

ATSAMC21G15A-AUT





Part Number:

ATSAMC21G15A-AUT

Manufacturer

Micrel / Microchip Technology

Description

IC MCU 32BIT 32KB FLASH 48TQFP

Data sheet:

 [SAM C20,C21 Complete](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

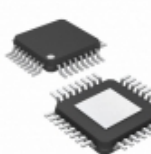
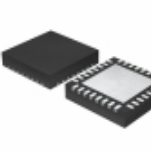
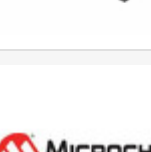
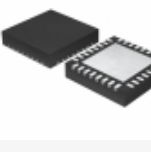
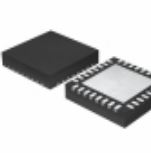
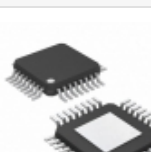
Shipment Way:

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PRODUCT PARAMETER			
Part Number	ATSAMC21G15A-AUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 32KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	49944 pcs	Data sheet	SAM C20,C21 Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-TQFP (7x7)	Speed	48MHz
Series	SAM C21	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-TQFP	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	16 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ SAM C21 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 48-TQFP (7x7)	Data Converters	A/D 14x12b, 2x16b, D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	CANbus, I²C, LINbus, SPI, UART/USART		
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