



Microchip Technology



**ATSAM4N16CA-CUR**

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4N16CA-CUR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 1MB FLASH 100TFBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17156 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

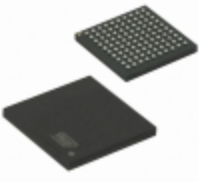
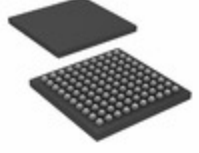
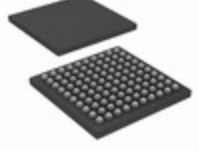
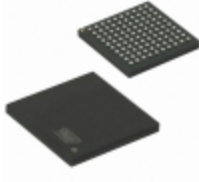
Specifications of ATSAM4N16CA-CUR

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4N16CA-CUR                                                           |
| MANUFACTURER                     | Microchip Technology                                                      |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 100TFBGA                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                |
| QUANTITY AVAILABLE               | 17156 pcs                                                                 |
| DATA SHEET                       |                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                     |
| SERIES                           | SAM4N                                                                     |
| REVERSE RECOVERY TIME (TRR)      | 100MHz                                                                    |
| REQUIRES                         | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                |
| PROGRAM MEMORY TYPE              | 1MB (1M x 8)                                                              |
| PROGRAM MEMORY SIZE              | I²C, IrDA, SPI, UART/USART                                                |
| OTHER NAMES                      | 1611-ATSAM4N16CA-CURDKR                                                   |
| OSCILLATOR TYPE                  | A/D 17x10b, D/A 1x10b                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                         |
| OPERATING SYSTEM                 | ARM® Cortex®-M4                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                             |
| MANUFACTURER PART NUMBER         | ATSAM4N16CA-CUR                                                           |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M4 SAM4N Microcontroller IC 32-Bit 100MHz 1MB (1M x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 100TFBGA                                           |
| DATA SRAM BYTES                  | -                                                                         |
| DATA CONVERTERS                  | 1.62 V ~ 3.6 V                                                            |
| CORE SIZE                        | 80K x 8                                                                   |
| CONTROLLER SERIES                | Internal                                                                  |
| CONNECTIVITY                     | 32-Bit                                                                    |
| CLOCK RATE                       | 79                                                                        |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4N16CA-CUR | ATSAM4N16CA-CUR Distributor            | ATSAM4N16CA-CUR Supplier                               |
| ATSAM4N16CA-CUR Price                         | ATSAM4N16CA-CUR Pictures               | ATSAM4N16CA-CUR Image                                  |
| ATSAM4N16CA-CUR PDF Datasheet                 | ATSAM4N16CA-CUR Download Datasheet     | ATSAM4N16CA-CUR Datasheet                              |
| ATSAM4N16CA-CUR Stock                         | Buy ATSAM4N16CA-CUR                    | Buy Micrel / Microchip Technology ATSAM4N16CA-CUR      |
| Micrel / Microchip Technology ATSAM4N16CA-CUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAM4N16CA-CUR | Microchip Technology ATSAM4N16CA-CUR   | Roving Networks / Microchip Technology ATSAM4N16CA-CUR |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
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|  <div> <b>ATSAM4N16CA-CU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100TFBGA<br/> In stock: 20858 pcs </div> <div>RFQ</div>   |  <div> <b>ATSAM4N16CA-CU</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100TFBGA<br/> In stock: 21568 pcs </div> <div>RFQ</div>           |
|  <div> <b>ATSAM4N16CA-CFU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100VFBGA<br/> In stock: 22554 pcs </div> <div>RFQ</div>  |  <div> <b>ATSAM4N8AA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48LQFP<br/> In stock: 30517 pcs </div> <div>RFQ</div>   |
|  <div> <b>ATSAM4N8AA-MU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48QFN<br/> In stock: 24032 pcs </div> <div>RFQ</div>     |  <div> <b>ATSAM4N8AA-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48LQFP<br/> In stock: 26719 pcs </div> <div>RFQ</div>           |
|  <div> <b>ATSAM4N16CA-CFUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100VFBGA<br/> In stock: 20116 pcs </div> <div>RFQ</div>          |  <div> <b>ATSAM4N8AA-AU</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48LQFP<br/> In stock: 32873 pcs </div> <div>RFQ</div>            |
|  <div> <b>ATSAM4N16CA-CFUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100VFBGA<br/> In stock: 22753 pcs </div> <div>RFQ</div> |  <div> <b>ATSAM4N16CA-CUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100TFBGA<br/> In stock: 24119 pcs </div> <div>RFQ</div> |
|  <div> <b>ATSAM4N8AA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48LQFP<br/> In stock: 24547 pcs </div> <div>RFQ</div>   |  <div> <b>ATSAM4N16CA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 22203 pcs </div> <div>RFQ</div>  |