




Micrel / Microchip Technology

ATSAM4SA16CB-CFNR

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| Part Number: | ATSAM4SA16CB-CFNR |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | FLASH,160K SRAM |
| Datasheets: | ATSAM4SA16CB-CFNR.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.


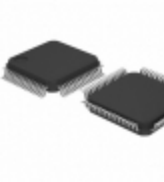
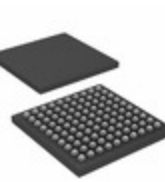
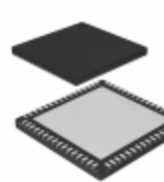
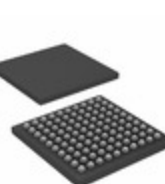
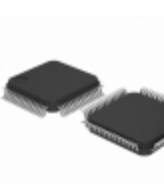
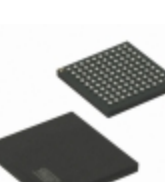


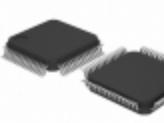
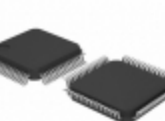
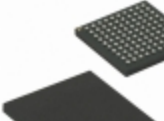
Specifications of ATSAM4SA16CB-CFNR

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|----------------------------------|---|
| PART NUMBER | ATSAM4SA16CB-CFNR |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | FLASH,160K SRAM |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | ATSAM4SA16CB-CFNR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.62 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 100-VFBGA (7x7) |
| SPEED | 120MHz |
| SERIES | SAM4S |
| RAM SIZE | 160K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 1MB (1M x 8) |
| PERIPHERALS | Brown-out Detect/Reset, DMA, POR, PWM, WDT |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 100-VFBGA |
| OTHER NAMES | ATSAM4SA16CB-CFNR-TR |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 105°C (TA) |
| NUMBER OF I/O | 79 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| MANUFACTURER STANDARD LEAD TIME | 16 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| EEPROM SIZE | - |
| DETAILED DESCRIPTION | ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 100-VFBGA (7x7) |
| DATA CONVERTERS | A/D 16x12b, D/A 2x12b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M4 |
| CONNECTIVITY | EBI/EMI, I ² C, IrDA, Memory Card, SPI, SSC, UART/USART, USB |

Related Tags

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Related Products

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|---|---|
|  <p>ATSAM4SA16CB-ANR Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: Out stock</p> <p>RFQ</p> |  <p>ATSAM4SD16BA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: Out stock</p> <p>RFQ</p> |
|  <p>ATSAM4SA16CA-CFUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100VFBGA In stock: Out stock</p> <p>RFQ</p> |  <p>ATSAM4SD16BA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 78 pcs</p> <p>RFQ</p> |
|  <p>ATSAM4SA16CB-CFN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 520 pcs</p> <p>RFQ</p> |  <p>ATSAM4SD16BA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: Out stock</p> <p>RFQ</p> |
|  <p>ATSAM4SA16CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 228 pcs</p> <p>RFQ</p> |  <p>ATSAM4SA16CB-AN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 510 pcs</p> <p>RFQ</p> |
|  <p>ATSAM4SD16BA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 262 pcs</p> <p>RFQ</p> |  <p>ATSAM4SD16BA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: Out stock</p> <p>RFQ</p> |
|  <p>ATSAM4SD16BA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: Out stock</p> <p>RFQ</p> |  <p>ATSAM4SA16CA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: Out stock</p> <p>RFQ</p> |