



	ATSAM4S2BA-AU
	Manufacturer Part Number: ATSAM4S2BA-AU
	Manufacturer/Brand: Micrel / Microchip Technology
	Part of Description: IC MCU 32BIT 128KB FLASH 64LQFP
	Datasheets: <ul style="list-style-type: none">  1.ATSAM4S2BA-AU.pdf  2.ATSAM4S2BA-AU.pdf
	RoHs Status:  Lead free / RoHS
	Stock Condition: Compliant New original, 2300 pcs Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	ATSAM4S2BA-AU
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 128KB FLASH 64LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2300 pcs Stock
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
EEPROM Size	-
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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In:

 <p>ATSAM4S2AB-MNR Micrel / Microchip Technology FLASH,64K SRAM</p>	 <p>ATSAM4S2BA-UUR Microchip Technology IC MCU 32BIT 128KB FLASH 64WLCSF</p>	 <p>ATSAM4S2BA-AUR Micrel / Microchip Technology FLASH,64K SRAM</p>	 <p>ATSAM4S2AA-MU Microchip Technology IC MCU 32BIT 128KB FLASH 48QFN</p>
 <p>ATSAM4S2AB-ANR Micrel / Microchip Technology FLASH,64K SRAM</p>	 <p>ATSAM4S2BA-UUR Microchip Technology IC MCU 32BIT 128KB FLASH 64WLCSF</p>	 <p>ATSAM4S2AB-MN Micrel / Microchip Technology FLASH,64K SRAM</p>	 <p>ATSAM4S2BA-AU IC MICROCHIP MICROCHIP LQFP64</p>

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