

MICROCHIP

Micrel / Microchip Technology



ATSAM4E16CB-AN

Part Number:	ATSAM4E16CB-AN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	 ATSAM4E16CB-AN.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	13937 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

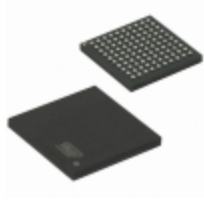
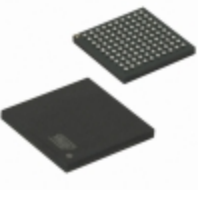
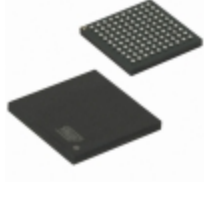
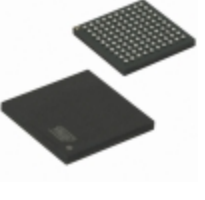
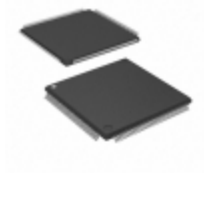
Specifications of ATSAM4E16CB-AN

PART NUMBER	ATSAM4E16CB-AN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13937 pcs
DATA SHEET	 ATSAM4E16CB-AN.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	Bulk
PACKAGE / CASE	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°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

Related Tags

Micrel / Microchip Technology ATSAM4E16CB-AN	ATSAM4E16CB-AN Distributor	ATSAM4E16CB-AN Supplier
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Related Products

 ATSAM4E16CA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 14674 pcs RFQ	 ATSAM4E16EA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 11631 pcs RFQ
 ATSAM4E16CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 14230 pcs RFQ	 ATSAM4E16CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 12941 pcs RFQ
 ATSAM4E16CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 11241 pcs RFQ	 ATSAM4E16CB-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 16618 pcs RFQ
 ATSAM4E16EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 10642 pcs RFQ	 ATSAM4E16CA-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 11435 pcs RFQ
 ATSAM4E16CB-CNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 15804 pcs RFQ	 ATSAM4E16CB-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144TFBGA In stock: 14842 pcs RFQ
 ATSAM4E16EA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 10850 pcs RFQ	 ATSAM4E16CA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 10953 pcs RFQ