




Micrel / Microchip Technology

ATSAM4SD16CB-CFNR

Part Number:	ATSAM4SD16CB-CFNR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	FLASH,160K SRAM
Datasheets:	ATSAM4SD16CB-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.

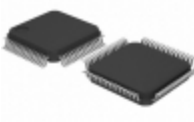
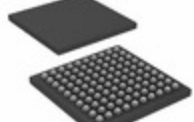
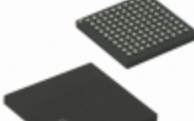
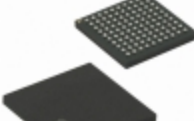


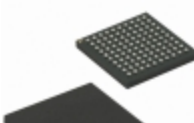

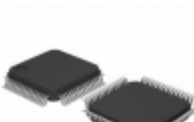
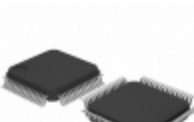
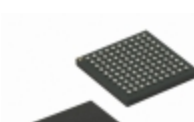
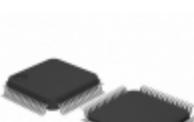
Specifications of ATSAM4SD16CB-CFNR

PART NUMBER	ATSAM4SD16CB-CFNR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	FLASH,160K SRAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	ATSAM4SD16CB-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	Cut Tape (CT)
PACKAGE / CASE	100-VFBGA
OTHER NAMES	ATSAM4SD16CB-CFNR-CT
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, I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAM4SD16CB-CFNR	ATSAM4SD16CB-CFNR Distributor	ATSAM4SD16CB-CFNR Supplier
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Related Products

 <p>ATSAM4SD32BA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: Out stock RFQ</p>	 <p>ATSAM4SD16CB-CFN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 520 pcs RFQ</p>
 <p>ATSAM4SD16CB-CNR Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: Out stock RFQ</p>	 <p>ATSAM4SD16CB-CN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 520 pcs RFQ</p>
 <p>ATSAM4SD16CB-ANR Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: Out stock RFQ</p>	 <p>ATSAM4SD16CA-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 6 pcs RFQ</p>
 <p>ATSAM4SD16CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 3 pcs RFQ</p>	 <p>ATSAM4SD16CB-AN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 540 pcs RFQ</p>
 <p>ATSAM4SD32BA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: 111 pcs RFQ</p>	 <p>ATSAM4SD32BA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: Out stock RFQ</p>
 <p>ATSAM4SD16CA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: Out stock RFQ</p>	 <p>ATSAM4SD32BA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: Out stock RFQ</p>