



ATSAME54P19A-AUT

Part Number:	ATSAME54P19A-AUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 128TQFP
Datasheets:	PDF 1.ATSAME54P19A-AUT.pdf PDF 2.ATSAME54P19A-AUT.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	18935 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

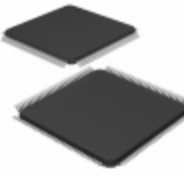
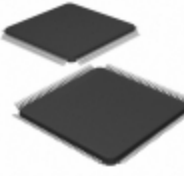
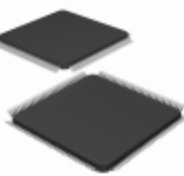
Specifications of ATSAME54P19A-AUT

PART NUMBER	ATSAME54P19A-AUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 128TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18935 pcs
DATA SHEET	PDF 1.ATSAME54P19A-AUT.pdf PDF 2.ATSAME54P19A-AUT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	128-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	Tape & Reel (TR)
PACKAGE / CASE	128-TQFP
OTHER NAMES	ATSAME54P19A-AUTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	99
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 128-TQFP (14x14)
DATA CONVERTERS	A/D 32x12b, 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

Related Tags

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 ATSAME54P19A-CTUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 17795 pcs RFQ	 ATSAME70-XPLD Manufacturers: Micrel / Microchip Technology Description: XPLAINED ULTRA EVAL KIT SAME70 In stock: 2427 pcs RFQ
 ATSAME54N19A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100TQFP In stock: 15879 pcs RFQ	 ATSAME54P20A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 128TQFP In stock: 12854 pcs RFQ
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