

ATSAMC20G18A-AUT





Part Number: [ATSAMC20G18A-AUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 48TQFP

Data sheet:  [SAM C20,C21 Complete](#)
 [SAMC20 Datasheet Summary](#)

RoHs Status: Lead free / RoHS Compliant

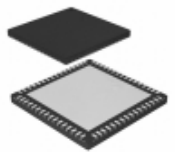
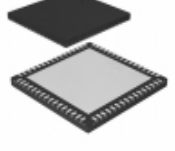
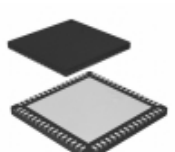
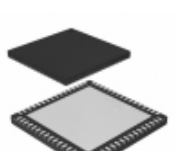
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PRODUCT PARAMETER			
Part Number	ATSAMC20G18A-AUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	78580 pcs	Data sheet	SAM C20,C21 Complete SAMC20 Datasheet Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-TQFP (7x7)	Speed	48MHz
Series	SAM C20	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	Cut Tape (CT)
Package / Case	48-TQFP	Other Names	1611-ATSAMC20G18A-AUTCT
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	17 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM C20 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 48-TQFP (7x7)
Data Converters	A/D 12x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, LINbus, SPI, UART/USART
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