



Micrel / Microchip Technology



ATSAM4S4BA-AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4S4BA-AUR                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 64LQFP                                                                              |
|                     | <a href="#">1.ATSAM4S4BA-AUR.pdf</a>                                                                         |
|                     | <a href="#">2.ATSAM4S4BA-AUR.pdf</a>                                                                         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

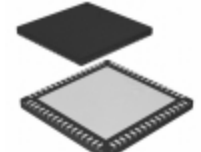
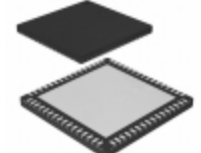
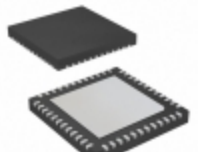
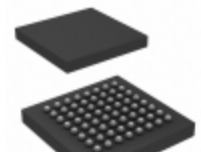
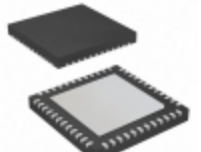
Specifications of ATSAM4S4BA-AUR

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4S4BA-AUR                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64LQFP                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| DATA SHEET                       | <a href="#">1.ATSAM4S4BA-AUR.pdf</a><br><a href="#">2.ATSAM4S4BA-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              | 256KB (256K x 8)                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                              |
| PACKAGE / CASE                   | 64-LQFP                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                             |
| NUMBER OF I/O                    | 47                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 13 Weeks                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| EEPROM SIZE                      | -                                                                                             |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 11x12b, D/A 2x12b                                                                         |
| CORE SIZE                        | 32-Bit                                                                                        |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                               |
| CONNECTIVITY                     | I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB                                             |
| BASE PART NUMBER                 | ATSAM4S4                                                                                      |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4S4BA-AUR | ATSAM4S4BA-AUR Distributor             | ATSAM4S4BA-AUR Supplier                               |
| ATSAM4S4BA-AUR Price                         | ATSAM4S4BA-AUR Pictures                | ATSAM4S4BA-AUR Image                                  |
| ATSAM4S4BA-AUR PDF Datasheet                 | ATSAM4S4BA-AUR Download Datasheet      | ATSAM4S4BA-AUR Datasheet                              |
| ATSAM4S4BA-AUR Stock                         | Buy ATSAM4S4BA-AUR                     | Buy Micrel / Microchip Technology ATSAM4S4BA-AUR      |
| Micrel / Microchip Technology ATSAM4S4BA-AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
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Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATSAM4S4BB-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 320 pcs<br/>RFQ</div>     |  <div><b>ATSAM4S4AB-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: 498 pcs<br/>RFQ</div>   |
|  <div><b>ATSAM4S4AB-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,64K SRAM<br/>In stock: Out stock<br/>RFQ</div>                   |  <div><b>ATSAM4S4BB-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,64K SRAM<br/>In stock: Out stock<br/>RFQ</div>                 |
|  <div><b>ATSAM4S4BB-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,64K SRAM<br/>In stock: Out stock<br/>RFQ</div>                    |  <div><b>ATSAM4S4BA-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>ATSAM4S4BA-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 295 pcs<br/>RFQ</div>      |  <div><b>ATSAM4S4BA-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 220 pcs<br/>RFQ</div>   |
|  <div><b>ATSAM4S4BA-UU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>ATSAM4S4AB-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,64K SRAM<br/>In stock: Out stock<br/>RFQ</div>                 |
|  <div><b>ATSAM4S4BA-UUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>ATSAM4S4AB-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: Out stock<br/>RFQ</div>  |