



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4E8CA-AUR

Part Number:	ATSAM4E8CA-AUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
	PDF 1.ATSAM4E8CA-AUR.pdf
	PDF 2.ATSAM4E8CA-AUR.pdf
Datasheets:	
RoHs Status	✓ Lead free / RoHS Compliant
Stock Condition	13609 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

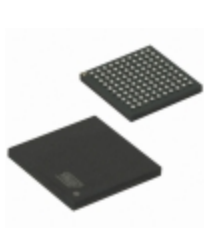
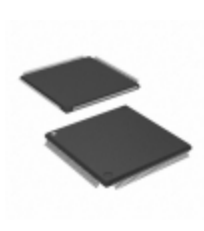
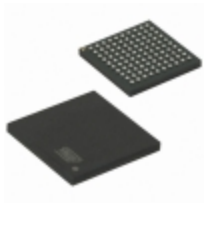
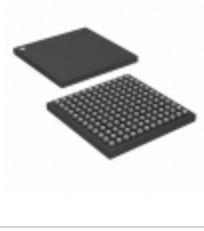
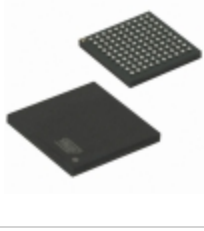
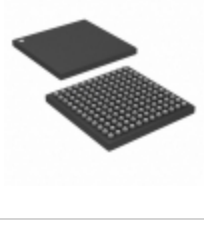
Specifications of ATSAM4E8CA-AUR

PART NUMBER	ATSAM4E8CA-AUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13609 pcs
DATA SHEET	PDF 1.ATSAM4E8CA-AUR.pdf PDF 2.ATSAM4E8CA-AUR.pdf
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	ATSAM4E8CA-AURCT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	79
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
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
BASE PART NUMBER	ATSAM4E8

Related Tags

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Related Products

 ATSAM4E8CB-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 13869 pcs RFQ	 ATSAM4E8CB-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 15074 pcs RFQ
 ATSAM4E16EB-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 11548 pcs RFQ	 ATSAM4E8CA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 17724 pcs RFQ
 ATSAM4E8CB-ANR Manufacturers: Micrel / Microchip Technology Description: 100LQFP,GREEN,EXT TEMP,MRL B,T&R In stock: 13137 pcs RFQ	 ATSAM4E8CA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 13363 pcs RFQ
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