

ATSAML10D16A-YU





Part Number: [ATSAML10D16A-YU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 24SSOP

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

RoHs Status: Lead free / RoHS Compliant

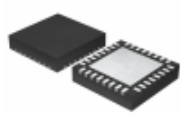
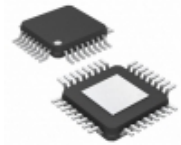
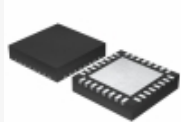
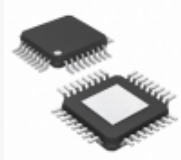
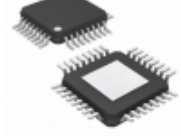
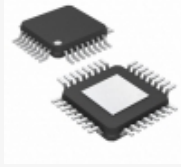
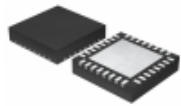
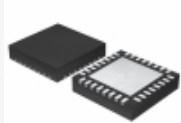
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PRODUCT PARAMETER			
Part Number	ATSAML10D16A-YU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 24SSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	55317 pcs	Data sheet	SAM L10/L11 Family Sellsheet SAM L10/L11 Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Supplier Device Package	24-SSOP	Speed	32MHz
Series	SAM L10	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tube
Package / Case	24-SSOP (0.209", 5.30mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	17
Moisture Sensitivity Level (MSL)	2 (1 Year)	Manufacturer Standard Lead Time	13 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 64KB (64K x 8) FLASH 24-SSOP	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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