



**Micrel / Microchip Technology**



**ATSAMC21G17A-MNT**

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMC21G17A-MNT                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC MCU 32BIT 128KB FLASH 48QFN                                                                                         |
| Datasheets:         |  <a href="#">ATSAMC21G17A-MNT.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 51379 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Specifications of ATSAMC21G17A-MNT

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMC21G17A-MNT                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 48QFN                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 51379 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">ATSAMC21G17A-MNT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 48-QFN (7x7)                                                                                                             |
| SPEED                            | 48MHz                                                                                                                    |
| SERIES                           | SAM C21                                                                                                                  |
| RAM SIZE                         | 16K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, WDT                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 38                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | -                                                                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ SAM C21 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 48-QFN (7x7)                             |
| DATA CONVERTERS                  | A/D 14x12b, 2x16b, D/A 1x10b                                                                                             |
| CORE SIZE                        | 32-Bit                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                         |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SPI, UART/USART                                                                                     |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMC21G17A-MNT | ATSAMC21G17A-MNT Distributor           | ATSAMC21G17A-MNT Supplier                               |
| ATSAMC21G17A-MNT Price                         | ATSAMC21G17A-MNT Pictures              | ATSAMC21G17A-MNT Image                                  |
| ATSAMC21G17A-MNT PDF Datasheet                 | ATSAMC21G17A-MNT Download Datasheet    | ATSAMC21G17A-MNT Datasheet                              |
| ATSAMC21G17A-MNT Stock                         | Buy ATSAMC21G17A-MNT                   | Buy Micrel / Microchip Technology ATSAMC21G17A-MNT      |
| Micrel / Microchip Technology ATSAMC21G17A-MNT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAMC21G17A-MNT | Microchip Technology ATSAMC21G17A-MNT  | Roving Networks / Microchip Technology ATSAMC21G17A-MNT |

Related Products

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|  <div> <b>ATSAMC21G16A-AUT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 64KB FLASH 48TQFP<br/> In stock: 46786 pcs </div> <div> RFQ </div>  |  <div> <b>ATSAMC21G17A-MUT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 48QFN<br/> In stock: 47115 pcs </div> <div> RFQ </div>  |
|  <div> <b>ATSAMC21G17A-AUT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 48TQFP<br/> In stock: 45203 pcs </div> <div> RFQ </div> |  <div> <b>ATSAMC21G16A-MNT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 64KB FLASH 48VQFN<br/> In stock: 55585 pcs </div> <div> RFQ </div>  |
|  <div> <b>ATSAMC21G16A-MUT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 64KB FLASH 48VQFN<br/> In stock: 47114 pcs </div> <div> RFQ </div>  |  <div> <b>ATSAMC21G17A-ANT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 48TQFP<br/> In stock: 51818 pcs </div> <div> RFQ </div> |
|  <div> <b>ATSAMC21G18A-MUT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 48VQFN<br/> In stock: 29019 pcs </div> <div> RFQ </div>          |  <div> <b>ATSAMC21G18A-AUT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/> In stock: 37700 pcs </div> <div> RFQ </div> |
|  <div> <b>ATSAMC21G16A-ANT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 64KB FLASH 48TQFP<br/> In stock: 41642 pcs </div> <div> RFQ </div>  |  <div> <b>ATSAMC21G18A-AUT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/> In stock: 27568 pcs </div> <div> RFQ </div>          |
|  <div> <b>ATSAMC21G18A-MNT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 48VQFN<br/> In stock: 31350 pcs </div> <div> RFQ </div> |  <div> <b>ATSAMC21G18A-ANT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/> In stock: 30523 pcs </div> <div> RFQ </div> |