

ATSAML10E14A-MFT



Images are for reference only.  
See Product Specifications for product details.  
Buy **ATSAML10E14A-MFT** with confidence from  
Component-World.HK, 1 Year Warranty



**Part Number:** [ATSAML10E14A-MFT](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description** IC MCU 32BIT 16KB FLASH 32VQFN

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

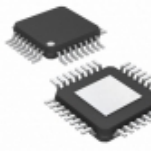
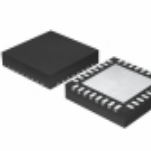
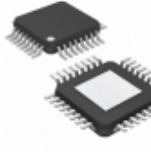
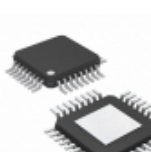
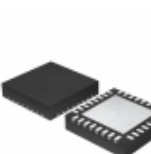
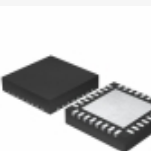
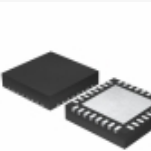
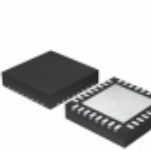
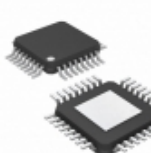
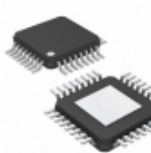
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |                                  |                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ATSAML10E14A-MFT                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 32BIT 16KB FLASH 32VQFN             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 55576 pcs                                  | Data sheet                       | <a href="#">SAM L10/L11 Family Sellsheet</a><br><a href="#">SAM L10/L11 Family Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.62 V ~ 3.63 V                                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32-VQFN (5x5)                              | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 32-VFQFN Exposed Pad                       | Other Names                      | ATSAML10E14A-MFTTR                                                                           |
| 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 16KB (16K 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                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 55576 pieces of Micrel / Microchip Technology ATSAML10E14A-MFT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                            |                                  |                                                                                              |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">ATSAML10E15A-AU</a><br>Description: IC MCU 32BIT 32KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E15A-AF</a><br>Description: IC MCU 32BIT 32KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E14A-UUT</a><br>Description: IC MCU 32BIT 16KB FLASH 32WLCSP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E15A-MU</a><br>Description: IC MCU 32BIT 32KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E15A-AUT</a><br>Description: IC MCU 32BIT 32KB FLASH 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10D16A-MUT</a><br>Description: IC MCU 32BIT 64KB FLASH 24VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E14A-AUT</a><br>Description: IC MCU 32BIT 16KB FLASH 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E14A-MF</a><br>Description: IC MCU 32BIT 16KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E14A-MUT</a><br>Description: IC MCU 32BIT 16KB FLASH 32VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10D16A-YUT</a><br>Description: IC MCU 32BIT 64KB FLASH 24SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E14A-AFT</a><br>Description: IC MCU 32BIT 16KB FLASH 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E15A-MF</a><br>Description: IC MCU 32BIT 32KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E15A-AFT</a><br>Description: IC MCU 32BIT 32KB FLASH 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E14A-MU</a><br>Description: IC MCU 32BIT 16KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E15A-MFT</a><br>Description: IC MCU 32BIT 32KB FLASH 32VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E14A-AU</a><br>Description: IC MCU 32BIT 16KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10D16A-YFT</a><br>Description: IC MCU 32BIT 64KB FLASH 24SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10D16A-YU</a><br>Description: IC MCU 32BIT 64KB FLASH 24SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10E14A-AF</a><br>Description: IC MCU 32BIT 16KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ATSAML10D16A-YF</a><br>Description: IC MCU 32BIT 64KB FLASH 24SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

|                                                |                                                |                                       |                                                            |
|------------------------------------------------|------------------------------------------------|---------------------------------------|------------------------------------------------------------|
| Related keywords for <b>ATSAML10E14A-MFT</b>   |                                                |                                       |                                                            |
| Micrel / Microchip Technology ATSAML10E14A-MFT | ATSAML10E14A-MFT distributor                   | ATSAML10E14A-MFT supplier             | ATSAML10E14A-MFT price                                     |
|                                                | ATSAML10E14A-MFT download datasheet            | ATSAML10E14A-MFT datasheet            | ATSAML10E14A-MFT stock                                     |
| buy ATSAML10E14A-MFT                           | Micrel / Microchip Technology ATSAML10E14A-MFT | Microchip Technology ATSAML10E14A-MFT | Roving Networks / Microchip Technology<br>ATSAML10E14A-MFT |