

ATSAMG54N19B-AU



Part Number: [ATSAMG54N19B-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 100LQFP

Data sheet:  [SAM G54G, G54N Datasheet](#)
 [SAM G54G, G54N Summary](#)

RoHs Status: Lead free / RoHS Compliant

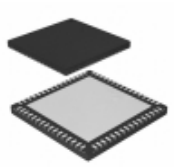
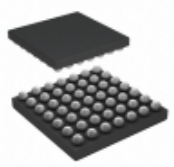
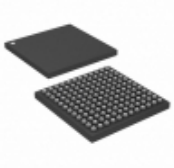
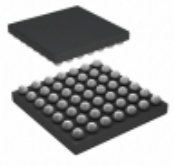
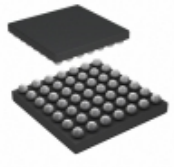
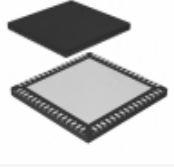
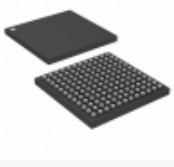
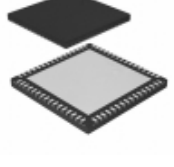
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PRODUCT PARAMETER			
Part Number	ATSAMG54N19B-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	36529 pcs	Data sheet	SAM G54G, G54N Datasheet SAM G54G, G54N Summary
Category	Integrated Circuits (ICs)	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, I ² S, 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)	Manufacturer Standard Lead Time	5 Weeks
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	I ² C, SPI, UART/USART	Base Part Number	ATSAMG54N19
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	Part#: ATSAMG55J19B-AU Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMG54G19B-UUT Description: IC MCU 32BIT 512KB FLASH 49WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMG53N19A-AU Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMG55G19B-UUT Description: IC MCU 32BIT 512KB FLASH 49WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMG51N18A-AU Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMG55J19A-AUT Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMG55J19A-MU Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMG55J19A-MUT Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMG53N19B-AU Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMG53G19B-UUT Description: IC MCU 32BIT 512KB FLASH 49WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATSAMG54N19B-AU

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