

 **MICROCHIP**

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAML10D14A-YF

Part Number:	ATSAML10D14A-YF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 16KB FLASH 24SSOP
Datasheets:	 1.ATSAML10D14A-YF.pdf  2.ATSAML10D14A-YF.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	50684 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATSAML10D14A-YF

PART NUMBER	ATSAML10D14A-YF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 16KB FLASH 24SSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	50684 pcs
DATA SHEET	 1.ATSAML10D14A-YF.pdf  2.ATSAML10D14A-YF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	24-SSOP
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	Tube
PACKAGE / CASE	24-SSOP (0.209", 5.30mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	17
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
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-SSOP
DATA CONVERTERS	A/D 5x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M23
CONNECTIVITY	I²C, LINbus, SPI, UART/USART

Related Tags

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ATSAML10D14A-YF Price	ATSAML10D14A-YF Pictures	ATSAML10D14A-YF Image
ATSAML10D14A-YF PDF Datasheet	ATSAML10D14A-YF Download Datasheet	ATSAML10D14A-YF Datasheet
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 ATSAML10D14A-MFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 24VQFN In stock: 71194 pcs RFQ	 ATSAML10D15A-MFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 24VQFN In stock: 67424 pcs RFQ
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