



Microchip Technology



**ATSAM4C8CB-AUR**

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4C8CB-AUR                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 512KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 10826 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ATSAM4C8CB-AUR

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4C8CB-AUR                                                                          |
| MANUFACTURER                     | Microchip Technology                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 10826 pcs                                                                               |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                   |
| SERIES                           | SAM4C                                                                                   |
| REVERSE RECOVERY TIME (TRR)      | 120MHz                                                                                  |
| REQUIRES                         | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                         |
| PROGRAM MEMORY TYPE              | 512KB (512K x 8)                                                                        |
| PROGRAM MEMORY SIZE              | EBI/EMI, I²C, IrDA, SPI, UART/USART                                                     |
| OTHER NAMES                      | 1611-ATSAM4C8CB-AURDKR                                                                  |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                       |
| OPERATING SYSTEM                 | ARM® Cortex®-M4                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                           |
| MANUFACTURER PART NUMBER         | ATSAM4C8CB-AUR                                                                          |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M4 SAM4C Microcontroller IC 32-Bit Dual-Core 120MHz 512KB (512K x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                        |
| DATA SRAM BYTES                  | -                                                                                       |
| DATA CONVERTERS                  | 1.62 V ~ 3.6 V                                                                          |
| CORE SIZE                        | 128K x 8                                                                                |
| CONTROLLER SERIES                | Internal                                                                                |
| CONNECTIVITY                     | 32-Bit Dual-Core                                                                        |
| CLOCK RATE                       | 74                                                                                      |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4C8CB-AUR | ATSAM4C8CB-AUR Distributor             | ATSAM4C8CB-AUR Supplier                               |
| ATSAM4C8CB-AUR Price                         | ATSAM4C8CB-AUR Pictures                | ATSAM4C8CB-AUR Image                                  |
| ATSAM4C8CB-AUR PDF Datasheet                 | ATSAM4C8CB-AUR Download Datasheet      | ATSAM4C8CB-AUR Datasheet                              |
| ATSAM4C8CB-AUR Stock                         | Buy ATSAM4C8CB-AUR                     | Buy Micrel / Microchip Technology ATSAM4C8CB-AUR      |
| Micrel / Microchip Technology ATSAM4C8CB-AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATSAM4C8CB-AUR | Microchip Technology ATSAM4C8CB-AUR    | Roving Networks / Microchip Technology ATSAM4C8CB-AUR |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div> <b>ATSAM4CMP16CB-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 13458 pcs </div> <div>RFQ</div> |  <div> <b>ATSAM4CMP16CA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 5772 pcs </div> <div>RFQ</div> |
|  <div> <b>ATSAM4CMP16CB-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 5634 pcs </div> <div>RFQ</div> |  <div> <b>ATSAM4C8CB-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/> In stock: 19107 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATSAM4C8CB-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/> In stock: 18721 pcs </div> <div>RFQ</div> |  <div> <b>ATSAM4C4CB-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/> In stock: 17918 pcs </div> <div>RFQ</div> |
|  <div> <b>ATSAM4CMP-DB</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: SAM4CMP DEMO BOARD<br/> In stock: 166 pcs </div> <div>RFQ</div>                   |  <div> <b>ATSAM4C8CA-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/> In stock: 9271 pcs </div> <div>RFQ</div>           |
|  <div> <b>ATSAM4C8CA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/> In stock: 18029 pcs </div> <div>RFQ</div>  |  <div> <b>ATSAM4C4CB-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/> In stock: 12335 pcs </div> <div>RFQ</div>          |
|  <div> <b>ATSAM4C8CA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/> In stock: 10933 pcs </div> <div>RFQ</div> |  <div> <b>ATSAM4CMP16CA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 3321 pcs </div> <div>RFQ</div>  |