

ATSAME54N19A-AUT	
Part Number	ATSAME54N19A-AUT
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 100TQFP
Quantity Available	990 pcs in stock
Datasheets	1.ATSAME54N19A-AUT.pdf 2.ATSAME54N19A-AUT.pdf
ATSAME54N19A-AUT Price	Request Price & Lead Time Online or Email us: Info@ariat-tech.com


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Technical Information of ATSAME54N19A-AUT			
Manufacturer Part Number	ATSAME54N19A-AUT	Category	Integrated Circuits (ICs)
Manufacturer	Micrel / Microchip Technology	Description	IC MCU 32BIT 512KB FLASH 100TQFP
Package / Case	Digi-Reel®	Quantity Available	990
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.63 V	Supplier Device Package	100-TQFP (14x14)
Speed	120MHz	Series	SAM E54
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	ATSAME54N19A-AUTDKR	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	81
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4F SAM E54 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	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB		

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Related parts for ATSAME54N19A-AUT				
Image	Part Number	Description	Manufacturer	Quantity
	ATSAME54N19A-AU	IC MCU 32BIT 512KB FLASH 100TQFP	Micrel / Microchip Technology	445 pcs
	ATSAME54N20A-AUT	IC MCU 32BIT 1MB FLASH 100TQFP	Micrel / Microchip Technology	720 pcs
	ATSAME70-XPLD	XPLAINED ULTRA EVAL KIT SAME70	Micrel / Microchip Technology	506 pcs
	ATSAME53J20A-MU	IC MCU 32BIT 1MB FLASH 64QFN	Micrel / Microchip Technology	542 pcs
	ATSAME54-XPRO	SAM E54 XPLAINED PRO	Micrel / Microchip Technology	500 pcs
	ATSAME53J20A-AU	IC MCU 32BIT 1MB FLASH 64TQFP	Micrel / Microchip Technology	462 pcs
	ATSAME54P20A-AUT	IC MCU 32BIT 1MB FLASH 128TQFP	Micrel / Microchip Technology	500 pcs
	ATSAME53N20A-AU	IC MCU 32BIT 1MB FLASH 100TQFP	Micrel / Microchip Technology	377 pcs
	ATSAME70J19A-AN	IC MCU 32BIT 512KB FLASH 64LQFP	Microchip Technology	500 pcs
	ATSAME54N20A-AU	IC MCU 32BIT 1MB FLASH 100TQFP	Micrel / Microchip Technology	276 pcs
	ATSAME53N19A-AUT	IC MCU 32BIT 512KB FLASH 100TQFP	Micrel / Microchip Technology	970 pcs
	ATSAME54P19A-CTUT	IC MCU 32BIT 512KB FLASH 120BGA	Micrel / Microchip Technology	500 pcs
	ATSAME53N19A-AU	IC MCU 32BIT 512KB FLASH 100TQFP	Micrel / Microchip Technology	293 pcs
	ATSAME54P19A-AU	IC MCU 32BIT 512KB FLASH 128TQFP	Micrel / Microchip Technology	404 pcs
	ATSAME54P20A-CTUT	IC MCU 32BIT 1MB FLASH 120TFBGA	Micrel / Microchip Technology	500 pcs
	ATSAME54P19A-AUT	IC MCU 32BIT 512KB FLASH 128TQFP	Micrel / Microchip Technology	500 pcs
	ATSAME53N20A-AUT	IC MCU 32BIT 1MB FLASH 100TQFP	Micrel / Microchip Technology	500 pcs
	ATSAME53J20A-MUT	IC MCU 32BIT 1MB FLASH 64QFN	Micrel / Microchip Technology	500 pcs
	ATSAME53J20A-AUT	IC MCU 32BIT 1MB FLASH 64TQFP	Micrel / Microchip Technology	500 pcs
	ATSAME54P20A-AU	IC MCU 32BIT 1MB FLASH 128TQFP	Micrel / Microchip Technology	163 pcs

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