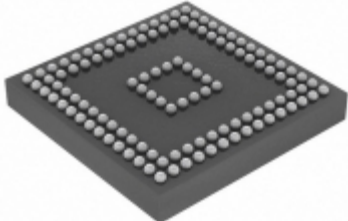


ATSAMD51P19A-CTUT



Images are for reference only.
See Product Specifications for product details.
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Part Number: [ATSAMD51P19A-CTUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: 120MHZ 512KB FLASH 120 TFBGA PKG

Data sheet:  [SAM D5x,E5x Family Datasheet](#)
 [SAM D5x,E5x Family Errata](#)

RoHs Status:

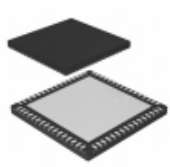
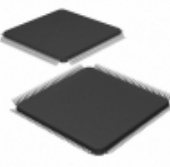
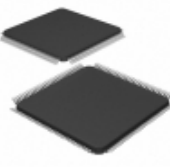
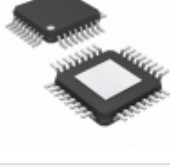
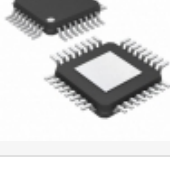
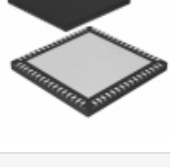
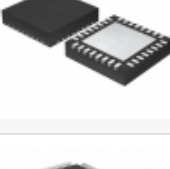
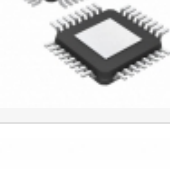
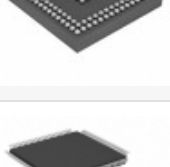
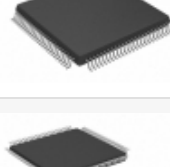
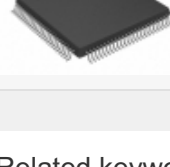
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Request For Quotation

PRODUCT PARAMETER		
Part Number	ATSAMD51P19A-CTUT	Manufacturer Micrel / Microchip Technology
Description	120MHZ 512KB FLASH 120 TFBGA PKG	Lead Free Status / RoHS Status
Quantity Available	22483 pcs	Data sheet SAM D5x,E5x Family Datasheet SAM D5x,E5x Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) 1.71 V ~ 3.63 V
Supplier Device Package	120-TFBGA (8x8)	Speed 120MHz
Series	SAM D51	RAM Size 192K x 8
Program Memory Type	FLASH	Program Memory Size 512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM	Packaging Tape & Reel (TR)
Package / Case	120-TFBGA	Other Names ATSAMD51P19A-CTUTTR
Oscillator Type	Internal	Operating Temperature -40°C ~ 85°C (TA)
Number of I/O	99	Moisture Sensitivity Level (MSL) 3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	EEPROM Size -
Detailed Description	ARM® Cortex®-M4F SAM D51 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 120-TFBGA (8x8)	Data Converters A/D 32x12b, D/A 2x12b
Core Size	32-Bit	Core Processor ARM® Cortex®-M4F
Connectivity	EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB	

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	Part#: ATSAMD51P20A-AU Description: 120MHZ 1024KB FLASH 128 TQFP PKG	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD51J20A-UUT Description: 120MHZ 1024KB FLASH 64 WLCSP PKG	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD51P19A-AUT Description: 120MHZ 512KB FLASH 128 TQFP PKG	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD51J20A-AUT Description: 120MHZ 1024KB FLASH 64 TQFP PKG	Manufacturers: Micrel / Microchip Technology RFQ
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	Part#: ATSAMD51J20A-MUT Description: 120MHZ 1024KB FLASH 64 QFN PKG I	Manufacturers: Micrel / Microchip Technology RFQ
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	Part#: ATSAMD51N19A-AUT Description: 120MHZ 512KB FLASH 100 TQFP PKG	Manufacturers: Micrel / Microchip Technology RFQ
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	Part#: ATSAMDA1E14B-MBT Description: IC MCU 32BIT 16KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD51P20A-CTUT Description: 120MHZ 1024KB FLASH 120 TFBGA PK	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD51N19A-AU Description: 120MHZ 512KB FLASH 100 TQFP PKG	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD51N20A-AUT Description: 120MHZ 1024KB FLASH 100 TQFP PKG	Manufacturers: Micrel / Microchip Technology RFQ

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