



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4E16CA-AU

Part Number:	ATSAM4E16CA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	 1.ATSAM4E16CA-AU.pdf  2.ATSAM4E16CA-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11241 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

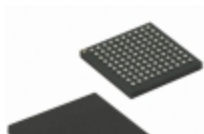
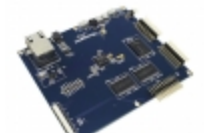
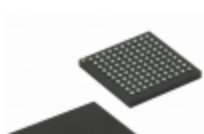
Specifications of ATSAM4E16CA-AU

PART NUMBER	ATSAM4E16CA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11241 pcs
DATA SHEET	 1.ATSAM4E16CA-AU.pdf  2.ATSAM4E16CA-AU.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	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
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 1MB (1M 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	ATSAM4E16

Related Tags

Micrel / Microchip Technology ATSAM4E16CA-AU	ATSAM4E16CA-AU Distributor	ATSAM4E16CA-AU Supplier
ATSAM4E16CA-AU Price	ATSAM4E16CA-AU Pictures	ATSAM4E16CA-AU Image
ATSAM4E16CA-AU PDF Datasheet	ATSAM4E16CA-AU Download Datasheet	ATSAM4E16CA-AU Datasheet
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 ATSAM4E16CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 14230 pcs RFQ	 ATSAM4E16CB-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 16618 pcs RFQ
 ATSAM4E16CA-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 11435 pcs RFQ	 ATSAM4E16CB-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 13937 pcs RFQ
 ATSAM4CP16C-AHU-Y Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 6505 pcs RFQ	 ATSAM4E-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4E CORTEX In stock: 355 pcs RFQ
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 ATSAM4E16CA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 14674 pcs RFQ	 ATSAM4E16CA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 10953 pcs RFQ
 ATSAM4E-XPRO Manufacturers: Micrel / Microchip Technology Description: SAM4E XPLAINED PRO EVAL KIT In stock: 960 pcs RFQ	 ATSAM4E16CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 12941 pcs RFQ