

ATSAM4E8CB-ANR



Part Number: [ATSAM4E8CB-ANR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: 100LQFP, GREEN, EXT TEMP, MRL B, T&R

Data sheet:  [SAM4E Series Datasheet](#)

RoHs Status:

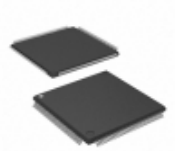
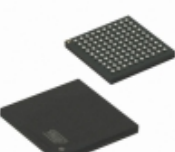
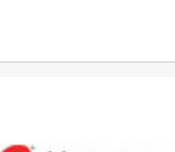
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PRODUCT PARAMETER			
Part Number	ATSAM4E8CB-ANR	Manufacturer	Micrel / Microchip Technology
Description	100LQFP, GREEN, EXT TEMP, MRL B, T&R	Lead Free Status / RoHS Status	
Quantity Available	20522 pcs	Data sheet	SAM4E Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	120MHz
Series	SAM4E	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	100-LQFP	Other Names	ATSAM4E8CB-ANRCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	79	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 SAM4E Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 16x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, Ethernet, IrDA, MMC/SD, SPI, UART/USART, USB		
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