

ATSAMD51J18A-AUT	
Part Number	ATSAMD51J18A-AUT
Manufacturer	Micrel / Microchip Technology
Description	120MHZ 256KB FLASH 64 TQFP PKG I
Quantity Available	500 pcs in stock
Datasheets	1.ATSAMD51J18A-AUT.pdf 2.ATSAMD51J18A-AUT.pdf
ATSAMD51J18A-AUT Price	Request Price & Lead Time Online or Email us: Info@ariat-tech.com


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Technical Information of ATSAMD51J18A-AUT			
Manufacturer Part Number	ATSAMD51J18A-AUT	Category	Integrated Circuits (ICs)
Manufacturer	Micrel / Microchip Technology	Description	120MHZ 256KB FLASH 64 TQFP PKG I
Package / Case	Tape & Reel (TR)	Quantity Available	500
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.63 V	Supplier Device Package	64-TQFP (10x10)
Speed	120MHz	Series	SAM D51
RAM Size	128K x 8	Program Memory Type	FLASH
Program Memory Size	256KB (256K x 8)	Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM
Packaging	Tape & Reel (TR)	Package / Case	64-TQFP
Other Names	ATSAMD51J18A-AUTTR	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	13 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4F SAM D51 Microcontroller IC 32-Bit 120MHz 256KB (256K 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		

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Related parts for ATSAMD51J18A-AUT				
Image	Part Number	Description	Manufacturer	Quantity
	ATSAMD51G18A-MUT	120MHZ 256KB FLASH 48 QFN PKG IN	Micrel / Microchip Technology	500 pcs
	ATSAMD51J20A-AUT	120MHZ 1024KB FLASH 64 TQFP PKG	Micrel / Microchip Technology	500 pcs
	ATSAMD51J19A-UUT	120MHZ 512KB FLASH 64 WLCSP PKG	Micrel / Microchip Technology	500 pcs
	ATSAMD51G19A-MU	120MHZ 512KB FLASH 48 QFN PKG IN	Micrel / Microchip Technology	762 pcs
	ATSAMD51J19A-AU	120MHZ 512KB FLASH 64 TQFP PKG I	Micrel / Microchip Technology	621 pcs
	ATSAMD51J18A-MUT	120MHZ 256KB FLASH 64 QFN PKG IN	Micrel / Microchip Technology	500 pcs
	ATSAMD51J20A-AU	120MHZ 1024KB FLASH 64 TQFP PKG	Micrel / Microchip Technology	476 pcs
	ATSAMD51J20A-MU	120MHZ 1024KB FLASH 64 QFN PKG I	Micrel / Microchip Technology	505 pcs
	ATSAMD51G19A-MUT	120MHZ 512KB FLASH 48 QFN PKG IN	Micrel / Microchip Technology	500 pcs
	ATSAMD21J18A-MF	IC MCU 32BIT 256KB FLASH 64QFN	Microchip Technology	500 pcs
	ATSAMD51J19A-AUT	120MHZ 512KB FLASH 64 TQFP PKG	Micrel / Microchip Technology	500 pcs
	ATSAMD21J18A-MU	IC MCU 32BIT 256KB FLASH 64QFN	Microchip Technology	500 pcs
	ATSAMD51J19A-MUT	120MHZ 512KB FLASH 64 QFN PKG IN	Micrel / Microchip Technology	500 pcs
	ATSAMD21J18A-MFT	IC MCU 32BIT 256KB FLASH 64QFN	Microchip Technology	500 pcs
	ATSAMD21J18A-MFT	IC MCU 32BIT 256KB FLASH 64QFN	Microchip Technology	500 pcs
	ATSAMD51J18A-MU	120MHZ 256KB FLASH 64 QFN PKG IN	Micrel / Microchip Technology	213 pcs
	ATSAMD51J18A-AU	120MHZ 256KB FLASH 64 TQFP PKG I	Micrel / Microchip Technology	515 pcs
	ATSAMD51J19A-MU	120MHZ 512KB FLASH 64 QFN PKG IN	Micrel / Microchip Technology	446 pcs
	ATSAMD51G18A-MU	120MHZ 256KB FLASH 48 QFN PKG IN	Micrel / Microchip Technology	640 pcs
	ATSAMD21J18A-MUT	IC MCU 32BIT 256KB FLASH 64QFN	Microchip Technology	500 pcs

ATSAMD51J18A-AUT Stock	ATSAMD51J18A-AUT Price	ATSAMD51J18A-AUT Electronics	ATSAMD51J18A-AUT Components
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