



**Micrel / Microchip Technology**



**ATSAMR21G17A-MUT**

|                     |                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMR21G17A-MUT                                                                                                                                                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                               |
| Product description | IC RF TXRX+MCU ISM>1GHZ 48-VFQFN                                                                                                                                                                                                            |
| Datasheets:         | <div>  1.ATSAMR21G17A-MUT.pdf </div> <div>  2.ATSAMR21G17A-MUT.pdf </div> |
| RoHs Status         | <div>  Lead free / RoHS Compliant </div>                                                                                                                   |
| Stock Condition     | 23098 pcs stock                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

Specifications of ATSAMR21G17A-MUT

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMR21G17A-MUT                                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC RF TXRX+MCU ISM>1GHZ 48-VFQFN                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 23098 pcs                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div>  1.ATSAMR21G17A-MUT.pdf </div> <div>  2.ATSAMR21G17A-MUT.pdf </div> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                   |
| TYPE                             | TxRx + MCU                                                                                                                                                                                                                                      |
| SERIES                           | SMART™ SAM R21                                                                                                                                                                                                                                  |
| SERIAL INTERFACES                | I²C, SPI, UART, USART, USB                                                                                                                                                                                                                      |
| SENSITIVITY                      | -99dBm                                                                                                                                                                                                                                          |
| RF FAMILY/STANDARD               | General ISM > 1GHZ                                                                                                                                                                                                                              |
| PROTOCOL                         | -                                                                                                                                                                                                                                               |
| POWER - OUTPUT                   | 4dBm                                                                                                                                                                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                                                                                                                                                            |
| OTHER NAMES                      | ATSAMR21G17A-MUTTR                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                   |
| MODULATION                       | O-QPSK                                                                                                                                                                                                                                          |
| MEMORY SIZE                      | 128kB Flash, 16kB SRAM                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| GPIO                             | 28                                                                                                                                                                                                                                              |
| FREQUENCY                        | 2.4GHz                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU General ISM > 1GHZ 2.4GHz 48-VFQFN Exposed Pad                                                                                                                                                                                 |
| DATA RATE (MAX)                  | 250kbps                                                                                                                                                                                                                                         |
| CURRENT - TRANSMITTING           | 7.2mA ~ 13.8mA                                                                                                                                                                                                                                  |
| CURRENT - RECEIVING              | 11.3mA ~ 11.8mA                                                                                                                                                                                                                                 |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMR21G17A-MUT | ATSAMR21G17A-MUT Distributor           | ATSAMR21G17A-MUT Supplier                               |
| ATSAMR21G17A-MUT Price                         | ATSAMR21G17A-MUT Pictures              | ATSAMR21G17A-MUT Image                                  |
| ATSAMR21G17A-MUT PDF Datasheet                 | ATSAMR21G17A-MUT Download Datasheet    | ATSAMR21G17A-MUT Datasheet                              |
| ATSAMR21G17A-MUT Stock                         | Buy ATSAMR21G17A-MUT                   | Buy Micrel / Microchip Technology ATSAMR21G17A-MUT      |
| Micrel / Microchip Technology ATSAMR21G17A-MUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAMR21G17A-MUT | Microchip Technology ATSAMR21G17A-MUT  | Roving Networks / Microchip Technology ATSAMR21G17A-MUT |

Related Products

|                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>  </div> <div> <b>ATSAMR21G16A-MUT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 25248 pcs </div> <div> RFQ </div>          | <div>  </div> <div> <b>ATSAMR21G17A-MU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 19583 pcs </div> <div> RFQ </div>  |
| <div>  </div> <div> <b>ATSAMR21G18A-MFT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 17112 pcs </div> <div> RFQ </div>          | <div>  </div> <div> <b>ATSAMR21G17A-MFT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 19909 pcs </div> <div> RFQ </div>          |
| <div>  </div> <div> <b>ATSAMR21G16A-MUT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 25029 pcs </div> <div> RFQ </div> | <div>  </div> <div> <b>ATSAMR21G18-MR210UAT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: 42 PIN SAMR21 2.4GHZ 15.4 MODULE<br/> In stock: 6967 pcs </div> <div> RFQ </div> |
| <div>  </div> <div> <b>ATSAMR21G17A-MUT</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 19572 pcs </div> <div> RFQ </div>          | <div>  </div> <div> <b>ATSAMR21G17A-MF</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 20464 pcs </div> <div> RFQ </div>  |
| <div>  </div> <div> <b>ATSAMR21G18-MR210UA</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: RF TXRX MODULE 802.15.4<br/> In stock: 7708 pcs </div> <div> RFQ </div>           | <div>  </div> <div> <b>ATSAMR21G18A-MF</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 20317 pcs </div> <div> RFQ </div>  |
| <div>  </div> <div> <b>ATSAMR21G17A-MFT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 22070 pcs </div> <div> RFQ </div> | <div>  </div> <div> <b>ATSAMR21G18A-MFT</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/> In stock: 16420 pcs </div> <div> RFQ </div> |