



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMD51J20A-AU

Part Number:	ATSAMD51J20A-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	120MHZ 1024KB FLASH 64 TQFP PKG
	 1.ATSAMD51J20A-AU.pdf
	 2.ATSAMD51J20A-AU.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

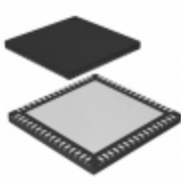
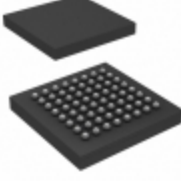
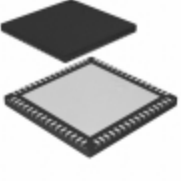
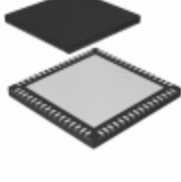
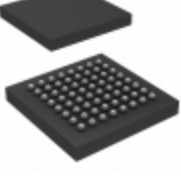
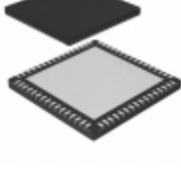
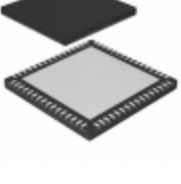
Specifications of ATSAMD51J20A-AU

PART NUMBER	ATSAMD51J20A-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	120MHZ 1024KB FLASH 64 TQFP PKG
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATSAMD51J20A-AU.pdf  2.ATSAMD51J20A-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
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, I²S, POR, PWM
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 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 64-TQFP (10x10)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	EBI/EMI, I²C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAMD51J20A-AU	ATSAMD51J20A-AU Distributor	ATSAMD51J20A-AU Supplier
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Related Products

 ATSAMD51J20A-MUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 64 QFN PKG I In stock: Out stock RFQ	 ATSAMD51J19A-AUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 64 TQFP PKG In stock: Out stock RFQ
 ATSAMD51J20A-AUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 64 TQFP PKG In stock: Out stock RFQ	 ATSAMD51J19A-AU Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 64 TQFP PKG I In stock: 621 pcs RFQ
 ATSAMD51J19A-UUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 64 WLCSP PKG In stock: Out stock RFQ	 ATSAMD51J19A-MUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 64 QFN PKG IN In stock: Out stock RFQ
 ATSAMD51J18A-MUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 256KB FLASH 64 QFN PKG IN In stock: Out stock RFQ	 ATSAMD51J20A-UUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 64 WLCSP PKG In stock: Out stock RFQ
 ATSAMD51J19A-MU Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 64 QFN PKG IN In stock: 446 pcs RFQ	 ATSAMD51J20A-MU Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 64 QFN PKG I In stock: 505 pcs RFQ
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