

ATSAML10E15A-MFT



Part Number: [ATSAML10E15A-MFT](#)

Manufacturer: [Micrel / Microchip Technology](#)

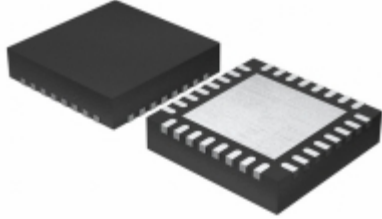
Description: IC MCU 32BIT 32KB FLASH 32VQFN

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

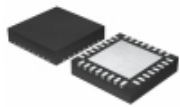
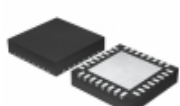
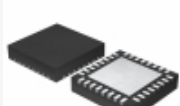
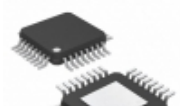
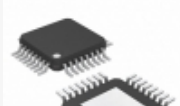
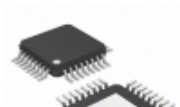
Shipment Way: DHL/Fedex/TNT/UPS/EMS



Images are for reference only.
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PRODUCT PARAMETER			
Part Number	ATSAML10E15A-MFT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 32KB FLASH 32VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	56686 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	32-VQFN (5x5)	Speed	32MHz
Series	SAM L10	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Original-Reel®
Package / Case	32-VFQFN Exposed Pad	Other Names	ATSAML10E15A-MFTDKR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	25	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 32KB (32K x 8) FLASH 32-VQFN (5x5)
Data Converters	A/D 10x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M23	Connectivity	I²C, LINbus, SPI, UART/USART
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	Part#: ATSAML10E15A-MUT Description: IC MCU 32BIT 32KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML10E16A-MF Description: IC MCU 32BIT 64KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML10E16A-AFT Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML10E16A-AU Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAML10E14A-MF Description: IC MCU 32BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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