

ATSAM3S8BA-MU





Part Number: [ATSAM3S8BA-MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 64QFN

Data sheet:  [SAM3S8/SD8 Summary](#)

RoHs Status: Lead free / RoHS Compliant

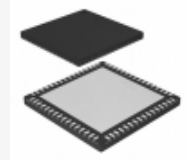
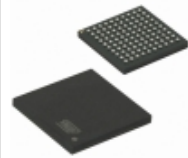
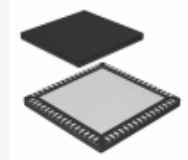
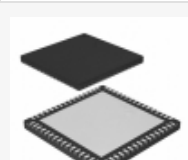
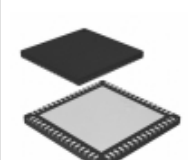
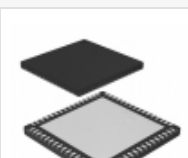
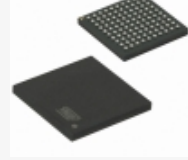
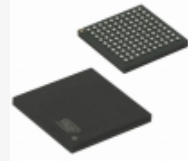
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PRODUCT PARAMETER			
Part Number	ATSAM3S8BA-MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15565 pcs	Data sheet	SAM3S8/SD8 Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	64MHz
Series	SAM3S	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	64-VFQFN Exposed Pad	Other Names	ATSAM3S8BAMU
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	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 SAM3S Microcontroller IC 32-Bit 64MHz 512KB (512K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 10x10/12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	I ² C, IrDA, Memory Card, SPI, SSC, UART/USART, USB
Base Part Number	ATSAM3S8		
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