


**MICROCHIP**

**Micrel / Microchip Technology**



Image may be representation. See specifications for product details.

**ATSAMR30E18A-MUT**

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Part Number:        | ATSAMR30E18A-MUT                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                         |
| Product description | 32 PIN SIP 256K MCU SUB-GHZ RADI                      |
|                     | <div>PDF</div> <a href="#">1.ATSAMR30E18A-MUT.pdf</a> |
|                     | <div>PDF</div> <a href="#">2.ATSAMR30E18A-MUT.pdf</a> |
| Datasheets:         |                                                       |
| RoHs Status         | <div>✓</div> Lead free / RoHS Compliant               |
| Stock Condition     | 5130 pcs stock                                        |
| Ship From           | Hong Kong                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                 |

REQUEST FOR QUOTATION

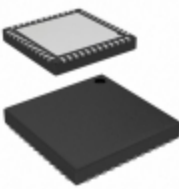
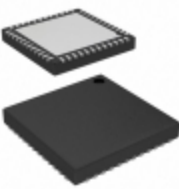
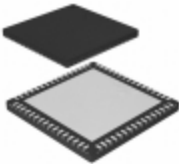
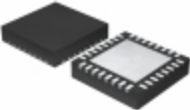
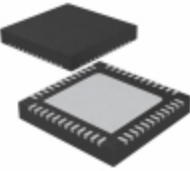
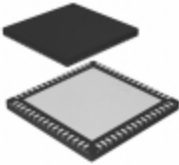
Specifications of ATSAMR30E18A-MUT

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMR30E18A-MUT                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                               |
| DESCRIPTION                      | 32 PIN SIP 256K MCU SUB-GHZ RADI                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| QUANTITY AVAILABLE               | 5130 pcs                                                                                                    |
| DATA SHEET                       | <div>PDF</div> <a href="#">1.ATSAMR30E18A-MUT.pdf</a> <div>PDF</div> <a href="#">2.ATSAMR30E18A-MUT.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                               |
| TYPE                             | TxRx + MCU                                                                                                  |
| SERIES                           | -                                                                                                           |
| SERIAL INTERFACES                | I <sup>2</sup> C, SPI                                                                                       |
| SENSITIVITY                      | -110dBm                                                                                                     |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                    |
| PROTOCOL                         | -                                                                                                           |
| POWER - OUTPUT                   | 11dBm                                                                                                       |
| PACKAGING                        | Cut Tape (CT)                                                                                               |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                        |
| OTHER NAMES                      | ATSAMR30E18A-MUTCT                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                               |
| MODULATION                       | BPSK, O-QPSK                                                                                                |
| MEMORY SIZE                      | 256kB Flash, 40kB SRAM                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| GPIO                             | 16                                                                                                          |
| FREQUENCY                        | 700MHz, 800MHz, 900MHz                                                                                      |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 700MHz, 800MHz, 900MHz 32-VFQFN Exposed Pad                                       |
| DATA RATE (MAX)                  | 1Mbps                                                                                                       |
| CURRENT - TRANSMITTING           | 26.5mA                                                                                                      |
| CURRENT - RECEIVING              | 9.2mA                                                                                                       |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMR30E18A-MUT | ATSAMR30E18A-MUT Distributor           | ATSAMR30E18A-MUT Supplier                               |
| ATSAMR30E18A-MUT Price                         | ATSAMR30E18A-MUT Pictures              | ATSAMR30E18A-MUT Image                                  |
| ATSAMR30E18A-MUT PDF Datasheet                 | ATSAMR30E18A-MUT Download Datasheet    | ATSAMR30E18A-MUT Datasheet                              |
| ATSAMR30E18A-MUT Stock                         | Buy ATSAMR30E18A-MUT                   | Buy Micrel / Microchip Technology ATSAMR30E18A-MUT      |
| Micrel / Microchip Technology ATSAMR30E18A-MUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAMR30E18A-MUT | Microchip Technology ATSAMR30E18A-MUT  | Roving Networks / Microchip Technology ATSAMR30E18A-MUT |

Related Products

|                                                                                                     |                                                                                                                                                                   |                                                                                                      |                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>MICROCHIP</b> | <b>ATSAMS70J19A-AN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br>In stock: 12719 pcs<br><div>RFQ</div>   |                   | <b>ATSAMR21ZLL-EK</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: SAMR21 ZIGBEE LIGHT LINK EVALKIT<br>In stock: 1005 pcs<br><div>RFQ</div>      |
|                   | <b>ATSAMR30G18A-MUT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: 48 PIN SIP 256K MCU SUB-GHZ RADI<br>In stock: 17072 pcs<br><div>RFQ</div> |                   | <b>ATSAMR30G18A-MU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: 48 PIN SIP 256K MCU + 802.15.4 S<br>In stock: 4004 pcs<br><div>RFQ</div>     |
|                   | <b>ATSAMS70J19A-MNT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 64QFN<br>In stock: 11518 pcs<br><div>RFQ</div>   |  <b>MICROCHIP</b> | <b>ATSAMR21G18A-MUT</b><br>Manufacturers: Microchip Technology<br>Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN<br>In stock: 19182 pcs<br><div>RFQ</div>            |
|                   | <b>ATSAMR30-XPRO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: XPLAINED PRO KIT FOR SAM R30 DEV<br>In stock: 1585 pcs<br><div>RFQ</div>     |                   | <b>ATSAMR30E18A-MU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: 32 PIN SIP 256K MCU + 802.15.4 S<br>In stock: 3972 pcs<br><div>RFQ</div>     |
|  <b>MICROCHIP</b> | <b>ATSAMS70J19A-ANT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br>In stock: 13994 pcs<br><div>RFQ</div>  |                   | <b>ATSAMR21G18A-MUTA6</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: SAMR21 48PIN 256K 85C T&R MAC AD<br>In stock: 20551 pcs<br><div>RFQ</div> |
|                   | <b>ATSAMS70J19A-MN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 64QFN<br>In stock: 11949 pcs<br><div>RFQ</div>    |  <b>MICROCHIP</b> | <b>ATSAMR21G18A-MUT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN<br>In stock: 23488 pcs<br><div>RFQ</div>   |