

MICROCHIP

Micrel / Microchip Technology



ATSAME51J19A-AUT

Part Number:	ATSAME51J19A-AUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 64TQFP
	 1.ATSAME51J19A-AUT.pdf
	 2.ATSAME51J19A-AUT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19226 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

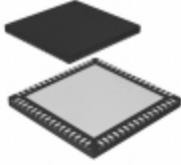
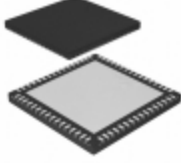
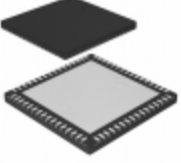
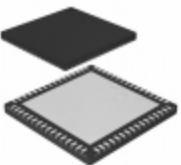
Specifications of ATSAME51J19A-AUT

PART NUMBER	ATSAME51J19A-AUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19226 pcs
DATA SHEET	 1.ATSAME51J19A-AUT.pdf  2.ATSAME51J19A-AUT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	120MHz
SERIES	SAM E51
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	Cut Tape (CT)
PACKAGE / CASE	64-TQFP
OTHER NAMES	ATSAME51J19A-AUTCT
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 E51 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	CANbus, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB

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 ATSAME51J20A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 19487 pcs RFQ	 ATSAMDA1J16B-ABT Manufacturers: Micrel / Microchip Technology Description: 64 TQFP 7X7X1.0MM In stock: 34789 pcs RFQ
 ATSAME51J18A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 25261 pcs RFQ	 ATSAME51J20A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 18052 pcs RFQ
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