

ATSAM4S2BA-AU



Part Number: [ATSAM4S2BA-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 128KB FLASH 64LQFP

Data sheet:  [SAM4S Series Datasheet](#)
 [SAM4S Flyer](#)

RoHs Status: Lead free / RoHS Compliant

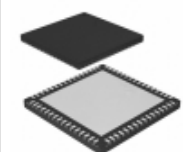
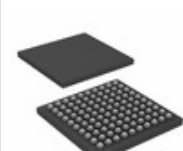
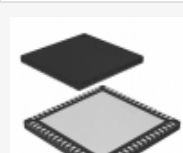
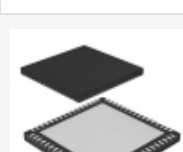
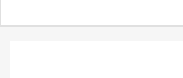
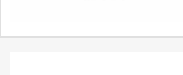
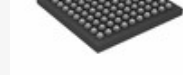
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAM4S2BA-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 128KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31859 pcs	Data sheet	SAM4S Series Datasheet SAM4S Flyer
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	120MHz
Series	SAM4S	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	47
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	19 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 16x12b, 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	ATSAM4S2
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