



**Micrel / Microchip Technology**



**ATSAM4S2BA-AUR**

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4S2BA-AUR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | FLASH,64K SRAM                                                                                                       |
| Datasheets:         |  <a href="#">ATSAM4S2BA-AUR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 38258 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

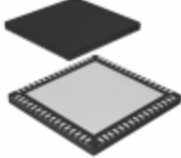
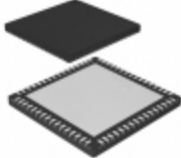
Specifications of ATSAM4S2BA-AUR

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4S2BA-AUR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                          |
| DESCRIPTION                      | FLASH,64K SRAM                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 38258 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">ATSAM4S2BA-AUR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                        |
| SPEED                            | 120MHz                                                                                                                 |
| SERIES                           | SAM4S                                                                                                                  |
| RAM SIZE                         | 64K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                |
| OTHER NAMES                      | ATSAM4S2BA-AUR-TR                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 47                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | -                                                                                                                      |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)                          |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                        |
| CONNECTIVITY                     | I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB                                                                      |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4S2BA-AUR | ATSAM4S2BA-AUR Distributor             | ATSAM4S2BA-AUR Supplier                               |
| ATSAM4S2BA-AUR Price                         | ATSAM4S2BA-AUR Pictures                | ATSAM4S2BA-AUR Image                                  |
| ATSAM4S2BA-AUR PDF Datasheet                 | ATSAM4S2BA-AUR Download Datasheet      | ATSAM4S2BA-AUR Datasheet                              |
| ATSAM4S2BA-AUR Stock                         | Buy ATSAM4S2BA-AUR                     | Buy Micrel / Microchip Technology ATSAM4S2BA-AUR      |
| Micrel / Microchip Technology ATSAM4S2BA-AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
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Related Products

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|  <div> <b>ATSAM4S2AB-ANR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: FLASH,64K SRAM<br/> In stock: 29715 pcs </div> <div>RFQ</div>                   |  <div> <b>ATSAM4S2BA-AU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/> In stock: 32740 pcs </div> <div>RFQ</div> |
|  <div> <b>ATSAM4S2BA-MU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 64QFN<br/> In stock: 31286 pcs </div> <div>RFQ</div>    |  <div> <b>ATSAM4S2AB-MN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: FLASH,64K SRAM<br/> In stock: 37348 pcs </div> <div>RFQ</div>                  |
|  <div> <b>ATSAM4S2BB-AN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: FLASH,64K SRAM<br/> In stock: 33472 pcs </div> <div>RFQ</div>                    |  <div> <b>ATSAM4S2AA-MU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 48QFN<br/> In stock: 28899 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATSAM4S2BA-UUR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 64WLCSP<br/> In stock: 34168 pcs </div> <div>RFQ</div>          |  <div> <b>ATSAM4S2BB-ANR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: FLASH,64K SRAM<br/> In stock: 24712 pcs </div> <div>RFQ</div>                 |
|  <div> <b>ATSAM4S2BA-UUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 64WLCSP<br/> In stock: 38282 pcs </div> <div>RFQ</div> |  <div> <b>ATSAM4S2AB-MNR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: FLASH,64K SRAM<br/> In stock: 37100 pcs </div> <div>RFQ</div>                 |
|  <div> <b>ATSAM4S2BB-MN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: FLASH,64K SRAM<br/> In stock: 30978 pcs </div> <div>RFQ</div>                    |  <div> <b>ATSAM4S2AB-AN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: FLASH,64K SRAM<br/> In stock: 33760 pcs </div> <div>RFQ</div>                  |