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| <br><br><br><br>Image may be representation.<br>See specs for product details. | <b>ATSAM4S4BA-UU</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |               |                     |                               |                      |                                  |             |                                                                                                                                                                                                                                                |              |                                                                                                    |                  |                                                      |            |           |               |
|                                                                                                                                                                                                                                                 | <table><tr><td>Manufacturer Part Number:</td><td>ATSAM4S4BA-UU</td></tr><tr><td>Manufacturer/Brand:</td><td>Micrel / Microchip Technology</td></tr><tr><td>Part of Description:</td><td>IC MCU 32BIT 256KB FLASH 64WLCSP</td></tr><tr><td>Datasheets:</td><td> <a href="#">1.ATSAM4S4BA-UU.pdf</a><br/> <a href="#">2.ATSAM4S4BA-UU.pdf</a></td></tr><tr><td>RoHs Status:</td><td> Lead free / RoHS</td></tr><tr><td>Stock Condition:</td><td>Compliant<br/>New original, 2610 pcs Stock Available.</td></tr><tr><td>Ship From:</td><td>Hong Kong</td></tr><tr><td>Shipment Way:</td><td>DHL/Fedex/TNT/UPS/EMS</td></tr></table> | Manufacturer Part Number: | ATSAM4S4BA-UU | Manufacturer/Brand: | Micrel / Microchip Technology | Part of Description: | IC MCU 32BIT 256KB FLASH 64WLCSP | Datasheets: |  <a href="#">1.ATSAM4S4BA-UU.pdf</a><br> <a href="#">2.ATSAM4S4BA-UU.pdf</a> | RoHs Status: |  Lead free / RoHS | Stock Condition: | Compliant<br>New original, 2610 pcs Stock Available. | Ship From: | Hong Kong | Shipment Way: |
| Manufacturer Part Number:                                                                                                                                                                                                                       | ATSAM4S4BA-UU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |               |                     |                               |                      |                                  |             |                                                                                                                                                                                                                                                |              |                                                                                                    |                  |                                                      |            |           |               |
| Manufacturer/Brand:                                                                                                                                                                                                                             | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |               |                     |                               |                      |                                  |             |                                                                                                                                                                                                                                                |              |                                                                                                    |                  |                                                      |            |           |               |
| Part of Description:                                                                                                                                                                                                                            | IC MCU 32BIT 256KB FLASH 64WLCSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           |               |                     |                               |                      |                                  |             |                                                                                                                                                                                                                                                |              |                                                                                                    |                  |                                                      |            |           |               |
| Datasheets:                                                                                                                                                                                                                                     |  <a href="#">1.ATSAM4S4BA-UU.pdf</a><br> <a href="#">2.ATSAM4S4BA-UU.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |               |                     |                               |                      |                                  |             |                                                                                                                                                                                                                                                |              |                                                                                                    |                  |                                                      |            |           |               |
| RoHs Status:                                                                                                                                                                                                                                    |  Lead free / RoHS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |               |                     |                               |                      |                                  |             |                                                                                                                                                                                                                                                |              |                                                                                                    |                  |                                                      |            |           |               |
| Stock Condition:                                                                                                                                                                                                                                | Compliant<br>New original, 2610 pcs Stock Available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |               |                     |                               |                      |                                  |             |                                                                                                                                                                                                                                                |              |                                                                                                    |                  |                                                      |            |           |               |
| Ship From:                                                                                                                                                                                                                                      | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |               |                     |                               |                      |                                  |             |                                                                                                                                                                                                                                                |              |                                                                                                    |                  |                                                      |            |           |               |
| Shipment Way:                                                                                                                                                                                                                                   | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |               |                     |                               |                      |                                  |             |                                                                                                                                                                                                                                                |              |                                                                                                    |                  |                                                      |            |           |               |

Specifications

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | ATSAM4S4BA-UU                                           |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 32BIT 256KB FLASH 64WLCSP                        |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2610 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 1.62 V ~ 3.6 V                                          |
| Supplier Device Package    | 64-WLCSP (3.3x3.3)                                      |
| 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                  | Tray                                                    |
| Package / Case             | 64-UFBGA, WLCSP                                         |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 47                                                      |
| EEPROM Size                | -                                                       |
| 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       |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In:<br><br><br><br><b>ATSAM4S4BA-AN</b><br>Microchip Technology<br>IC MCU 32BIT 256KB FLASH<br>64LQFP | <br><br><b>ATSAM4S4BA-AU IC</b><br>ATMEL<br>ATMEL LQFP64                         | <br><br><b>ATSAM4S4BA-AU</b><br>Microchip Technology<br>IC MCU 32BIT 256KB FLASH<br>64LQFP | <br><br><b>ATSAM4S4BA-AUR</b><br>Microchip Technology<br>IC MCU 32BIT 256KB FLASH<br>64LQFP |
| <br><br><b>ATSAM4S4BB-MN</b><br>Micrel / Microchip Technology<br>FLASH,64K SRAM                       | <br><br><b>ATSAM4S4BB-ANR</b><br>Micrel / Microchip Technology<br>FLASH,64K SRAM | <br><br><b>ATSAM4S4BB-MNR</b><br>Micrel / Microchip Technology<br>FLASH,64K SRAM           | <br><br><b>ATSAM4S4BA-MU</b><br>Microchip Technology<br>IC MCU 32BIT 256KB FLASH<br>64QFN   |

ATSAM4S4BA-UU Related keyword

More

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| ATSAM4S4BA-UU Micrel / Microchip Technology | ATSAM4S4BA-UU Data Sheet   | ATSAM4S4BA-UU Datasheets  | ATSAM4S4BA-UU PDF   | Micrel / Microchip Technology<br>ATSAM4S4BA-UU |
| ATSAM4S4BA-UU Electronic                    | ATSAM4S4BA-UU Components   | ATSAM4S4BA-UU Distributor | ATSAM4S4BA-UU Image | ATSAM4S4BA-UU Part                             |
| ATSAM4S4BA-UU Price                         | ATSAM4S4BA-UU Manufacturer | ATSAM4S4BA-UU Picture     | ATSAM4S4BA-UU Stock | ATSAM4S4BA-UU Inventory                        |
| ATSAM4S4BA-UU New                           | ATSAM4S4BA-UU Original     | ATSAM4S4BA-UU Warranted   | ATSAM4S4BA-UU RFQ   | ATSAM4S4BA-UU Order Online                     |