

ATSAMG55J19A-AU



Part Number: [ATSAMG55J19A-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 64LQFP

Data sheet:  [SAM G55 Complete Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

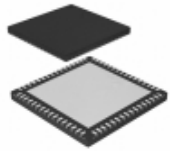
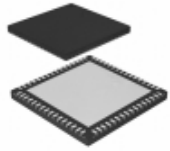
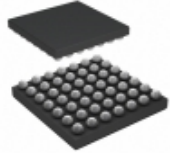
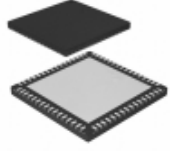
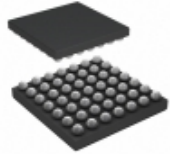
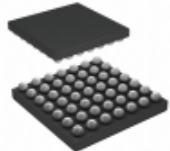
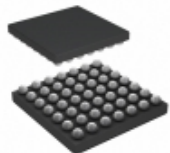
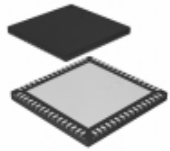
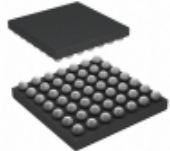
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMG55J19A-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24679 pcs	Data sheet	SAM G55 Complete Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	120MHz
Series	SAM G55	RAM Size	176K 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	64-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	48
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®-M4 SAM G55 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 8x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I ² C, SPI, UART/USART, USB	Base Part Number	ATSAMG55J19
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