

ATSAM4CMS16CB-AUR



Part Number: [ATSAM4CMS16CB-AUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 1MB FLASH 100LQFP

Data sheet:  [SAM4CM Series Datasheet](#)
 [Smart Energy Solutions Guide](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	ATSAM4CMS16CB-AUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7256 pcs	Data sheet	SAM4CM Series Datasheet Smart Energy Solutions
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Guide 1.62 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	120MHz
Series	SAM4CM	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Original-Reel®
Package / Case	100-LQFP	Other Names	ATSAM4CMS16CB-AURDKR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	57	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4F SAM4CM Microcontroller IC 32-Bit Dual-Core 120MHz 1MB (1M x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 6x10b
Core Size	32-Bit Dual-Core	Core Processor	ARM® Cortex®-M4F
Connectivity	EBI/EMI, I²C, IrDA, SPI, UART/USART	Base Part Number	ATSAM4CMS16
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