

ATSAM3N1CB-AUR



Part Number: [ATSAM3N1CB-AUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 100LQFP

Data sheet:  [SAM3N Series Summary](#)

RoHs Status: Lead free / RoHS Compliant

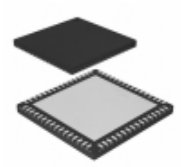
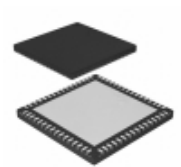
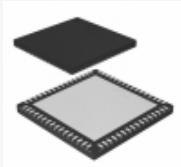
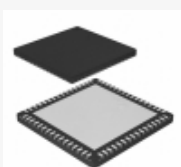
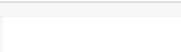
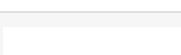
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PRODUCT PARAMETER			
Part Number	ATSAM3N1CB-AUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	35960 pcs	Data sheet	SAM3N Series Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	48MHz
Series	SAM3N	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-LQFP	Other Names	ATSAM3N1CB-AUR-ND ATSAM3N1CB-AURTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	79	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 SAM3N Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 16x10b; D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	I²C, IrDA, SPI, UART/USART
Base Part Number	ATSAM3N1		
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	Part#: ATSAM3N1CA-CU Description: IC MCU 32BIT 64KB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM3N1CA-AU Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM3N2CA-CU Description: IC MCU 32BIT 128KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
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