



Micrel / Microchip Technology

ATSAME53N19A-AUT

Part Number:	ATSAME53N19A-AUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 512KB FLASH 100TQFP
Datasheets:	1.ATSAME53N19A-AUT.pdf 2.ATSAME53N19A-AUT.pdf
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	16570 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of ATSAME53N19A-AUT

PART NUMBER	ATSAME53N19A-AUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16570 pcs
DATA SHEET	1.ATSAME53N19A-AUT.pdf 2.ATSAME53N19A-AUT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	120MHz
SERIES	SAM E53
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, WDT
PACKAGING	Original-Reel®
PACKAGE / CASE	100-TQFP
OTHER NAMES	ATSAME53N19A-AUTDKR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	81
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F SAM E53 Microcontroller IC 32-Bit 120MHz 512KB (512K 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, Ethernet, I ² C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB

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<p>ATSAME53N20A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TQFP In stock: 15927 pcs RFQ</p>	<p>ATSAME53J20A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 16036 pcs RFQ</p>
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<p>ATSAME53N20A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TQFP In stock: 16847 pcs RFQ</p>	<p>ATSAME53N19A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100TQFP In stock: 18301 pcs RFQ</p>

