




Micrel / Microchip Technology

ATSAM4E16EB-ANR

Part Number:	ATSAM4E16EB-ANR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 1MB FLASH 144LQFP
Datasheets:	PDF ATSAM4E16EB-ANR.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

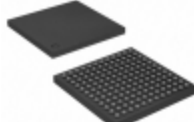





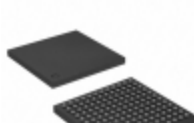
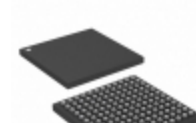
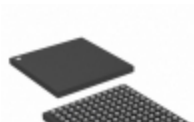



Specifications of ATSAM4E16EB-ANR

PART NUMBER	ATSAM4E16EB-ANR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF ATSAM4E16EB-ANR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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	144-LQFP
OTHER NAMES	ATSAM4E16EB-ANRTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	117
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
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 144-LQFP (20x20)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, IrDA, SD, SPI, UART/USART, USB

Related Tags

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 <p>ATSAM4E16EA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: Out stock RFQ</p>	 <p>ATSAM4E16EB-AN Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 215 pcs RFQ</p>
 <p>ATSAM4E16EA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ</p>	 <p>ATSAM4E16EB-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 476 pcs RFQ</p>
 <p>ATSAM4E16EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ</p>	 <p>ATSAM4E8CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 633 pcs RFQ</p>
 <p>ATSAM4E16EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 162 pcs RFQ</p>	 <p>ATSAM4E16EB-CNR Manufacturers: Micrel / Microchip Technology Description: SRAM In stock: Out stock RFQ</p>
 <p>ATSAM4E16EB-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 66 pcs RFQ</p>	 <p>ATSAM4E8CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ</p>
 <p>ATSAM4E8CA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ</p>	 <p>ATSAM4E8CA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 540 pcs RFQ</p>