



Microchip Technology



Micro Commercial Components

ATSAMD21J16B-AUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMD21J16B-AUT                                                                                             |
| Manufacturer/Brand: | Micro Commercial Components (MCC)                                                                            |
| Product description | IC MCU 32BIT 64KB FLASH 64TQFP                                                                               |
| Datasheets:         |                                                                                                              |
| 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.

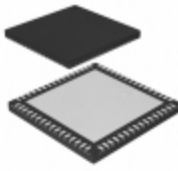
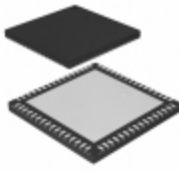
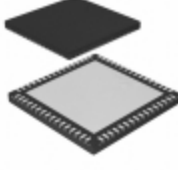
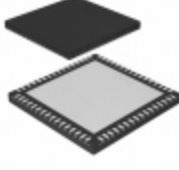
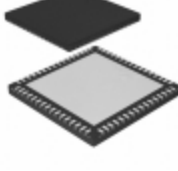
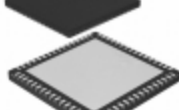
Specifications of ATSAMD21J16B-AUT

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMD21J16B-AUT                                                               |
| MANUFACTURER                     | Microchip Technology                                                           |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64TQFP                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| DATA SHEET                       |                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                          |
| SERIES                           | SAM D21J                                                                       |
| REVERSE RECOVERY TIME (TRR)      | 48MHz                                                                          |
| REQUIRES                         | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                |
| PROGRAM MEMORY TYPE              | 64KB (64K x 8)                                                                 |
| PROGRAM MEMORY SIZE              | I²C, LIN, SPI, UART/USART, USB                                                 |
| OTHER NAMES                      | 1611-ATSAMD21J16B-AUTDKR                                                       |
| OSCILLATOR TYPE                  | A/D 20x12b, D/A 1x10b                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                              |
| OPERATING SYSTEM                 | ARM® Cortex®-M0+                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                       |
| MANUFACTURER PART NUMBER         | ATSAMD21J16B-AUT                                                               |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M0+ SAM D21J Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64TQFP                                                 |
| DATA SRAM BYTES                  | -                                                                              |
| DATA CONVERTERS                  | 1.62 V ~ 3.6 V                                                                 |
| CORE SIZE                        | 8K x 8                                                                         |
| CONTROLLER SERIES                | Internal                                                                       |
| CONNECTIVITY                     | 32-Bit                                                                         |
| CLOCK RATE                       | 52                                                                             |

Related Tags

|                                                    |                                                    |                                                        |
|----------------------------------------------------|----------------------------------------------------|--------------------------------------------------------|
| Micro Commercial Components (MCC) ATSAMD21J16B-AUT | ATSAMD21J16B-AUT Distributor                       | ATSAMD21J16B-AUT Supplier                              |
| ATSAMD21J16B-AUT Price                             | ATSAMD21J16B-AUT Pictures                          | ATSAMD21J16B-AUT Image                                 |
| ATSAMD21J16B-AUT PDF Datasheet                     | ATSAMD21J16B-AUT Download Datasheet                | ATSAMD21J16B-AUT Datasheet                             |
| ATSAMD21J16B-AUT Stock                             | Buy ATSAMD21J16B-AUT                               | Buy Micro Commercial Components (MCC) ATSAMD21J16B-AUT |
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| Micro Commercial Components (MCC) ATSAMD21J16B-AUT | Micro Commercial Components ATSAMD21J16B-AUT       | MCC ATSAMD21J16B-AUT                                   |
| Micro Commercial Co ATSAMD21J16B-AUT               | Micro Commercial Components (MCC) ATSAMD21J16B-AUT |                                                        |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>ATSAMD21J16B-MU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div>ATSAMD21J16B-MF</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
|  <div>ATSAMD21J16A-MU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div>ATSAMD21J16B-MFT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div>ATSAMD21J16B-MUT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div> |  <div>ATSAMD21J16B-AUT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div>ATSAMD21J16B-MFT</div> <div>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>          |  <div>ATSAMD21J16B-AFT</div> <div>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div>          |
|  <div>ATSAMD21J16B-AF</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div>ATSAMD21J16B-AFT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div>ATSAMD21J16B-AU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 446 pcs</div> <div>RFQ</div>   |  <div>ATSAMD21J16A-MUT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |