM D21 Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

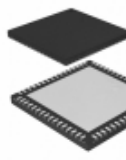
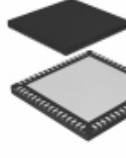
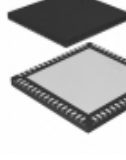
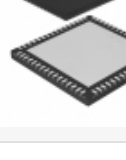
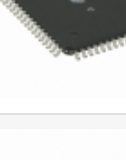
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PRODUCT PARAMETER			
Part Number	ATSAMD21J17A-MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 128KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	40469 pcs	Data sheet	SAM D21E,G,J Summary SAM D21E,G,J Complete SAM D21 Family Errata SAM D21 Family Datasheet
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	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	52
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	20 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ SAM D21J Microcontroller IC 32-Bit 48MHz 128KB (128K 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	Base Part Number	ATSAMD21J17
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	Part#: ATSAMD21J18A-MF Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21J16B-MU Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21J18A-MU Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21J17A-AF Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21J17A-CUT Description: IC MCU 32BIT 128KB FLASH 64UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21J18A-MFT Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD21J16B-MUT Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21J17A-MF Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD21J18A-CU Description: IC MCU 32BIT 256KB FLASH 64UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATSAMD21J17A-MU			
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