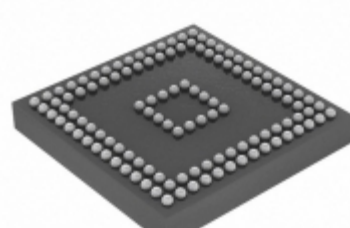


ATSAMD51P20A-CTUT



Part Number: [ATSAMD51P20A-CTUT](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: 120MHZ 1024KB FLASH 120 TFBGA PK
Data sheet: [SAM D5x,E5x Family Datasheet](#)
[SAM D5x,E5x Family Errata](#)

RoHS Status:
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	ATSAMD51P20A-CTUT	Manufacturer	Micrel / Microchip Technology
Description	120MHZ 1024KB FLASH 120 TFBGA PK	Lead Free Status / RoHS Status	
Quantity Available	18972 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	256K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM	Packaging	Tape & Reel (TR)
Package / Case	120-TFBGA	Other Names	ATSAMD51P20A-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 1MB (1M 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#: ATSAMD51N20A-AUT Description: 120MHZ 1024KB FLASH 100 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51N19A-AUT Description: 120MHZ 512KB FLASH 100 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1-XPRO Description: EVAL BOARD FOR SAM DA1	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMDA1E15B-MBT Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMDA1E15B-ABT Description: 32 TQFP 7X7X1.0MM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51P20A-AUT Description: 120MHZ 1024KB FLASH 128 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51P19A-AUT Description: 120MHZ 512KB FLASH 128 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51N19A-AUT Description: 120MHZ 512KB FLASH 100 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1E14B-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#: ATSAMD51N20A-AUT Description: 120MHZ 1024KB FLASH 100 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1G14B-ABT Description: 48 TQFP 7X7X1.0MM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1E16B-ABT Description: 32 TQFP 7X7X1.0MM	Manufacturers: Micrel / Microchip Technology	RFQ

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