

ATSAML11D15A-MUT



Part Number: [ATSAML11D15A-MUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 32KB FLASH 24VQFN

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

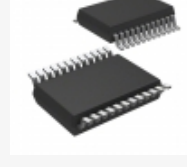
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| PRODUCT PARAMETER               |                                            |                                  |                                                                                              |
|---------------------------------|--------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                     | ATSAML11D15A-MUT                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                |
| Description                     | IC MCU 32BIT 32KB FLASH 24VQFN             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| Quantity Available              | 57146 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         | 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                        | Tape & Reel (TR)                                                                             |
| Package / Case                  | 24-VFQFN Exposed Pad                       | Other Names                      | ATSAML11D15A-MUTTTR                                                                          |
| Oscillator Type                 | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                            |
| Number of I/O                   | 17                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                |
| 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 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                                                                 |

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