

ATSAM4CMS16CC-AU



Part Number: [ATSAM4CMS16CC-AU](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 32BIT 1MB FLASH 100LQFP
Data sheet:  [SAM4CM Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant
Ship From: Hong Kong
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PRODUCT PARAMETER			
Part Number	ATSAM4CMS16CC-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13938 pcs	Data sheet	SAM4CM Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	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	Tray
Package / Case	100-LQFP	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
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