


**MICROCHIP**

**Micrel / Microchip Technology**

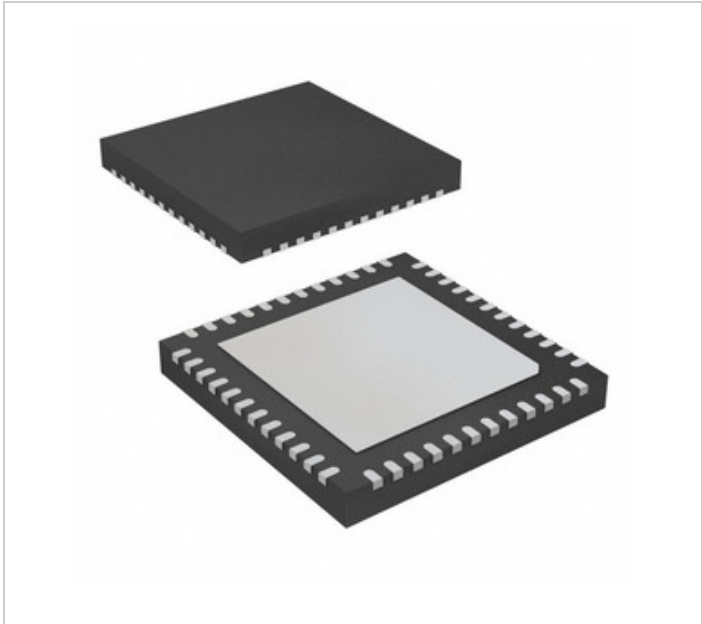


Image may be representation. See specifications for product details.

**ATSAM3N0AA-MUR**

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM3N0AA-MUR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 32BIT 32KB FLASH 48QFN                                                                                        |
| Datasheets:         |  <a href="#">ATSAM3N0AA-MUR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

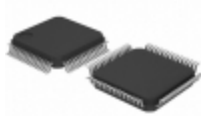
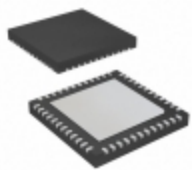
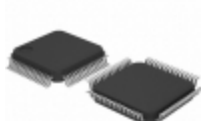
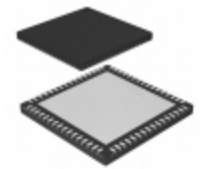
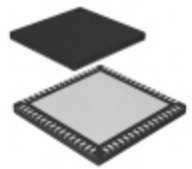
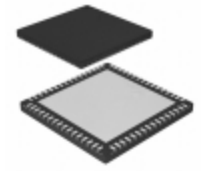
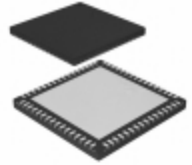
**Specifications of ATSAM3N0AA-MUR**

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM3N0AA-MUR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 48QFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">ATSAM3N0AA-MUR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 48-QFN (7x7)                                                                                                           |
| SPEED                            | 48MHz                                                                                                                  |
| SERIES                           | SAM3N                                                                                                                  |
| RAM SIZE                         | 8K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                                   |
| OTHER NAMES                      | ATSAM3N0AA-MUR-ND<br>ATSAM3N0AA-MURTR                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 34                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | -                                                                                                                      |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 SAM3N Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 48-QFN (7x7)                                |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                        |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                             |
| BASE PART NUMBER                 | ATSAM3N0                                                                                                               |

**Related Tags**

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATSAM3N0AA-MUR | ATSAM3N0AA-MUR Distributor             | ATSAM3N0AA-MUR Supplier                               |
| ATSAM3N0AA-MUR Price                         | ATSAM3N0AA-MUR Pictures                | ATSAM3N0AA-MUR Image                                  |
| ATSAM3N0AA-MUR PDF Datasheet                 | ATSAM3N0AA-MUR Download Datasheet      | ATSAM3N0AA-MUR Datasheet                              |
| ATSAM3N0AA-MUR Stock                         | Buy ATSAM3N0AA-MUR                     | Buy Micrel / Microchip Technology ATSAM3N0AA-MUR      |
| Micrel / Microchip Technology ATSAM3N0AA-MUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATSAM3N0AA-MUR | Microchip Technology ATSAM3N0AA-MUR    | Roving Networks / Microchip Technology ATSAM3N0AA-MUR |

**Related Products**

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div> <b>ATSAM3N0AA-AUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/> In stock: Out stock </div> <div> RFQ </div>  |  <div> <b>ATSAM3N0CA-AUR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 100LQFP<br/> In stock: 947 pcs </div> <div> RFQ </div>           |
|  <div> <b>ATSAM3N00BA-AUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 64LQFP<br/> In stock: Out stock </div> <div> RFQ </div> |  <div> <b>ATSAM3N0AA-MU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 48QFN<br/> In stock: 680 pcs </div> <div> RFQ </div>     |
|  <div> <b>ATSAM3N0BA-AUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/> In stock: Out stock </div> <div> RFQ </div>  |  <div> <b>ATSAM3N0AA-AU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/> In stock: 540 pcs </div> <div> RFQ </div>    |
|  <div> <b>ATSAM3N0BA-MU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64QFN<br/> In stock: 360 pcs </div> <div> RFQ </div>      |  <div> <b>ATSAM3N0BA-MUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64QFN<br/> In stock: Out stock </div> <div> RFQ </div>  |
|  <div> <b>ATSAM3N00BA-MU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 64QFN<br/> In stock: Out stock </div> <div> RFQ </div>   |  <div> <b>ATSAM3N0BA-AU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/> In stock: 418 pcs </div> <div> RFQ </div>    |
|  <div> <b>ATSAM3N0CA-AU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 100LQFP<br/> In stock: 920 pcs </div> <div> RFQ </div>    |  <div> <b>ATSAM3N00BA-MUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 16KB FLASH 64QFN<br/> In stock: Out stock </div> <div> RFQ </div> |