

ATSAML10D16A-YUT





Part Number:

ATSAML10D16A-YUT

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

Ship From:

Hong Kong

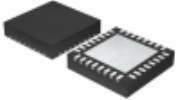
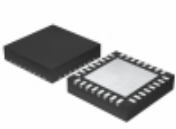
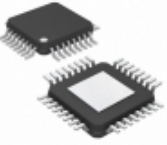
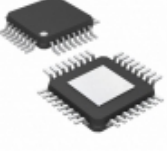
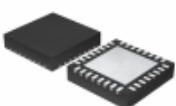
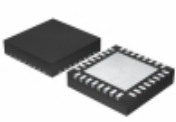
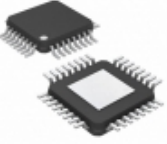
Shipment Way:

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PRODUCT PARAMETER			
Part Number	ATSAML10D16A-YUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 24SSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	63414 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	Tape & Reel (TR)
Package / Case	24-SSOP (0.209", 5.30mm Width)	Other Names	ATSAML10D16A-YUTTR
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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