




Micrel / Microchip Technology

ATSAML21G18B-ANT

| | |
|----------------------|--|
| Part Number: | ATSAML21G18B-ANT |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | 48TQFP 85C, GREEN,1.6-3.6V,48MHZ |
| Datasheets: | PDF ATSAML21G18B-ANT.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.


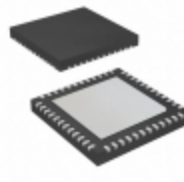





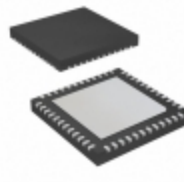

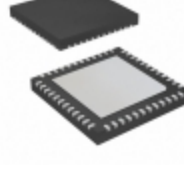

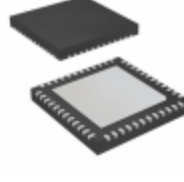
Specifications of ATSAML21G18B-ANT

| | |
|----------------------------------|--|
| PART NUMBER | ATSAML21G18B-ANT |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | 48TQFP 85C, GREEN,1.6-3.6V,48MHZ |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF ATSAML21G18B-ANT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.62 V ~ 3.63 V |
| SUPPLIER DEVICE PACKAGE | 48-TQFP (7x7) |
| SPEED | 48MHz |
| SERIES | SAM L21G |
| RAM SIZE | 32K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 256KB (256K x 8) |
| PERIPHERALS | DMA, POR, PWM, WDT |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 48-TQFP |
| OTHER NAMES | ATSAML21G18B-ANTTR |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 105°C (TA) |
| NUMBER OF I/O | 37 |
| 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 L21G Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 48-TQFP (7x7) |
| DATA CONVERTERS | A/D 14x12b, D/A 2x12b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M0+ |
| CONNECTIVITY | I ² C, LINbus, SCI, SPI, UART/USART, USB |

Related Tags

| | | |
|--|--|---|
| Micrel / Microchip Technology ATSAML21G18B-ANT | ATSAML21G18B-ANT Distributor | ATSAML21G18B-ANT Supplier |
| ATSAML21G18B-ANT Price | ATSAML21G18B-ANT Pictures | ATSAML21G18B-ANT Image |
| ATSAML21G18B-ANT PDF Datasheet | ATSAML21G18B-ANT Download Datasheet | ATSAML21G18B-ANT Datasheet |
| ATSAML21G18B-ANT Stock | Buy ATSAML21G18B-ANT | Buy Micrel / Microchip Technology ATSAML21G18B-ANT |
| Micrel / Microchip Technology ATSAML21G18B-ANT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor |
| Micrel / Microchip Technology ATSAML21G18B-ANT | Microchip Technology ATSAML21G18B-ANT | Roving Networks / Microchip Technology ATSAML21G18B-ANT |

Related Products

| | |
|--|--|
|  <p>ATSAML21G17B-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: Out stock RFQ</p> |  <p>ATSAML21G17B-MNT Manufacturers: Micrel / Microchip Technology Description: 48QFN 85C, GREEN,1.6-3.6V,48MHZ In stock: Out stock RFQ</p> |
|  <p>ATSAML21G18B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p> |  <p>ATSAML21G17B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48TQFP In stock: Out stock RFQ</p> |
|  <p>ATSAML21G18B-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p> |  <p>ATSAML21G18B-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 481 pcs RFQ</p> |
|  <p>ATSAML21G17B-ANT Manufacturers: Micrel / Microchip Technology Description: 48TQFP 85C, GREEN,1.6-3.6V,48MHZ In stock: Out stock RFQ</p> |  <p>ATSAML21G18B-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: Out stock RFQ</p> |
|  <p>ATSAML21G17B-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48TQFP In stock: Out stock RFQ</p> |  <p>ATSAML21G17B-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: Out stock RFQ</p> |
|  <p>ATSAML21J16B-ANT Manufacturers: Micrel / Microchip Technology Description: 64TQFP 85C, GREEN,1.6-3.6V,48MHZ In stock: Out stock RFQ</p> |  <p>ATSAML21G18B-MNT Manufacturers: Micrel / Microchip Technology Description: 48QFN 85C, GREEN,1.6-3.6V,48MHZ In stock: Out stock RFQ</p> |