

ATSAMD10D14A-SSUT



Part Number: [ATSAMD10D14A-SSUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 16KB FLASH 20SOIC

Data sheet:  [SAM D10 Datasheet](#)
 [SAM D10 Summary](#)

RoHs Status: Lead free / RoHS Compliant

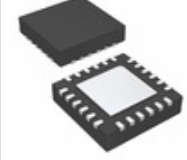
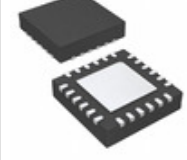
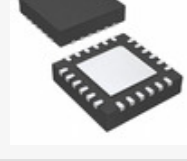
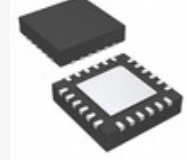
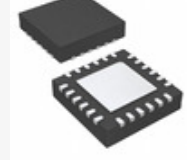
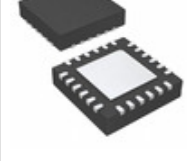
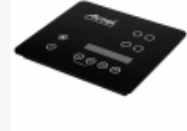
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PRODUCT PARAMETER			
Part Number	ATSAMD10D14A-SSUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 16KB FLASH 20SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62801 pcs	Data sheet	SAM D10 Datasheet SAM D10 Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Supplier Device Package	20-SOIC	Speed	48MHz
Series	SAM D10D	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, WDT	Packaging	Tape & Reel (TR)
Package / Case	20-SOIC (0.295", 7.50mm Width)	Other Names	ATSAMD10D14A-SSUTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	18	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	27 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM D10D Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 20-SOIC
Data Converters	A/D 8x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, LINbus, SPI, UART/USART
Base Part Number	ATSAMD10D14		
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