

MICROCHIP

Micrel / Microchip Technology

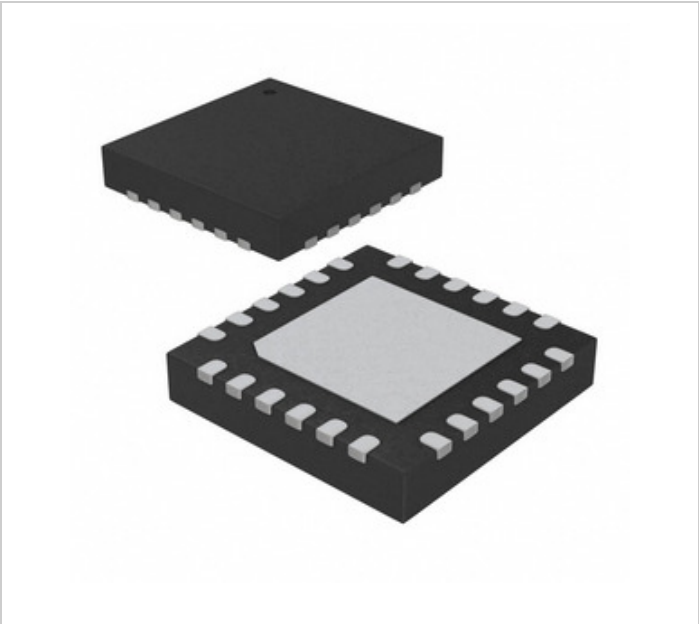


Image may be representation. See specifications for product details.

ATSAML11D16A-MU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAML11D16A-MU                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 64KB FLASH 24VQFN                                                                               |
| Datasheets:         |  1.ATSAML11D16A-MU.pdf      |
|                     |  2.ATSAML11D16A-MU.pdf      |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

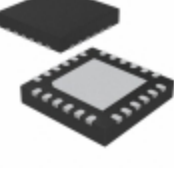
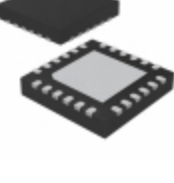
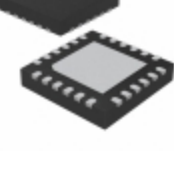
Specifications of ATSAML11D16A-MU

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAML11D16A-MU                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 24VQFN                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.ATSAML11D16A-MU.pdf<br> 2.ATSAML11D16A-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                         | 16K x 8                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 64KB (64K 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)                                                                                                                                                                                                          |
| 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 64KB (64K 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 ATSAML11D16A-MU | ATSAML11D16A-MU Distributor            | ATSAML11D16A-MU Supplier                               |
| ATSAML11D16A-MU Price                         | ATSAML11D16A-MU Pictures               | ATSAML11D16A-MU Image                                  |
| ATSAML11D16A-MU PDF Datasheet                 | ATSAML11D16A-MU Download Datasheet     | ATSAML11D16A-MU Datasheet                              |
| ATSAML11D16A-MU Stock                         | Buy ATSAML11D16A-MU                    | Buy Micrel / Microchip Technology ATSAML11D16A-MU      |
| Micrel / Microchip Technology ATSAML11D16A-MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAML11D16A-MU | Microchip Technology ATSAML11D16A-MU   | Roving Networks / Microchip Technology ATSAML11D16A-MU |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
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|  <div><b>ATSAML11D16A-YU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 24SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATSAML11D15A-YUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 24SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATSAML11E14A-AF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATSAML11D16A-YUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 24SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATSAML11D16A-YFT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 24SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATSAML11D15A-YFT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 24SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATSAML11D16A-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 24VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATSAML11D15A-YU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 24SSOP<br/>In stock: 200 pcs<br/><div>RFQ</div></div>    |
|  <div><b>ATSAML11D16A-MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 24VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATSAML11D15A-YF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 24SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>ATSAML11D16A-MFT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 24VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATSAML11D16A-YF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 24SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |

