



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMD09C13A-SSUT

Part Number:	ATSAMD09C13A-SSUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 8KB FLASH 14SOIC
	PDF 1.ATSAMD09C13A-SSUT.pdf
	PDF 2.ATSAMD09C13A-SSUT.pdf
	PDF 3.ATSAMD09C13A-SSUT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

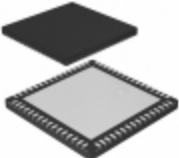
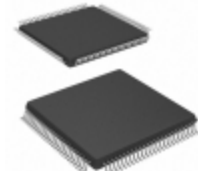
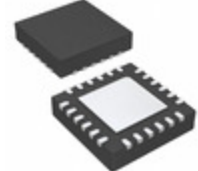
Specifications of ATSAMD09C13A-SSUT

PART NUMBER	ATSAMD09C13A-SSUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 8KB FLASH 14SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.ATSAMD09C13A-SSUT.pdf PDF 2.ATSAMD09C13A-SSUT.pdf PDF 3.ATSAMD09C13A-SSUT.pdf
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

Related Tags

Micrel / Microchip Technology ATSAMD09C13A-SSUT	ATSAMD09C13A-SSUT Distributor	ATSAMD09C13A-SSUT Supplier
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Related Products

 ATSAMC21N-XPRO Manufacturers: Micrel / Microchip Technology Description: SAM C21N XPLAINED PRO EVALUATION In stock: Out stock RFQ	 ATSAMD10-XMINI Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAMD10 In stock: 77 pcs RFQ
 ATSAMC21J18A-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64VQFN In stock: Out stock RFQ	 ATSAMC21J18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64VQFN In stock: Out stock RFQ
 ATSAMD10C13A-SSUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 8KB FLASH 14SOIC In stock: Out stock RFQ	 ATSAMC21MOTOR Manufacturers: Micrel / Microchip Technology Description: SAM C21 BLDC MOTOR CONTROL MCU B In stock: 22 pcs RFQ
 ATSAMD10C13A-SSNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 8KB FLASH 14SOIC In stock: Out stock RFQ	 ATSAMC21N18A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH In stock: Out stock RFQ
 ATSAMC21N17A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH In stock: Out stock RFQ	 ATSAMD09D14A-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 16KB FLASH 24QFN In stock: Out stock RFQ
 ATSAMD09D14A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 24QFN In stock: Out stock RFQ	 ATSAMD09C13A-SSUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 8KB FLASH 14SOIC In stock: Out stock RFQ