




Micrel / Microchip Technology

ATSAM4LS8BA-MU

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| Part Number: | ATSAM4LS8BA-MU |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | IC MCU 32BIT 512KB FLASH 64QFN |
| Datasheets: | 1.ATSAM4LS8BA-MU.pdf 2.ATSAM4LS8BA-MU.pdf 3.ATSAM4LS8BA-MU.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.

Specifications of ATSAM4LS8BA-MU

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|----------------------------------|--|
| PART NUMBER | ATSAM4LS8BA-MU |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | IC MCU 32BIT 512KB FLASH 64QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | 1.ATSAM4LS8BA-MU.pdf 2.ATSAM4LS8BA-MU.pdf 3.ATSAM4LS8BA-MU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.68 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 64-QFN (9x9) |
| SPEED | 48MHz |
| SERIES | SAM4L |
| RAM SIZE | 64K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 512KB (512K x 8) |
| PERIPHERALS | Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 64-VFQFN Exposed Pad |
| OTHER NAMES | 1611-ATSAM4LS8BA-MU |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 48 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| MANUFACTURER STANDARD LEAD TIME | 20 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| EEPROM SIZE | - |
| DETAILED DESCRIPTION | ARM® Cortex®-M4 SAM4L Microcontroller IC 32-Bit 48MHz 512KB (512K x 8) FLASH 64-QFN (9x9) |
| DATA CONVERTERS | A/D 7x12b, D/A 1x10b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M4 |
| CONNECTIVITY | I ² C, IrDA, LINbus, SPI, UART/USART, USB |

Related Tags

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