

ATSAM4S2BA-AUR



Part Number: [ATSAM4S2BA-AUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: FLASH,64K SRAM

Data sheet:  [SAM4S Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

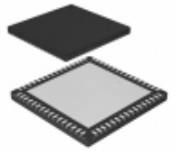
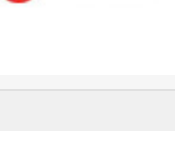
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PRODUCT PARAMETER			
Part Number	ATSAM4S2BA-AUR	Manufacturer	Micrel / Microchip Technology
Description	FLASH,64K SRAM	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	33997 pcs	Data sheet	SAM4S Series Datasheet
Category	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	Tape & Reel (TR)
Package / Case	64-LQFP	Other Names	ATSAM4S2BA-AUR-TR
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	13 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
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	Part#: ATSAM4S2BA-AU Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S2AB-AN Description: FLASH,64K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
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