



ATSAMD21G17A-UUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMD21G17A-UUT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 128KB FLASH 45WLCSP                                                                             |
| Datasheets:         | <a href="#">1.ATSAMD21G17A-UUT.pdf</a><br><a href="#">2.ATSAMD21G17A-UUT.pdf</a>                             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

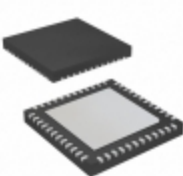
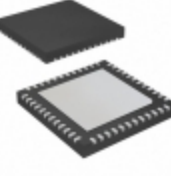
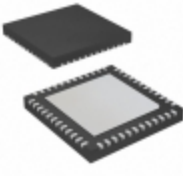
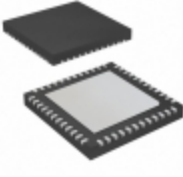
Specifications of ATSAMD21G17A-UUT

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMD21G17A-UUT                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 45WLCSP                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| DATA SHEET                       | <a href="#">1.ATSAMD21G17A-UUT.pdf</a><br><a href="#">2.ATSAMD21G17A-UUT.pdf</a>          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                            |
| SUPPLIER DEVICE PACKAGE          | 45-WLCSP                                                                                  |
| SPEED                            | 48MHz                                                                                     |
| SERIES                           | SAM D21G                                                                                  |
| RAM SIZE                         | 16K x 8                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                     |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                          |
| PACKAGE / CASE                   | 45-XFBGA, WLCSP                                                                           |
| OTHER NAMES                      | ATSAMD21G17A-UUT-ND<br>ATSAMD21G17A-UUTTR                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                         |
| NUMBER OF I/O                    | 38                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 22 Weeks                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| EEPROM SIZE                      | -                                                                                         |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ SAM D21G Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 45-WLCSP |
| DATA CONVERTERS                  | A/D 14x12b, D/A 1x10b                                                                     |
| CORE SIZE                        | 32-Bit                                                                                    |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                          |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART, USB                                                         |
| BASE PART NUMBER                 | ATSAMD21G17                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMD21G17A-UUT | ATSAMD21G17A-UUT Distributor           | ATSAMD21G17A-UUT Supplier                               |
| ATSAMD21G17A-UUT Price                         | ATSAMD21G17A-UUT Pictures              | ATSAMD21G17A-UUT Image                                  |
| ATSAMD21G17A-UUT PDF Datasheet                 | ATSAMD21G17A-UUT Download Datasheet    | ATSAMD21G17A-UUT Datasheet                              |
| ATSAMD21G17A-UUT Stock                         | Buy ATSAMD21G17A-UUT                   | Buy Micrel / Microchip Technology ATSAMD21G17A-UUT      |
| Micrel / Microchip Technology ATSAMD21G17A-UUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAMD21G17A-UUT | Microchip Technology ATSAMD21G17A-UUT  | Roving Networks / Microchip Technology ATSAMD21G17A-UUT |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                               |
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| <div></div> <div><b>ATSAMD21G18A-AFT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAMD21G17A-MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAMD21G18A-AF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: 341 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATSAMD21G18A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMD21G17A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>In stock: 416 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>ATSAMD21G18A-AFT</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
| <div></div> <div><b>ATSAMD21G18A-AU</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: 1 pcs<br/><div>RFQ</div></div>               | <div></div> <div><b>ATSAMD21G17A-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMD21G18A-AF</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>           | <div></div> <div><b>ATSAMD21G17A-MFT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMD21G17A-MUT</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>           | <div></div> <div><b>ATSAMD21G17A-AUT</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>         |