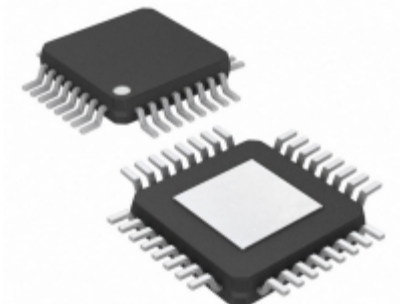


ATSAML21E16B-ANT





Part Number:

ATSAML21E16B-ANT

Manufacturer:

Micrel / Microchip Technology

Description:

32TQFP 85C, GREEN,1.6-3.6V,48MHZ

Data sheet:

 [SAM L21 Datasheet Complete](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

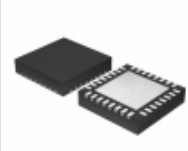
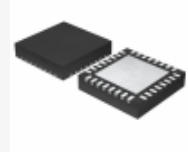
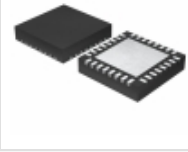
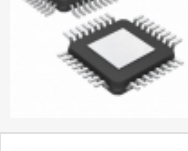
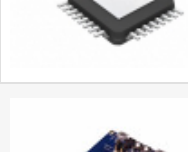
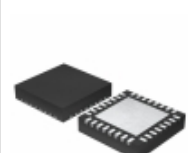
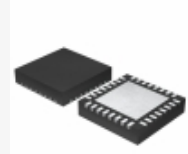
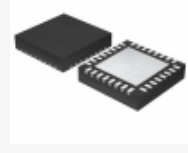
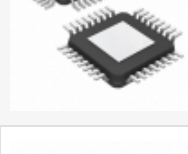
DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER               |                                           |                                  |                                                                                              |
|---------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                     | ATSAML21E16B-ANT                          | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                |
| Description                     | 32TQFP 85C, GREEN,1.6-3.6V,48MHZ          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| Quantity Available              | 33404 pcs                                 | Data sheet                       | <a href="#">SAM L21 Datasheet Complete</a>                                                   |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.62 V ~ 3.63 V                                                                              |
| Supplier Device Package         | 32-TQFP (7x7)                             | Speed                            | 48MHz                                                                                        |
| Series                          | SAM L21E                                  | RAM Size                         | 8K x 8                                                                                       |
| Program Memory Type             | FLASH                                     | Program Memory Size              | 64KB (64K x 8)                                                                               |
| Peripherals                     | DMA, POR, PWM, WDT                        | Packaging                        | Tape & Reel (TR)                                                                             |
| Package / Case                  | 32-TQFP                                   | Other Names                      | ATSAML21E16B-ANTTR                                                                           |
| Oscillator Type                 | Internal                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                           |
| Number of I/O                   | 25                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                |
| Manufacturer Standard Lead Time | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| EEPROM Size                     | -                                         | Detailed Description             | ARM® Cortex®-M0+ SAM L21E Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 32-TQFP (7x7) |
| Data Converters                 | A/D 10x12b, D/A 2x12b                     | Core Size                        | 32-Bit                                                                                       |
| Core Processor                  | ARM® Cortex®-M0+                          | Connectivity                     | I²C, LINbus, SCI, SPI, UART/USART, USB                                                       |

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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATSAML21E15B-MNT</a><br>Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML11E16A-MUT</a><br>Description: IC MCU 32BIT 64KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E16B-MNT</a><br>Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E15B-AUT</a><br>Description: IC MCU 32BIT 32KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E18B-ANT</a><br>Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E17B-MNT</a><br>Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E16B-AUT</a><br>Description: IC MCU 32BIT 64KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21-XPRO-B</a><br>Description: EVAL KIT FOR SAML21               | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21-XPRO</a><br>Description: EVAL KIT FOR SAML21                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML11E16A-MFT</a><br>Description: IC MCU 32BIT 64KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E17B-ANT</a><br>Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML11E16A-UUT</a><br>Description: IC MCU 32BIT 64KB FLASH 32WLCSP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML11E16A-MU</a><br>Description: IC MCU 32BIT 64KB FLASH 32VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E17B-MUT</a><br>Description: IC MCU 32BIT 128KB FLASH 32QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E17B-AUT</a><br>Description: IC MCU 32BIT 128KB FLASH 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E16B-MUT</a><br>Description: IC MCU 32BIT 64KB FLASH 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E18B-MNT</a><br>Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E18B-AUT</a><br>Description: IC MCU 32BIT 256KB FLASH 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E15B-ANT</a><br>Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAML21E15B-MUT</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for ATSAML21E16B-ANT          |                                       |                                        |                        |
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