



Micrel / Microchip Technology



ATSAM4SD16BA-AUR

Part Number:	ATSAM4SD16BA-AUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 64LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	18396 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

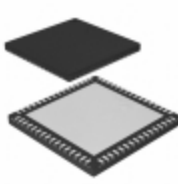
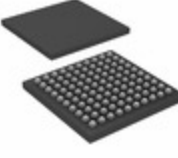
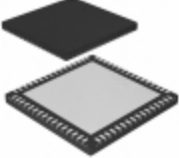
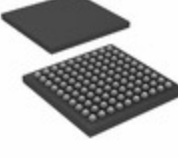
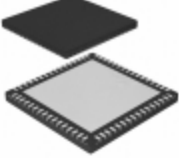
Specifications of ATSAM4SD16BA-AUR

PART NUMBER	ATSAM4SD16BA-AUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18396 pcs
DATA SHEET	
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	Tape & Reel (TR)
PACKAGE / CASE	64-LQFP
OTHER NAMES	ATSAM4SD16BA-AURTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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	ATSAM4SD16

Related Tags

Micrel / Microchip Technology ATSAM4SD16BA-AUR	ATSAM4SD16BA-AUR Distributor	ATSAM4SD16BA-AUR Supplier
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Related Products

 ATSAM4SD16BA-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 18505 pcs RFQ	 ATSAM4SD16BA-UUR Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 11848 pcs RFQ
 ATSAM4SD16BA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 11390 pcs RFQ	 ATSAM4SD16BA-MUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 14745 pcs RFQ
 ATSAM4SA16CB-CFNR Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 15681 pcs RFQ	 ATSAM4SD16BB-AN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 14689 pcs RFQ
 ATSAM4SD16BA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 4912 pcs RFQ	 ATSAM4SD16BA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 27100 pcs RFQ
 ATSAM4SA16CB-CFN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 14879 pcs RFQ	 ATSAM4SD16BB-MN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 14620 pcs RFQ
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