


MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4E16CA-AUR

Part Number:	ATSAM4E16CA-AUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 100LQFP
	PDF 1.ATSAM4E16CA-AUR.pdf
	PDF 2.ATSAM4E16CA-AUR.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	Lead free / RoHS Compliant
Stock Condition	14230 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

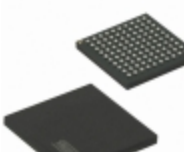
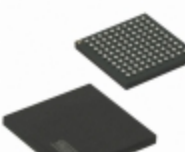
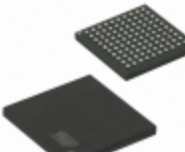
Specifications of ATSAM4E16CA-AUR

PART NUMBER	ATSAM4E16CA-AUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14230 pcs
DATA SHEET	PDF 1.ATSAM4E16CA-AUR.pdf PDF 2.ATSAM4E16CA-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	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-LQFP
OTHER NAMES	ATSAM4E16CA-AURTR
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-AUR	ATSAM4E16CA-AUR Distributor	ATSAM4E16CA-AUR Supplier
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Related Products

 ATSAM4E-XPRO Manufacturers: Micrel / Microchip Technology Description: SAM4E XPLAINED PRO EVAL KIT In stock: 960 pcs RFQ	 ATSAM4E16CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 11241 pcs RFQ
 ATSAM4E16CB-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 13937 pcs RFQ	 ATSAM4CP16C-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4CP16C In stock: 177 pcs RFQ
 ATSAM4E16CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 12941 pcs RFQ	 ATSAM4E16CB-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144TFBGA In stock: 14842 pcs RFQ
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