









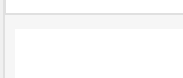


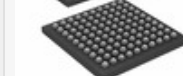



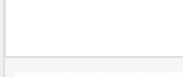

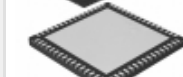




## ATSAM4N8CA-AUR

|  |   |
|--|---|
|   |    |
| <p>Images are for reference only.<br/>See Product Specifications for product details.<br/><b>Buy ATSAM4N8CA-AUR with confidence from Component-World.HK, 1 Year Warranty</b></p> | <p><b>Part Number:</b> <a href="#">ATSAM4N8CA-AUR</a></p> <p><b>Manufacturer:</b> <a href="#">Micrel / Microchip Technology</a></p> <p><b>Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP</p> <p><b>Data sheet:</b> <a href="#">SAM4N8,16 Series</a><br/><a href="#">SAM4N Series Prod Brief</a></p> <p><b>RoHS Status:</b> Lead free / RoHS Compliant</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
|  | <a href="#" style="background-color: #0070C0; color: white; padding: 5px 10px; border-radius: 3px;">Request For Quotation</a>   |

| PRODUCT PARAMETER                       |  |
|---|--|
| <b>Part Number</b>                      | ATSAM4N8CA-AUR   |
| <b>Description</b>                      | IC MCU 32BIT 512KB FLASH 100LQFP   |
| <b>Quantity Available</b>               | 34569 pcs  |
| <b>Category</b>                         | <a href="#">Integrated Circuits (ICs)</a>  |
| <b>Supplier Device Package</b>          | 100-LQFP (14x14)   |
| <b>Series</b>                           | SAM4N  |
| <b>Program Memory Type</b>              | FLASH  |
| <b>Peripherals</b>                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT   |
| <b>Package / Case</b>                   | 100-LQFP   |
| <b>Oscillator Type</b>                  | Internal   |
| <b>Number of I/O</b>                    | 79   |
| <b>Manufacturer Standard Lead Time</b>  | 18 Weeks   |
| <b>EEPROM Size</b>                      | -  |
| <b>Data Converters</b>                  | A/D 17x10b, D/A 1x10b  |
| <b>Core Processor</b>                   | ARM® Cortex®-M4  |
| <b>Manufacturer</b>                     | <a href="#">Micrel / Microchip Technology</a>  |
| <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant   |
| <b>Data sheet</b>                       | <a href="#">SAM4N8,16 Series</a><br><a href="#">SAM4N Series Prod Brief</a>                    |
| <b>Voltage - Supply (Vcc/Vdd)</b>       | 1.62 V ~ 3.6 V   |
| <b>Speed</b>                            | 100MHz   |
| <b>RAM Size</b>                         | 64K x 8  |
| <b>Program Memory Size</b>              | 512KB (512K x 8)   |
| <b>Packaging</b>                        | Cut Tape (CT)  |
| <b>Other Names</b>                      | 1611-ATSAM4N8CA-AURCT  |
| <b>Operating Temperature</b>            | -40°C ~ 85°C (TA)  |
| <b>Moisture Sensitivity Level (MSL)</b> | 3 (168 Hours)  |
| <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant   |
| <b>Detailed Description</b>             | ARM® Cortex®-M4 SAM4N Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 100-LQFP (14x14) |
| <b>Core Size</b>                        | 32-Bit   |
| <b>Connectivity</b>                     | I <sup>2</sup> C, IrDA, SPI, UART/USART  |

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|  | <p><b>Part#:</b> <a href="#">ATSAM4N8CA-AU</a></p> <p><b>Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">ATSAM4N16CA-CUR</a></p> <p><b>Description:</b> IC MCU 32BIT 1MB FLASH 100TFBGA</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p> |
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|  | <p><b>Part#:</b> <a href="#">ATSAM4N8AA-AUR</a></p> <p><b>Description:</b> IC MCU 32BIT 512KB FLASH 48LQFP</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">ATSAM4N8CA-CFUR</a></p> <p><b>Description:</b> IC MCU 32BIT 512KB FLASH 100BGA</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p> |
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|  | <p><b>Part#:</b> <a href="#">ATSAM4N8BA-AUR</a></p> <p><b>Description:</b> IC MCU 32BIT 512KB FLASH 64LQFP</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">ATSAM4S-EK2</a></p> <p><b>Description:</b> EVAL KIT FOR SAM4S8 &amp; SAM4S16</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>   |
|  | <p><b>Part#:</b> <a href="#">ATSAM4N8AA-MUR</a></p> <p><b>Description:</b> IC MCU 32BIT 512KB FLASH 48QFN</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>   |
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|  | <p><b>Part#:</b> <a href="#">ATSAM4N8BA-MU</a></p> <p><b>Description:</b> IC MCU 32BIT 512KB FLASH 64QFN</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>    |
|  | <p><b>Part#:</b> <a href="#">ATSAM4N8CA-CU</a></p> <p><b>Description:</b> IC MCU 32BIT 512KB FLASH 100BGA</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>   |
|  | <p><b>Part#:</b> <a href="#">ATSAM4S-EK</a></p> <p><b>Description:</b> EVAL KIT FOR SAM4S8 &amp; SAM4S16</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>    |
|  | <p><b>Part#:</b> <a href="#">ATSAM4N8CA-CUR</a></p> <p><b>Description:</b> IC MCU 32BIT 512KB FLASH 100BGA</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">ATSAM4S-XPRO</a></p> <p><b>Description:</b> SAM4S XPLAINED PRO EVAL KIT</p> <p><b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>        |
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### Related keywords for ATSAM4N8CA-AUR

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