



ATSAM4S16CA-AU

Part Number:	ATSAM4S16CA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

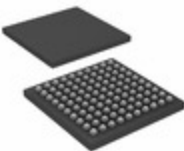
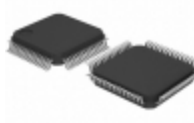
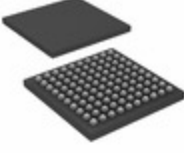
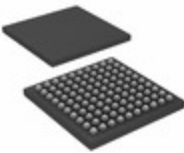
Specifications of ATSAM4S16CA-AU

PART NUMBER	ATSAM4S16CA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	120MHz
SERIES	SAM4S
RAM SIZE	128K 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
OTHER NAMES	ATSAM4S16CAAU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	79
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	18 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-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	ATSAM4S16

Related Tags

Micrel / Microchip Technology ATSAM4S16CA-AU	ATSAM4S16CA-AU Distributor	ATSAM4S16CA-AU Supplier
ATSAM4S16CA-AU Price	ATSAM4S16CA-AU Pictures	ATSAM4S16CA-AU Image
ATSAM4S16CA-AU PDF Datasheet	ATSAM4S16CA-AU Download Datasheet	ATSAM4S16CA-AU Datasheet
ATSAM4S16CA-AU Stock	Buy ATSAM4S16CA-AU	Buy Micrel / Microchip Technology ATSAM4S16CA-AU
Micrel / Microchip Technology ATSAM4S16CA-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
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Related Products

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 ATSAM4S16BA-UUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64WLCSP In stock: Out stock RFQ	 ATSAM4S16CA-CFN R Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100VFBGA In stock: Out stock RFQ
 ATSAM4S16CA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 919 pcs RFQ	 ATSAM4S16CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 24 pcs RFQ
 ATSAM4S16BB-AN Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 345 pcs RFQ	 ATSAM4S16CA-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100VFBGA In stock: 177 pcs RFQ
 ATSAM4S16CA-ANR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 955 pcs RFQ	 ATSAM4S16CA-CFU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100VFBGA In stock: 425 pcs RFQ
 ATSAM4S16CA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 719 pcs RFQ	 ATSAM4S16BB-ANR Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: Out stock RFQ