



Micrel / Microchip Technology



ATSAMG54N19B-AU

Part Number:	ATSAMG54N19B-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	 1.ATSAMG54N19B-AU.pdf  2.ATSAMG54N19B-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	29712 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATSAMG54N19B-AU

PART NUMBER	ATSAMG54N19B-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	29712 pcs
DATA SHEET	 1.ATSAMG54N19B-AU.pdf  2.ATSAMG54N19B-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.45 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	96MHz
SERIES	SAM G54
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM G54 Microcontroller IC 32-Bit 96MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	ATSAMG54N19

Related Tags

Micrel / Microchip Technology ATSAMG54N19B-AU	ATSAMG54N19B-AU Distributor	ATSAMG54N19B-AU Supplier
ATSAMG54N19B-AU Price	ATSAMG54N19B-AU Pictures	ATSAMG54N19B-AU Image
ATSAMG54N19B-AU PDF Datasheet	ATSAMG54N19B-AU Download Datasheet	ATSAMG54N19B-AU Datasheet
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Related Products

 ATSAMG55J19A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 24518 pcs RFQ	 ATSAMG54G19B-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 33546 pcs RFQ
 ATSAMG55J19A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 22330 pcs RFQ	 ATSAMG55G19B-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 24889 pcs RFQ
 ATSAMG53N19B-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 46968 pcs RFQ	 ATSAMG55-XPRO Manufacturers: Micrel / Microchip Technology Description: SAMG55 XPLAINED PRO KIT In stock: 1932 pcs RFQ
 ATSAMG55G19A-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 22472 pcs RFQ	 ATSAMG55J19A-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 25872 pcs RFQ
 ATSAMG53G19B-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 28237 pcs RFQ	 ATSAMG53N19A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 33931 pcs RFQ
 ATSAMG54G19B-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 33435 pcs RFQ	 ATSAMG53G19B-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 35530 pcs RFQ