



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMD11C14A-SSUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMD11C14A-SSUT                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 16KB FLASH 14SOIC                                                                               |
| Datasheets:         |  1.ATSAMD11C14A-SSUT.pdf    |
|                     |  2.ATSAMD11C14A-SSUT.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 68725 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

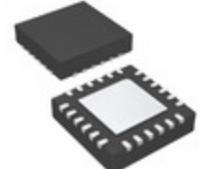
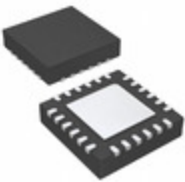
Specifications of ATSAMD11C14A-SSUT

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMD11C14A-SSUT                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 14SOIC                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 68725 pcs                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.ATSAMD11C14A-SSUT.pdf<br> 2.ATSAMD11C14A-SSUT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.63 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                                                                                                                                    |
| SPEED                            | 48MHz                                                                                                                                                                                                                      |
| SERIES                           | SAM D11C                                                                                                                                                                                                                   |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                      |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, WDT                                                                                                                                                                                      |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                             |
| OTHER NAMES                      | ATSAMD11C14A-SSUTCT                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 12                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ SAM D11C Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 14-SOIC                                                                                                                                     |
| DATA CONVERTERS                  | A/D 5x12b, D/A 1x10b                                                                                                                                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                                                                                                                           |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART, USB                                                                                                                                                                                          |
| BASE PART NUMBER                 | ATSAMD11C14                                                                                                                                                                                                                |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology ATSAMD11C14A-SSUT | ATSAMD11C14A-SSUT Distributor          | ATSAMD11C14A-SSUT Supplier                               |
| ATSAMD11C14A-SSUT Price                         | ATSAMD11C14A-SSUT Pictures             | ATSAMD11C14A-SSUT Image                                  |
| ATSAMD11C14A-SSUT PDF Datasheet                 | ATSAMD11C14A-SSUT Download Datasheet   | ATSAMD11C14A-SSUT Datasheet                              |
| ATSAMD11C14A-SSUT Stock                         | Buy ATSAMD11C14A-SSUT                  | Buy Micrel / Microchip Technology ATSAMD11C14A-SSUT      |
| Micrel / Microchip Technology ATSAMD11C14A-SSUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology ATSAMD11C14A-SSUT | Microchip Technology ATSAMD11C14A-SSUT | Roving Networks / Microchip Technology ATSAMD11C14A-SSUT |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                       |
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|  <div> <b>ATSAMD11C14A-SSUT</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 14SOIC<br/> In stock: 97335 pcs </div> <div>RFQ</div>          |  <div> <b>ATSAMD11D14A-SSNT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 20SOIC<br/> In stock: 72388 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATSAMD11D14A-MNT</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 24QFN<br/> In stock: 77517 pcs </div> <div>RFQ</div>            |  <div> <b>ATSAMD10D14A-SSUT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 20SOIC<br/> In stock: 100234 pcs </div> <div>RFQ</div> |
|  <div> <b>ATSAMD11D14A-MUT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 24QFN<br/> In stock: 90898 pcs </div> <div>RFQ</div>   |  <div> <b>ATSAMD10D14A-SSNT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 20SOIC<br/> In stock: 84087 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATSAMD11D14A-MUT</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 24QFN<br/> In stock: 78387 pcs </div> <div>RFQ</div>            |  <div> <b>ATSAMD11C14A-SSNT</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 14SOIC<br/> In stock: 83157 pcs </div> <div>RFQ</div>           |
|  <div> <b>ATSAMD10D14A-UUT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 20WLCSP<br/> In stock: 98415 pcs </div> <div>RFQ</div> |  <div> <b>ATSAMD11-XPRO</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: EVAL KIT FOR SAMD11<br/> In stock: 3079 pcs </div> <div>RFQ</div>                  |
|  <div> <b>ATSAMD11C14A-SSNT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 14SOIC<br/> In stock: 95810 pcs </div> <div>RFQ</div> |  <div> <b>ATSAMD11D14A-MNT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 24QFN<br/> In stock: 82664 pcs </div> <div>RFQ</div>    |