

ATSAML10D14A-MFT



Part Number: [ATSAML10D14A-MFT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 16KB FLASH 24VQFN

Data sheet:  [SAM L10/L11 Family Sellsheet](#)
 [SAM L10/L11 Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	ATSAML10D14A-MFT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 16KB FLASH 24VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	64967 pcs	Data sheet	SAM L10/L11 Family Sellsheet SAM L10/L11 Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Supplier Device Package	24-VQFN (4x4)	Speed	32MHz
Series	SAM L10	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	24-VFQFN Exposed Pad	Other Names	ATSAML10D14A-MFTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	17	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	ARM® Cortex®-M23 SAM L10 Microcontroller IC 32-Bit 32MHz 16KB (16K x 8) FLASH 24-VQFN (4x4)
Data Converters	A/D 5x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M23	Connectivity	I²C, LINbus, SPI, UART/USART
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