



Micrel / Microchip Technology



ATSAMG53N19A-AU

Part Number:	ATSAMG53N19A-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	 1.ATSAMG53N19A-AU.pdf
	 2.ATSAMG53N19A-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	33931 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 ATSAMG53N19A-AU

PART NUMBER	ATSAMG53N19A-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	33931 pcs
DATA SHEET	 1.ATSAMG53N19A-AU.pdf
	 2.ATSAMG53N19A-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	48MHz
SERIES	SAM G53
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 G53 Microcontroller IC 32-Bit 48MHz 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	ATSAMG53N19

Related Tags

Micrel / Microchip Technology ATSAMG53N19A-AU	ATSAMG53N19A-AU Distributor	ATSAMG53N19A-AU Supplier
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Related Products

 ATSAMG53G19B-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 35530 pcs RFQ	 ATSAMG51N18A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 39909 pcs RFQ
 ATSAMG53G19B-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 28237 pcs RFQ	 ATSAMG54N19B-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 29712 pcs RFQ
 ATSAMG55-XPRO Manufacturers: Micrel / Microchip Technology Description: SAMG55 XPLAINED PRO KIT In stock: 1932 pcs RFQ	 ATSAMG53G19A-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 40314 pcs RFQ
 ATSAMG53N19B-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 46968 pcs RFQ	 ATSAMG53G19A-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 39159 pcs RFQ
 ATSAMG54G19B-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 33546 pcs RFQ	 ATSAMG54G19B-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 33435 pcs RFQ
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