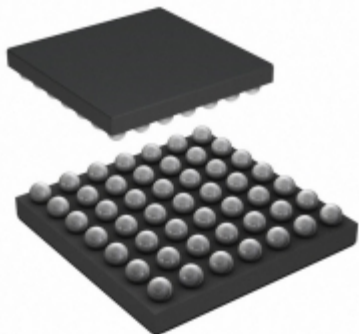


ATSAMG55G19A-UUT





Part Number:

ATSAMG55G19A-UUT

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 512KB FLASH 49WLCSP

Data sheet:

 [SAM G55G,J Summary](#)

 [SAM G55G,J Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

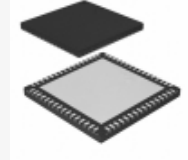
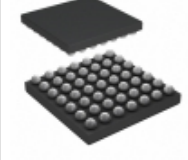
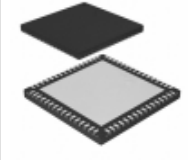
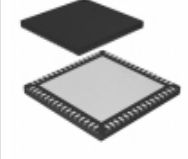
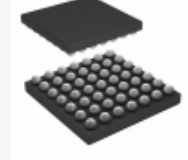
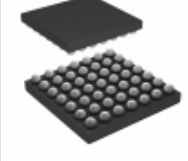
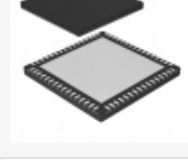
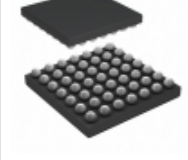
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ATSAMG55G19A-UUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 49WLCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31651 pcs	Data sheet	SAM G55G,J Summary SAM G55G,J Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	49-WLCSP (2.84x2.84)	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	Cut Tape (CT)
Package / Case	49-UFBGA, WLCSP	Other Names	ATSAMG55G19A-UUTCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	38	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	8 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 49-WLCSP (2.84x2.84)
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	ATSAMG55G19		

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	Part#: ATSAMG55J19A-MUT Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMG53G19A-UUT Description: IC MCU 32BIT 512KB FLASH 49WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMG51N18A-AU Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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