



Micrel / Microchip Technology



ATSAM4SD16CA-AU

Part Number:	ATSAM4SD16CA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	15687 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

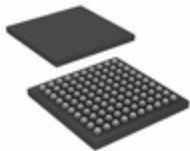
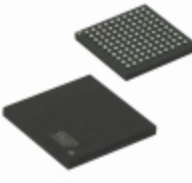
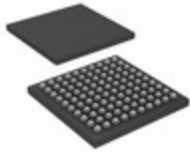
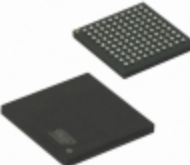
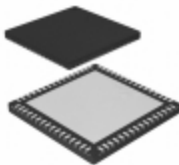
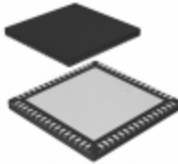
Specifications of ATSAM4SD16CA-AU

PART NUMBER	ATSAM4SD16CA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15687 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
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	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	79
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 100-LQFP (14x14)
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
BASE PART NUMBER	ATSAM4SD16

Related Tags

Micrel / Microchip Technology ATSAM4SD16CA-AU	ATSAM4SD16CA-AU Distributor	ATSAM4SD16CA-AU Supplier
ATSAM4SD16CA-AU Price	ATSAM4SD16CA-AU Pictures	ATSAM4SD16CA-AU Image
ATSAM4SD16CA-AU PDF Datasheet	ATSAM4SD16CA-AU Download Datasheet	ATSAM4SD16CA-AU Datasheet
ATSAM4SD16CA-AU Stock	Buy ATSAM4SD16CA-AU	Buy Micrel / Microchip Technology ATSAM4SD16CA-AU
Micrel / Microchip Technology ATSAM4SD16CA-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAM4SD16CA-AU	Microchip Technology ATSAM4SD16CA-AU	Roving Networks / Microchip Technology ATSAM4SD16CA-AU

Related Products

 ATSAM4SD16CA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 3677 pcs RFQ	 ATSAM4SD16CA-CFUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100VFBGA In stock: 24070 pcs RFQ
 ATSAM4SD16CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 24885 pcs RFQ	 ATSAM4SD16CA-CFU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100VFBGA In stock: 23250 pcs RFQ
 ATSAM4SD16CA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 6246 pcs RFQ	 ATSAM4SD16CA-CU Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 16662 pcs RFQ
 ATSAM4SD16CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 16715 pcs RFQ	 ATSAM4SD16BB-MNR Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 15735 pcs RFQ
 ATSAM4SD16BB-MN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 14620 pcs RFQ	 ATSAM4SD16BB-UUR Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 13788 pcs RFQ
 ATSAM4SD16CA-CFUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100VFBGA In stock: 14061 pcs RFQ	 ATSAM4SD16BB-AN Manufacturers: Micrel / Microchip Technology Description: FLASH,160K SRAM In stock: 14689 pcs RFQ