



Microchip Technology



ATSAM4E8EA-CU

Part Number:	ATSAM4E8EA-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	12803 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

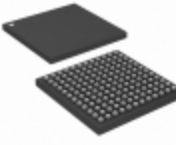
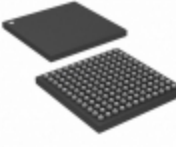
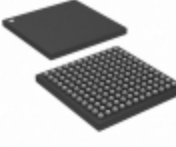
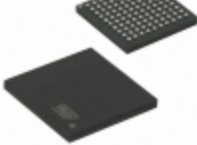
Specifications of ATSAM4E8EA-CU

PART NUMBER	ATSAM4E8EA-CU
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12803 pcs
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	512KB (512K x 8)
PROGRAM MEMORY SIZE	CAN, EBI/EMI, Ethernet, IrDA, SD, SPI, UART/USART, USB
OTHER NAMES	1611-ATSAM4E8EA-CU
OSCILLATOR TYPE	A/D 16x12b, D/A 2x12b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M4
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER PART NUMBER	ATSAM4E8EA-CU
EXPANDED DESCRIPTION	ARM® Cortex®-M4 SAM4E Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
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

Micrel / Microchip Technology ATSAM4E8EA-CU	ATSAM4E8EA-CU Distributor	ATSAM4E8EA-CU Supplier
ATSAM4E8EA-CU Price	ATSAM4E8EA-CU Pictures	ATSAM4E8EA-CU Image
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Related Products

 ATSAM4E8EB-ANR Manufacturers: Micrel / Microchip Technology Description: SRAM In stock: 16391 pcs RFQ	 ATSAM4E8EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 10498 pcs RFQ
 ATSAM4E8EB-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 10943 pcs RFQ	 ATSAM4E8EA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 14125 pcs RFQ
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 ATSAM4E8CB-CNR Manufacturers: Micrel / Microchip Technology Description: SRAM In stock: 12321 pcs RFQ	 ATSAM4E8EA-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 13506 pcs RFQ
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