



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4SD16BB-AN

Part Number:	ATSAM4SD16BB-AN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	FLASH,160K SRAM
Datasheets:	 ATSAM4SD16BB-AN.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

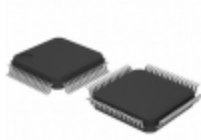
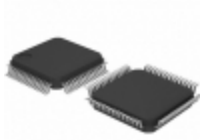
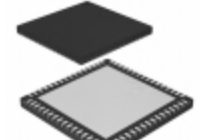
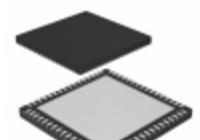
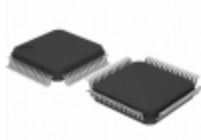
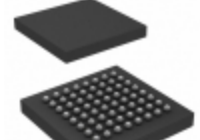
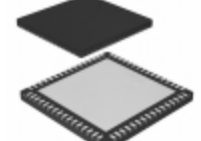
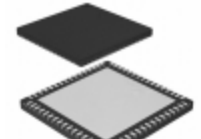
Specifications of ATSAM4SD16BB-AN

PART NUMBER	ATSAM4SD16BB-AN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	FLASH,160K SRAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAM4SD16BB-AN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
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	Tray
PACKAGE / CASE	64-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	47
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 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

Related Tags

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Related Products

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 ATSAM4SD16BB-UUR Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: Out stock RFQ	 ATSAM4SD16BA-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: Out stock RFQ
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