



Micrel / Microchip Technology



ATSAMD51J19A-AUT

Part Number:	ATSAMD51J19A-AUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	120MHZ 512KB FLASH 64 TQFP PKG
	PDF 1.ATSAMD51J19A-AUT.pdf
	PDF 2.ATSAMD51J19A-AUT.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Stock Condition	24045 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

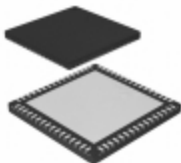
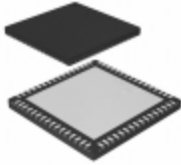
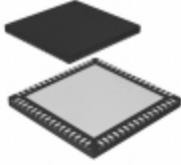
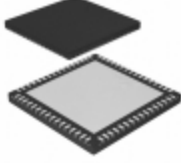
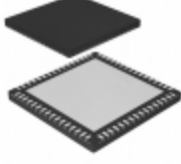
Specifications of ATSAMD51J19A-AUT

PART NUMBER	ATSAMD51J19A-AUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	120MHZ 512KB FLASH 64 TQFP PKG
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	24045 pcs
DATA SHEET	PDF 1.ATSAMD51J19A-AUT.pdf PDF 2.ATSAMD51J19A-AUT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
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	Original-Reel®
PACKAGE / CASE	64-TQFP
OTHER NAMES	ATSAMD51J19A-AUTDKR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 64-TQFP (10x10)
DATA CONVERTERS	A/D 24x12b, 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

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 ATSAMD51J18A-MUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 256KB FLASH 64 QFN PKG IN In stock: 23864 pcs RFQ	 ATSAMD51J19A-UUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 512KB FLASH 64 WLCSP PKG In stock: 25325 pcs RFQ
 ATSAMD51J20A-AUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 1024KB FLASH 64 TQFP PKG In stock: 25307 pcs RFQ	 ATSAMD51J18A-AUT Manufacturers: Micrel / Microchip Technology Description: 120MHZ 256KB FLASH 64 TQFP PKG I In stock: 30372 pcs RFQ
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