



**Micrel / Microchip Technology**



Image may be representation. See specifications for product details.

**ATSAML11D15A-MFT**

|                     |                                                                                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAML11D15A-MFT                                                                                                                                                                                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                               |
| Product description | IC MCU 32BIT 32KB FLASH 24VQFN                                                                                                                                                                                                                                              |
| Datasheets:         | <div>  <a href="#">1.ATSAML11D15A-MFT.pdf</a> </div> <div>  <a href="#">2.ATSAML11D15A-MFT.pdf</a> </div> |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                |
| Stock Condition     | 38810 pcs stock                                                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

Specifications of ATSAML11D15A-MFT

|                                  |                                                                                                                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAML11D15A-MFT                                                                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 24VQFN                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 38810 pcs                                                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div>  <a href="#">1.ATSAML11D15A-MFT.pdf</a> </div> <div>  <a href="#">2.ATSAML11D15A-MFT.pdf</a> </div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.63 V                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 24-VQFN (4x4)                                                                                                                                                                                                                                                                   |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                           |
| SERIES                           | SAM L11                                                                                                                                                                                                                                                                         |
| 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                        | Cut Tape (CT)                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 24-VFQFN Exposed Pad                                                                                                                                                                                                                                                            |
| OTHER NAMES                      | ATSAML11D15A-MFTCT                                                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 17                                                                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                      |
| EEPROM SIZE                      | 2K x 8                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | ARM® Cortex®-M23 SAM L11 Microcontroller IC 32-Bit 32MHz 32KB (32K x 8) FLASH 24-VQFN (4x4)                                                                                                                                                                                     |
| 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

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAML11D15A-MFT | ATSAML11D15A-MFT Distributor           | ATSAML11D15A-MFT Supplier                               |
| ATSAML11D15A-MFT Price                         | ATSAML11D15A-MFT Pictures              | ATSAML11D15A-MFT Image                                  |
| ATSAML11D15A-MFT PDF Datasheet                 | ATSAML11D15A-MFT Download Datasheet    | ATSAML11D15A-MFT Datasheet                              |
| ATSAML11D15A-MFT Stock                         | Buy ATSAML11D15A-MFT                   | Buy Micrel / Microchip Technology ATSAML11D15A-MFT      |
| Micrel / Microchip Technology ATSAML11D15A-MFT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAML11D15A-MFT | Microchip Technology ATSAML11D15A-MFT  | Roving Networks / Microchip Technology ATSAML11D15A-MFT |

Related Products

|                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>  </div> <div> <b>ATSAML11D14A-MUT</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 16KB FLASH 24VQFN<br/>                     In stock: 70483 pcs                 </div> <div>                     RFQ                 </div> | <div>  </div> <div> <b>ATSAML11D15A-YFT</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 32KB FLASH 24SSOP<br/>                     In stock: 51583 pcs                 </div> <div>                     RFQ                 </div> |
| <div>  </div> <div> <b>ATSAML11D15A-YU</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 32KB FLASH 24SSOP<br/>                     In stock: 45645 pcs                 </div> <div>                     RFQ                 </div>  | <div>  </div> <div> <b>ATSAML11D15A-MUT</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 32KB FLASH 24VQFN<br/>                     In stock: 52417 pcs                 </div> <div>                     RFQ                 </div> |
| <div>  </div> <div> <b>ATSAML11D14A-YF</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 16KB FLASH 24SSOP<br/>                     In stock: 41747 pcs                 </div> <div>                     RFQ                 </div>  | <div>  </div> <div> <b>ATSAML11D14A-YUT</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 16KB FLASH 24SSOP<br/>                     In stock: 58813 pcs                 </div> <div>                     RFQ                 </div> |
| <div>  </div> <div> <b>ATSAML11D14A-YU</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 16KB FLASH 24SSOP<br/>                     In stock: 42694 pcs                 </div> <div>                     RFQ                 </div>  | <div>  </div> <div> <b>ATSAML11D15A-MF</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 32KB FLASH 24VQFN<br/>                     In stock: 44399 pcs                 </div> <div>                     RFQ                 </div>  |
| <div>  </div> <div> <b>ATSAML11D15A-YUT</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 32KB FLASH 24SSOP<br/>                     In stock: 62999 pcs                 </div> <div>                     RFQ                 </div> | <div>  </div> <div> <b>ATSAML11D14A-YFT</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 16KB FLASH 24SSOP<br/>                     In stock: 48938 pcs                 </div> <div>                     RFQ                 </div> |
| <div>  </div> <div> <b>ATSAML11D15A-YF</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 32KB FLASH 24SSOP<br/>                     In stock: 46855 pcs                 </div> <div>                     RFQ                 </div>  | <div>  </div> <div> <b>ATSAML11D15A-MU</b> </div> <div>                     Manufacturers: <a href="#">Micrel / Microchip Technology</a><br/>                     Description: IC MCU 32BIT 32KB FLASH 24VQFN<br/>                     In stock: 46498 pcs                 </div> <div>                     RFQ                 </div>  |