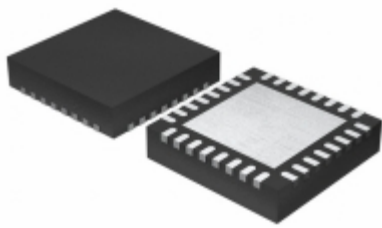


ATSAMDA1E15B-MBT





Part Number:

ATSAMDA1E15B-MBT

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 32KB FLASH 32QFN

Data sheet:

 [SAM DA1](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

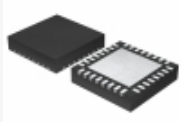
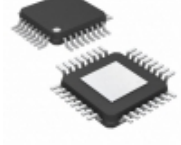
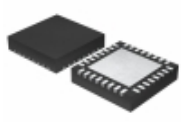
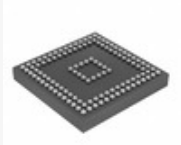
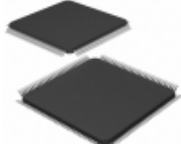
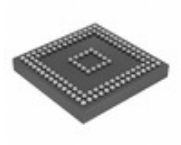
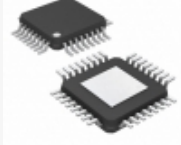
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ATSAMDA1E15B-MBT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 32KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43443 pcs	Data sheet	SAM DA1
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.63 V
Supplier Device Package	32-VQFN (5x5)	Speed	48MHz
Series	SAM DA1	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	32-VFQFN Exposed Pad	Other Names	ATSAMDA1E15B-MBTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	26	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM DA1 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 32-VQFN (5x5)
Data Converters	A/D 10x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I ² C, SCI, SPI, UART/USART, USB
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	Part#: ATSAMDA1G15B-ABT Description: 48 TQFP 7X7X1.0MM	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD51P19A-AU Description: 120MHZ 512KB FLASH 128 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMDA1E16B-MBT Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51P20A-CTUT Description: 120MHZ 1024KB FLASH 120 TFBGA PK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51P20A-AU Description: 120MHZ 1024KB FLASH 128 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1J14B-ABT Description: 64 TQFP 7X7X1.0MM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51P19A-AUT Description: 120MHZ 512KB FLASH 128 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1-XPRO Description: EVAL BOARD FOR SAM DA1	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51P19A-CTUT Description: 120MHZ 512KB FLASH 120 TFBGA PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1E15B-ABT Description: 32 TQFP 7X7X1.0MM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1G14B-MBT Description: 48 QFN 5X5X0.9MM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1G16B-MBT Description: 48 QFN 5X5X0.9MM	Manufacturers: Micrel / Microchip Technology	RFQ

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