




Micrel / Microchip Technology

ATSAMD21E15A-MU

| | |
|----------------------|--|
| Part Number: | ATSAMD21E15A-MU |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | IC MCU 32BIT 32KB FLASH 32QFN |
| Datasheets: | 1.ATSAMD21E15A-MU.pdf 2.ATSAMD21E15A-MU.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.


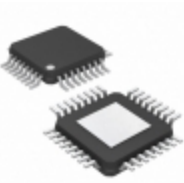

Specifications of ATSAMD21E15A-MU

| | |
|----------------------------------|---|
| PART NUMBER | ATSAMD21E15A-MU |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | IC MCU 32BIT 32KB FLASH 32QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | 1.ATSAMD21E15A-MU.pdf 2.ATSAMD21E15A-MU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.62 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 32-QFN (5x5) |
| SPEED | 48MHz |
| SERIES | SAM D21E |
| RAM SIZE | 4K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 32KB (32K x 8) |
| PERIPHERALS | Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 32-VFQFN Exposed Pad |
| OTHER NAMES | 1611-ATSAMD21E15A-MU |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 26 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| EEPROM SIZE | - |
| DETAILED DESCRIPTION | ARM® Cortex®-M0+ SAM D21E Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 32-QFN (5x5) |
| DATA CONVERTERS | A/D 10x12b, D/A 1x10b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M0+ |
| CONNECTIVITY | I ² C, LINbus, SPI, UART/USART, USB |

Related Tags

| | | |
|---|--|--|
| Micrel / Microchip Technology ATSAMD21E15A-MU | ATSAMD21E15A-MU Distributor | ATSAMD21E15A-MU Supplier |
| ATSAMD21E15A-MU Price | ATSAMD21E15A-MU Pictures | ATSAMD21E15A-MU Image |
| ATSAMD21E15A-MU PDF Datasheet | ATSAMD21E15A-MU Download Datasheet | ATSAMD21E15A-MU Datasheet |
| ATSAMD21E15A-MU Stock | Buy ATSAMD21E15A-MU | Buy Micrel / Microchip Technology ATSAMD21E15A-MU |
| Micrel / Microchip Technology ATSAMD21E15A-MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor |
| Micrel / Microchip Technology ATSAMD21E15A-MU | Microchip Technology ATSAMD21E15A-MU | Roving Networks / Microchip Technology ATSAMD21E15A-MU |

Related Products

| | |
|--|---|
|  <p>ATSAMD21E15A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ</p> |  <p>ATSAMD21-XPRO Manufacturers: Micrel / Microchip Technology Description: EVAL BOARD SAM D21 XPLAINED PRO In stock: 637 pcs RFQ</p> |
|  <p>ATSAMD21E15B-AFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ</p> |  <p>ATSAMD21E15A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ</p> |
|  <p>ATSAMD21E15A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ</p> |  <p>ATSAMD21E15B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ</p> |
|  <p>ATSAMD21E15B-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ</p> |  <p>ATSAMD20J18A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 184 pcs RFQ</p> |
|  <p>ATSAMD21E15B-AF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ</p> |  <p>ATSAMD21E15B-AFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ</p> |
|  <p>ATSAMD20J18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: Out stock RFQ</p> |  <p>ATSAMD21BLDC24V-STK Manufacturers: Micrel / Microchip Technology Description: SAMD21J18A MOTOR CONTROL KIT In stock: 4 pcs RFQ</p> |