



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM3S1CA-AU

Part Number:	ATSAM3S1CA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 64KB FLASH 100LQFP
Datasheets:	 ATSAM3S1CA-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

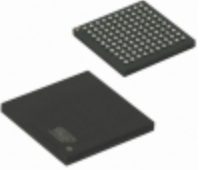
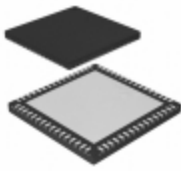
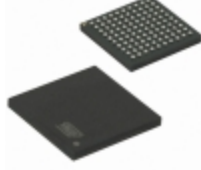
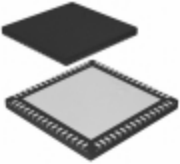
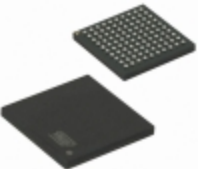
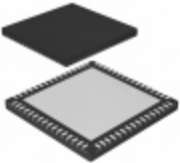
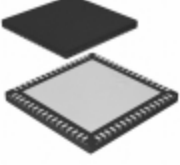
Specifications of ATSAM3S1CA-AU

PART NUMBER	ATSAM3S1CA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAM3S1CA-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	64MHz
SERIES	SAM3S
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	ATSAM3S1CAAU
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®-M3 SAM3S Microcontroller IC 32-Bit 64MHz 64KB (64K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 15x10/12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	EBI/EMI, I²C, Memory Card, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM3S1

Related Tags

Micrel / Microchip Technology ATSAM3S1CA-AU	ATSAM3S1CA-AU Distributor	ATSAM3S1CA-AU Supplier
ATSAM3S1CA-AU Price	ATSAM3S1CA-AU Pictures	ATSAM3S1CA-AU Image
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Related Products

 ATSAM3S1BB-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 320 pcs RFQ	 ATSAM3S1CA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 100TFBGA In stock: Out stock RFQ
 ATSAM3S1BA-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: Out stock RFQ	 ATSAM3S1CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: Out stock RFQ
 ATSAM3S1CB-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 100TFBGA In stock: Out stock RFQ	 ATSAM3S1BA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: Out stock RFQ
 ATSAM3S1CB-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: Out stock RFQ	 ATSAM3S1CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 100TFBGA In stock: 179 pcs RFQ
 ATSAM3S1CB-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: 287 pcs RFQ	 ATSAM3S1BB-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 199 pcs RFQ
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