

ATSAMD09C13A-SSUT



Part Number: [ATSAMD09C13A-SSUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 8KB FLASH 14SOIC

Data sheet:  [SAM D Introduction](#)
 [SAM D09 Summary](#)
 [SAM D09 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

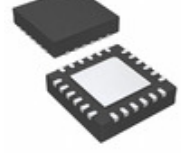
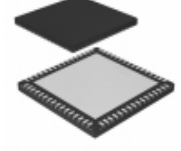
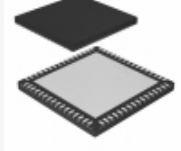
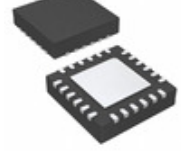
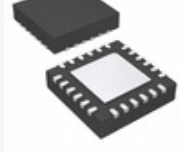
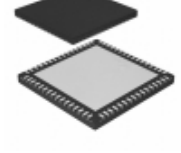
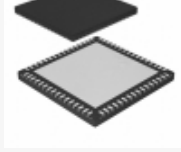
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PRODUCT PARAMETER			
Part Number	ATSAMD09C13A-SSUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 8KB FLASH 14SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	76496 pcs	Data sheet	SAM D Introduction SAM D09 Summary SAM D09 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Supplier Device Package	14-SOIC	Speed	48MHz
Series	SAM D09C	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, WDT	Packaging	Cut Tape (CT)
Package / Case	14-SOIC (0.154", 3.90mm Width)	Other Names	1611-ATSAMD09C13A-SSUTCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	12	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM D09C Microcontroller IC 32-Bit 48MHz 8KB (8K x 8) FLASH 14-SOIC
Data Converters	A/D 5x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, LINbus, SPI, UART/USART
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