

ATSAMC21J18A-AUT



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Part Number: [ATSAMC21J18A-AUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 64TQFP

Data sheet:  [SAM C20,C21 Complete](#)

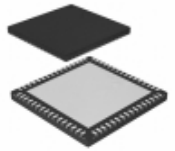
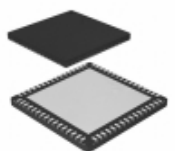
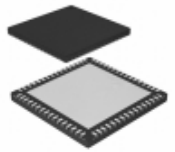
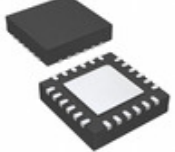
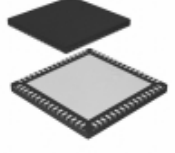
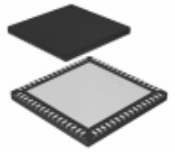
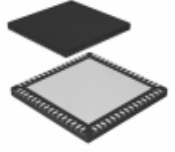
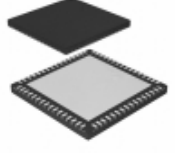
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMC21J18A-AUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	34596 pcs	Data sheet	SAM C20,C21 Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-TQFP (10x10)	Speed	48MHz
Series	SAM C21	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, WDT	Packaging	Original-Reel®
Package / Case	64-TQFP Exposed Pad	Other Names	ATSAMC21J18A-AUTDKR
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	30 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM C21 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-TQFP (10x10)
Data Converters	A/D 20x12b, 3x16b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	CANbus, I²C, LINbus, SPI, UART/USART
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	Part#: ATSAMC21J17A-ANT Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMC21N18A-ANT Description: IC MCU 32BIT 256KB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMC21J17A-MNT Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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