



Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4E16EB-AN

Part Number:	ATSAM4E16EB-AN
Manufacturer/Brand:	Micro Commercial Components (MCC)
Product description	IC MCU 32BIT 1MB FLASH 144LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

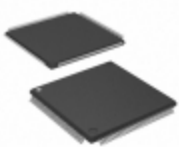
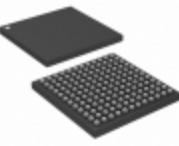
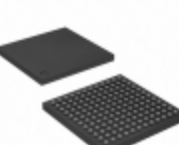
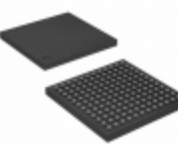
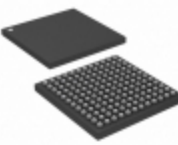
Specifications of ATSAM4E16EB-AN

PART NUMBER	ATSAM4E16EB-AN
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
SERIES	SAM4E
REVERSE RECOVERY TIME (TRR)	120MHz
REQUIRES	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PROGRAM MEMORY TYPE	1MB (1M x 8)
PROGRAM MEMORY SIZE	CAN, EBI/EMI, Ethernet, IrDA, SD, SPI, UART/USART, USB
OTHER NAMES	1611-ATSAM4E16EB-AN
OSCILLATOR TYPE	A/D 16x12b, D/A 2x12b
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M4
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	2 Weeks
MANUFACTURER PART NUMBER	ATSAM4E16EB-AN
EXPANDED DESCRIPTION	ARM® Cortex®-M4 SAM4E Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
DATA SRAM BYTES	-
DATA CONVERTERS	1.62 V ~ 3.6 V
CORE SIZE	128K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit
CLOCK RATE	117

Related Tags

Micro Commercial Components (MCC) ATSAM4E16EB-AN	ATSAM4E16EB-AN Distributor	ATSAM4E16EB-AN Supplier
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Related Products

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