

ATSAMD51N19A-AU





Part Number:

ATSAMD51N19A-AU

Manufacturer:

Micrel / Microchip Technology

Description:

120MHZ 512KB FLASH 100 TQFP PKG

Data sheet:

 [SAM D5x,E5x Family Datasheet](#)

 [SAM D5x,E5x Family Errata](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

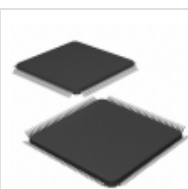
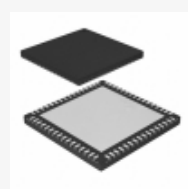
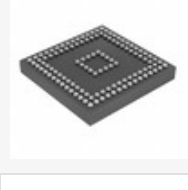
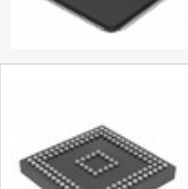
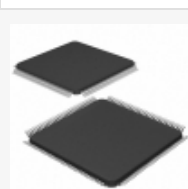
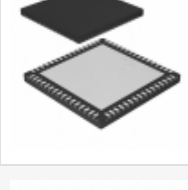
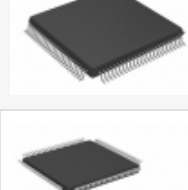
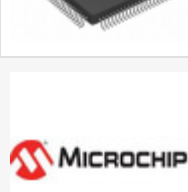
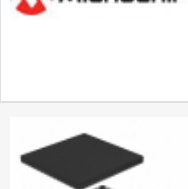
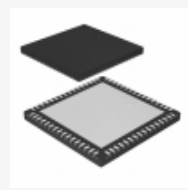
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMD51N19A-AU	Manufacturer	Micrel / Microchip Technology
Description	120MHZ 512KB FLASH 100 TQFP PKG	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20677 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	100-TQFP (14x14)	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	Tray
Package / Case	100-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	81
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4F SAM D51 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 100-TQFP (14x14)	Data Converters	A/D 28x12b, 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#: ATSAMD51J19A-AU Description: 120MHZ 512KB FLASH 64 TQFP PKG I	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51J20A-MUT Description: 120MHZ 1024KB FLASH 64 QFN PKG I	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD51P19A-CTUT Description: 120MHZ 512KB FLASH 120 TFBGA PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51P19A-CTUT Description: 120MHZ 512KB FLASH 120 TFBGA PKG	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for ATSAMD51N19A-AU

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