

ATSAMD51N20A-AUT



Part Number:

ATSAMD51N20A-AUT

Manufacturer:

Micrel / Microchip Technology

Description:

120MHZ 1024KB 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:

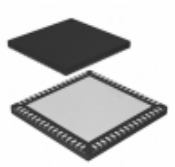
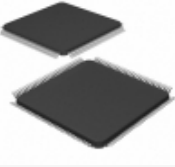
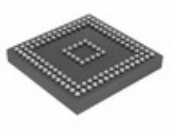
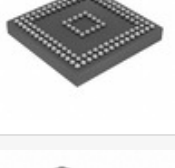
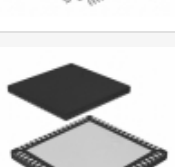
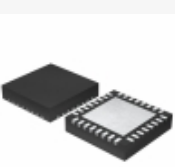
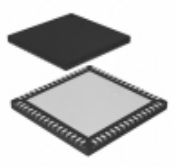
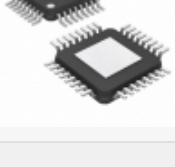
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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMD51N20A-AUT	Manufacturer	Micrel / Microchip Technology
Description	120MHZ 1024KB FLASH 100 TQFP PKG	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21364 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	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	Original-Reel®
Package / Case	100-TQFP	Other Names	ATSAMD51N20A-AUTDKR
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 1MB (1M 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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RFQ Email: info@Components-World.com

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	Part#: ATSAMD51P20A-AUT Description: 120MHZ 1024KB FLASH 128 TQFP PKG	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#: ATSAMD51J19A-MUT Description: 120MHZ 512KB FLASH 64 QFN PKG IN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51J20A-AU Description: 120MHZ 1024KB FLASH 64 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD51J20A-AUT Description: 120MHZ 1024KB FLASH 64 TQFP PKG	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1E14B-ABT Description: 32 TQFP 7X7X1.0MM	Manufacturers: Micrel / Microchip Technology	RFQ

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