



**Micrel / Microchip Technology**

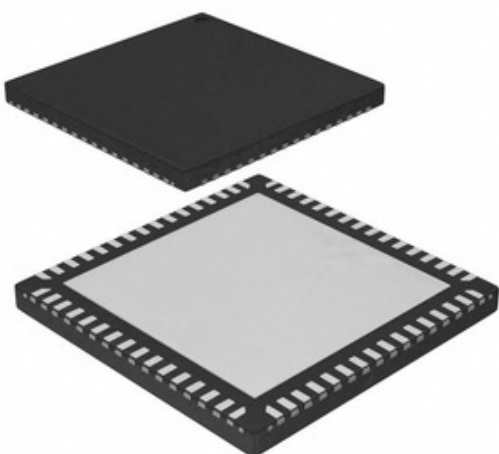


Image may be representation. See specifications for product details.

**ATSAMD21J15B-MFT**

|                     |                                                                                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMD21J15B-MFT                                                                                                                                                                                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                               |
| Product description | IC MCU 32BIT 32KB FLASH 64QFN                                                                                                                                                                                                                                               |
| Datasheets:         | <div>  <a href="#">1.ATSAMD21J15B-MFT.pdf</a> </div> <div>  <a href="#">2.ATSAMD21J15B-MFT.pdf</a> </div> |
| RoHs Status         | <div>  Lead free / RoHS Compliant </div>                                                                                                                                                   |
| Stock Condition     | 81849 pcs stock                                                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

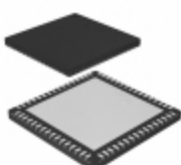
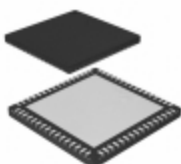
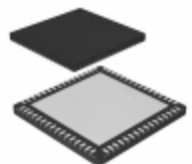
Specifications of ATSAMD21J15B-MFT

|                                  |                                                                                                                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMD21J15B-MFT                                                                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64QFN                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 81849 pcs                                                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div>  <a href="#">1.ATSAMD21J15B-MFT.pdf</a> </div> <div>  <a href="#">2.ATSAMD21J15B-MFT.pdf</a> </div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                                                                    |
| SPEED                            | 48MHz                                                                                                                                                                                                                                                                           |
| SERIES                           | SAM D21J                                                                                                                                                                                                                                                                        |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                           |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                                                                                                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                 |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                            |
| OTHER NAMES                      | 1611-ATSAMD21J15B-MFTCT                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 52                                                                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                      |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ SAM D21J Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 64-QFN (9x9)                                                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 20x12b, D/A 1x10b                                                                                                                                                                                                                                                           |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                          |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                                                                                                                                                                                |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART, USB                                                                                                                                                                                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMD21J15B-MFT | ATSAMD21J15B-MFT Distributor           | ATSAMD21J15B-MFT Supplier                               |
| ATSAMD21J15B-MFT Price                         | ATSAMD21J15B-MFT Pictures              | ATSAMD21J15B-MFT Image                                  |
| ATSAMD21J15B-MFT PDF Datasheet                 | ATSAMD21J15B-MFT Download Datasheet    | ATSAMD21J15B-MFT Datasheet                              |
| ATSAMD21J15B-MFT Stock                         | Buy ATSAMD21J15B-MFT                   | Buy Micrel / Microchip Technology ATSAMD21J15B-MFT      |
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Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                               |
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|  <div> <b>ATSAMD21J15B-MUT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64QFN<br/> In stock: 99015 pcs </div> <div> RFQ </div>   |  <div> <b>ATSAMD21J16A-AU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/> In stock: 213642 pcs </div> <div> RFQ </div> |
|  <div> <b>ATSAMD21J15B-MU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64QFN<br/> In stock: 67594 pcs </div> <div> RFQ </div>    |  <div> <b>ATSAMD21J15B-AFT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/> In stock: 88979 pcs </div> <div> RFQ </div> |
|  <div> <b>ATSAMD21J16A-AFT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/> In stock: 37695 pcs </div> <div> RFQ </div>  |  <div> <b>ATSAMD21J15B-MF</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64QFN<br/> In stock: 56863 pcs </div> <div> RFQ </div>   |
|  <div> <b>ATSAMD21J15B-MFT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64QFN<br/> In stock: 47360 pcs </div> <div> RFQ </div>            |  <div> <b>ATSAMD21J15B-AFT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/> In stock: 50594 pcs </div> <div> RFQ </div>          |
|  <div> <b>ATSAMD21J15B-AUT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/> In stock: 103912 pcs </div> <div> RFQ </div> |  <div> <b>ATSAMD21J15B-AUT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/> In stock: 46482 pcs </div> <div> RFQ </div>          |
|  <div> <b>ATSAMD21J15B-MUT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64QFN<br/> In stock: 54782 pcs </div> <div> RFQ </div>            |  <div> <b>ATSAMD21J15B-AU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/> In stock: 43411 pcs </div> <div> RFQ </div>  |