

ATSAM3S2AA-AU



Part Number:

ATSAM3S2AA-AU

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 128KB FLASH 48LQFP

Data sheet:

 [SAM3S Series Summary](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

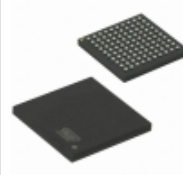
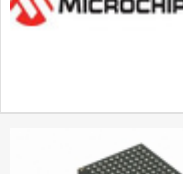
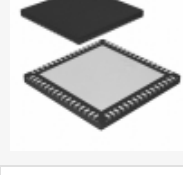
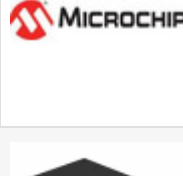
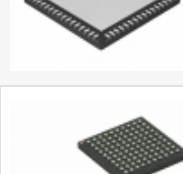
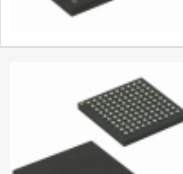
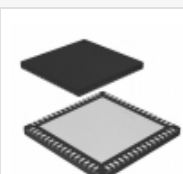
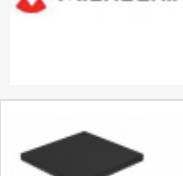
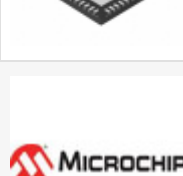
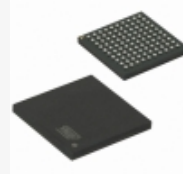
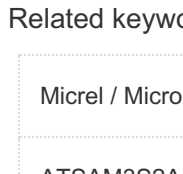
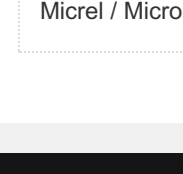
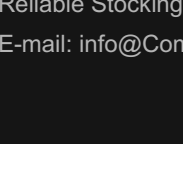
Shipment Way:

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAM3S2AA-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 128KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26851 pcs	Data sheet	SAM3S Series Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	64MHz
Series	SAM3S	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	ATSAM3S2AAAU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	34	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 SAM3S Microcontroller IC 32-Bit 64MHz 128KB (128K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 8x10/12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	I ² C, MMC, SPI, SSC, UART/USART, USB
Base Part Number	ATSAM3S2		
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	Part#: ATSAM3S1CA-CU Description: IC MCU 32BIT 64KB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3S1CA-AU Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM3S1BB-MU Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM3S2AA-MU Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3S1CA-AUR Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM3S2CA-AUR Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3S2BA-AUR Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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