



ATSAML11D14A-MU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAML11D14A-MU                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 16KB FLASH 24VQFN                                                                               |
| Datasheets:         |  1.ATSAML11D14A-MU.pdf      |
|                     |  2.ATSAML11D14A-MU.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 44862 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ATSAML11D14A-MU

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAML11D14A-MU                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 24VQFN                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 44862 pcs                                                                                                 |
| DATA SHEET                       |  1.ATSAML11D14A-MU.pdf |
|                                  |  2.ATSAML11D14A-MU.pdf |
| 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              | 16KB (16K x 8)                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 24-VFQFN Exposed Pad                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 16KB (16K 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 ATSAML11D14A-MU | ATSAML11D14A-MU Distributor            | ATSAML11D14A-MU Supplier                               |
| ATSAML11D14A-MU Price                         | ATSAML11D14A-MU Pictures               | ATSAML11D14A-MU Image                                  |
| ATSAML11D14A-MU PDF Datasheet                 | ATSAML11D14A-MU Download Datasheet     | ATSAML11D14A-MU Datasheet                              |
| ATSAML11D14A-MU Stock                         | Buy ATSAML11D14A-MU                    | Buy Micrel / Microchip Technology ATSAML11D14A-MU      |
| Micrel / Microchip Technology ATSAML11D14A-MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAML11D14A-MU | Microchip Technology ATSAML11D14A-MU   | Roving Networks / Microchip Technology ATSAML11D14A-MU |

Related Products

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| <div></div> <div>ATSAML11D14A-MUT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 16KB FLASH 24VQFN</div> <div>In stock: 70483 pcs</div> <div>RFQ</div> | <div></div> <div>ATSAML10E16A-MU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 64KB FLASH 32VQFN</div> <div>In stock: 51805 pcs</div> <div>RFQ</div>   |
| <div></div> <div>ATSAML11D14A-YFT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 16KB FLASH 24SSOP</div> <div>In stock: 48938 pcs</div> <div>RFQ</div> | <div></div> <div>ATSAML11D14A-MF</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 16KB FLASH 24VQFN</div> <div>In stock: 40752 pcs</div> <div>RFQ</div>   |
| <div></div> <div>ATSAML11D14A-YU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 16KB FLASH 24SSOP</div> <div>In stock: 42694 pcs</div> <div>RFQ</div>  | <div></div> <div>ATSAML10E16A-MFT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 64KB FLASH 32VQFN</div> <div>In stock: 47680 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ATSAML11D14A-YF</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 16KB FLASH 24SSOP</div> <div>In stock: 41747 pcs</div> <div>RFQ</div>  | <div></div> <div>ATSAML10E16A-MUT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 64KB FLASH 32VQFN</div> <div>In stock: 50941 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ATSAML11D14A-MFT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 16KB FLASH 24VQFN</div> <div>In stock: 54291 pcs</div> <div>RFQ</div> | <div></div> <div>ATSAML11D15A-MF</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 32KB FLASH 24VQFN</div> <div>In stock: 44399 pcs</div> <div>RFQ</div>   |
| <div></div> <div>ATSAML11D14A-YUT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 16KB FLASH 24SSOP</div> <div>In stock: 58813 pcs</div> <div>RFQ</div> | <div></div> <div>ATSAML10E16A-UUT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 64KB FLASH 32WLCSP</div> <div>In stock: 65955 pcs</div> <div>RFQ</div> |