



ATSAM4SA16BA-AN

Part Number:	ATSAM4SA16BA-AN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 64LQFP
Datasheets:	PDF 1.ATSAM4SA16BA-AN.pdf PDF 2.ATSAM4SA16BA-AN.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

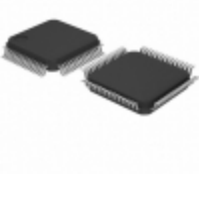
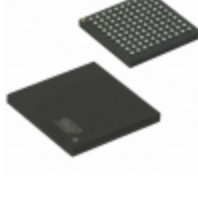
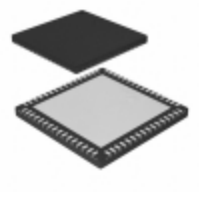
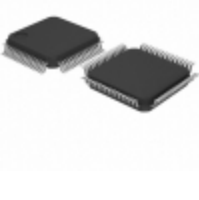
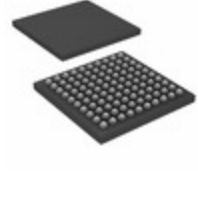
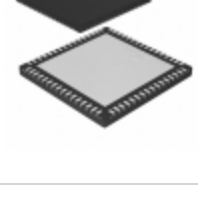
Specifications of ATSAM4SA16BA-AN

PART NUMBER	ATSAM4SA16BA-AN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.ATSAM4SA16BA-AN.pdf PDF 2.ATSAM4SA16BA-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)
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
BASE PART NUMBER	ATSAM4SA16

Related Tags

Micrel / Microchip Technology ATSAM4SA16BA-AN	ATSAM4SA16BA-AN Distributor	ATSAM4SA16BA-AN Supplier
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Related Products

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 ATSAM4SA16BA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: Out stock RFQ	 ATSAM4S8CB-CN Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 520 pcs RFQ
 ATSAM4SA16BA-MUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 70 pcs RFQ	 ATSAM4S8CB-CNR Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: Out stock RFQ
 ATSAM4SA16BA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 237 pcs RFQ	 ATSAM4S8CB-AN Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 110 pcs RFQ
 ATSAM4SA16BA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: Out stock RFQ	 ATSAM4S8CB-CFN Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 520 pcs RFQ
 ATSAM4S8CB-CFNR Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: Out stock RFQ	 ATSAM4SA16BA-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 64 pcs RFQ