



ATSAMD51N20A-AUT

Part Number:	ATSAMD51N20A-AUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	120MHZ 1024KB FLASH 100 TQFP PKG
Datasheets:	1.ATSAMD51N20A-AUT.pdf 2.ATSAMD51N20A-AUT.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

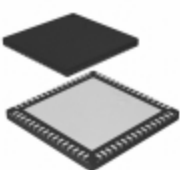
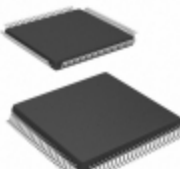
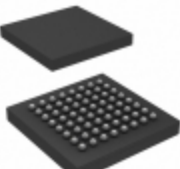
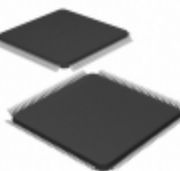
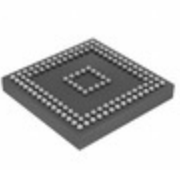
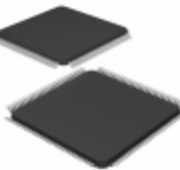
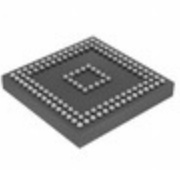
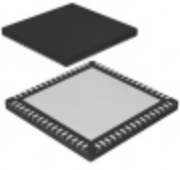
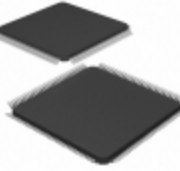
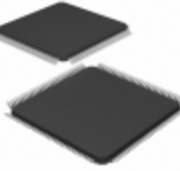
Specifications of ATSAMD51N20A-AUT

PART NUMBER	ATSAMD51N20A-AUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	120MHZ 1024KB FLASH 100 TQFP PKG
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAMD51N20A-AUT.pdf 2.ATSAMD51N20A-AUT.pdf
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

Related Tags

Micrel / Microchip Technology ATSAMD51N20A-AUT	ATSAMD51N20A-AUT Distributor	ATSAMD51N20A-AUT Supplier
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Related Products

 ATSAMD51J20A-MU Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 64 QFN PKG I In stock: 505 pcs RFQ	 ATSAMD51N19A-AU Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 100 TQFP PKG In stock: 436 pcs RFQ
 ATSAMD51N20A-AU Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 100 TQFP PKG In stock: 381 pcs RFQ	 ATSAMD51J20A-UUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 64 WLCSP PKG In stock: Out stock RFQ
 ATSAMD51P19A-AUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 128 TQFP PKG In stock: Out stock RFQ	 ATSAMD51N19A-AUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 100 TQFP PKG In stock: Out stock RFQ
 ATSAMD51P19A-CTUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 120 TFBGA PKG In stock: Out stock RFQ	 ATSAMD51P20A-AU Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 128 TQFP PKG In stock: 480 pcs RFQ
 ATSAMD51P20A-CTUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 120 TFBGA PK In stock: Out stock RFQ	 ATSAMD51J20A-MUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 64 QFN PKG I In stock: Out stock RFQ
 ATSAMD51P19A-AU Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 128 TQFP PKG In stock: 447 pcs RFQ	 ATSAMD51P20A-AUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 128 TQFP PKG In stock: 961 pcs RFQ