

ATSAM4N16BA-AUR



Part Number: [ATSAM4N16BA-AUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 1MB FLASH 64LQFP

Data sheet:  [SAM4N8,16 Series](#)
 [SAM4N Series Prod Brief](#)

RoHs Status: Lead free / RoHS Compliant

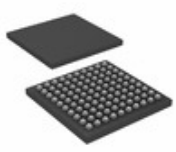
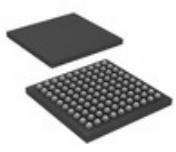
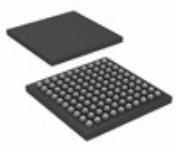
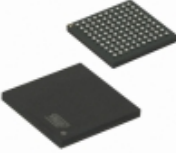
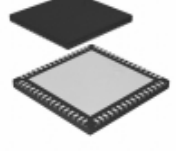
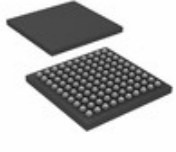
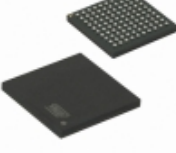
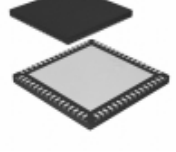
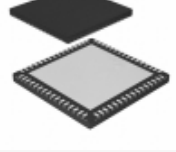
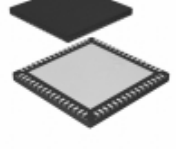
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PRODUCT PARAMETER			
Part Number	ATSAM4N16BA-AUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23077 pcs	Data sheet	SAM4N8,16 Series SAM4N Series Prod Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	100MHz
Series	SAM4N	RAM Size	80K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-LQFP	Other Names	ATSAM4N16BA-AURTR
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	8 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 SAM4N Microcontroller IC 32-Bit 100MHz 1MB (1M x 8) FLASH 64-LQFP (10x10)
Data Converters	A/D 11x10b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I²C, IrDA, SPI, UART/USART
Base Part Number	ATSAM4N16		
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