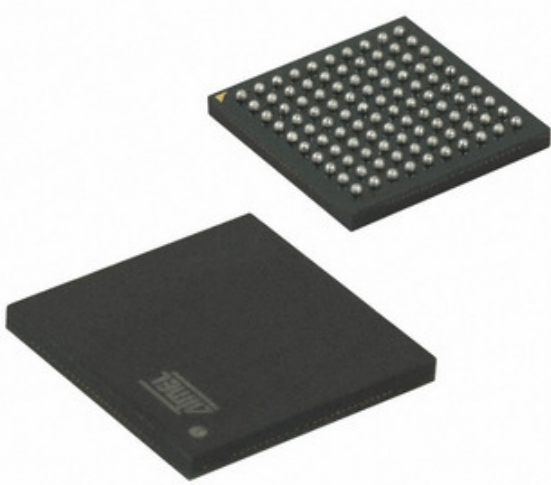



**Micrel / Microchip Technology**



**ATSAM3N1CB-CUR**

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM3N1CB-CUR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 32BIT 64KB FLASH 100TFBGA                                                                                     |
| Datasheets:         |  <a href="#">ATSAM3N1CB-CUR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 35231 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

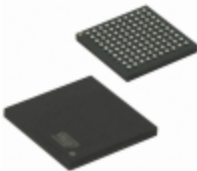
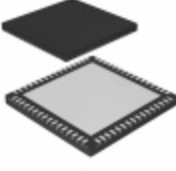
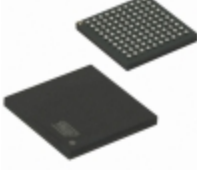
Specifications of ATSAM3N1CB-CUR

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM3N1CB-CUR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 100TFBGA                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 35231 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">ATSAM3N1CB-CUR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 100-TFBGA (9x9)                                                                                                        |
| SPEED                            | 48MHz                                                                                                                  |
| SERIES                           | SAM3N                                                                                                                  |
| RAM SIZE                         | 8K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 100-TFBGA                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 79                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | -                                                                                                                      |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 SAM3N Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 100-TFBGA (9x9)                             |
| DATA CONVERTERS                  | A/D 16x10b; D/A 1x10b                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                        |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                             |
| BASE PART NUMBER                 | ATSAM3N1                                                                                                               |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATSAM3N1CB-CUR | ATSAM3N1CB-CUR Distributor             | ATSAM3N1CB-CUR Supplier                               |
| ATSAM3N1CB-CUR Price                         | ATSAM3N1CB-CUR Pictures                | ATSAM3N1CB-CUR Image                                  |
| ATSAM3N1CB-CUR PDF Datasheet                 | ATSAM3N1CB-CUR Download Datasheet      | ATSAM3N1CB-CUR Datasheet                              |
| ATSAM3N1CB-CUR Stock                         | Buy ATSAM3N1CB-CUR                     | Buy Micrel / Microchip Technology ATSAM3N1CB-CUR      |
| Micrel / Microchip Technology ATSAM3N1CB-CUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATSAM3N1CB-CUR | Microchip Technology ATSAM3N1CB-CUR    | Roving Networks / Microchip Technology ATSAM3N1CB-CUR |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>ATSAM3N1CB-AU</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 36415 pcs<br><div>RFQ</div>           |  <b>ATSAM3N1CB-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 33687 pcs<br><div>RFQ</div>  |
|  <b>ATSAM3N1CB-CU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 64KB FLASH 100TFBGA<br>In stock: 30177 pcs<br><div>RFQ</div> |  <b>ATSAM3N2AA-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br>In stock: 6442 pcs<br><div>RFQ</div>   |
|  <b>ATSAM3N2AA-MU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 48QFN<br>In stock: 4823 pcs<br><div>RFQ</div>    |  <b>ATSAM3N1CB-AUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 40946 pcs<br><div>RFQ</div> |
|  <b>ATSAM3N2BA-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 7020 pcs<br><div>RFQ</div>   |  <b>ATSAM3N1CA-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 4491 pcs<br><div>RFQ</div>   |
|  <b>ATSAM3N2AA-AU</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br>In stock: 4842 pcs<br><div>RFQ</div>            |  <b>ATSAM3N2BA-MU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 64QFN<br>In stock: 5124 pcs<br><div>RFQ</div>    |
|  <b>ATSAM3N1CA-CU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 64KB FLASH 100TFBGA<br>In stock: 3835 pcs<br><div>RFQ</div>  |  <b>ATSAM3N2CA-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 2712 pcs<br><div>RFQ</div>  |