



ATSAML11D14A-YFT

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

REQUEST FOR QUOTATION

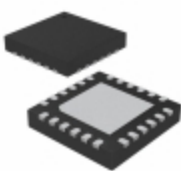
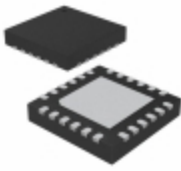
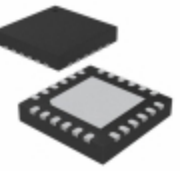
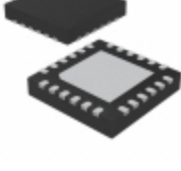
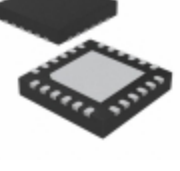
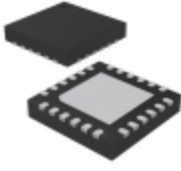
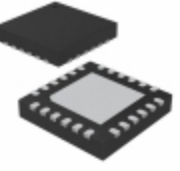
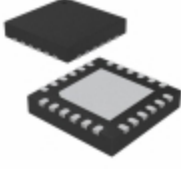
Specifications of ATSAML11D14A-YFT

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAML11D14A-YFT                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 24SSOP                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.ATSAML11D14A-YFT.pdf<br> 2.ATSAML11D14A-YFT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.63 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 24-SSOP                                                                                                                                                                                                                  |
| 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                        | Tape & Reel (TR)                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 24-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                           |
| OTHER NAMES                      | ATSAML11D14A-YFTTR                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 17                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                                                                                                               |
| 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 L11 Microcontroller IC 32-Bit 32MHz 16KB (16K x 8) FLASH 24-SSOP                                                                                                                                    |
| 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-YFT | ATSAML11D14A-YFT Distributor           | ATSAML11D14A-YFT Supplier                               |
| ATSAML11D14A-YFT Price                         | ATSAML11D14A-YFT Pictures              | ATSAML11D14A-YFT Image                                  |
| ATSAML11D14A-YFT PDF Datasheet                 | ATSAML11D14A-YFT Download Datasheet    | ATSAML11D14A-YFT Datasheet                              |
| ATSAML11D14A-YFT Stock                         | Buy ATSAML11D14A-YFT                   | Buy Micrel / Microchip Technology ATSAML11D14A-YFT      |
| Micrel / Microchip Technology ATSAML11D14A-YFT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAML11D14A-YFT | Microchip Technology ATSAML11D14A-YFT  | Roving Networks / Microchip Technology ATSAML11D14A-YFT |

Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ATSAML11D14A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 24VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ATSAML11D14A-YF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 24SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAML10E16A-UUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 32WLCSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAML11D14A-YU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 24SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAML11D14A-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 24VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>ATSAML11D15A-MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 24VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAML11D15A-MFT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 24VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>ATSAML11D14A-MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 24VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
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