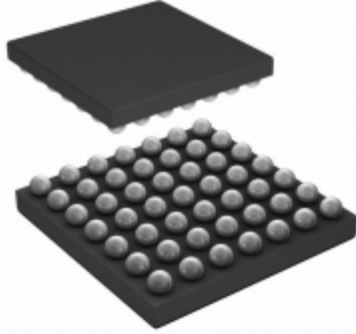


ATSAMG51G18A-UUT





Part Number: [ATSAMG51G18A-UUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32Bit 256KB FLASH 49WLCSP

Data sheet:  [SAMG51 Series Summary](#)

RoHs Status: Lead free / RoHS Compliant

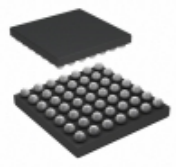
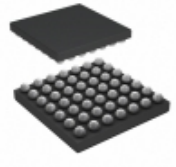
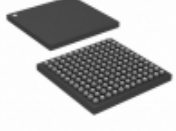
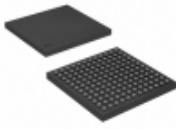
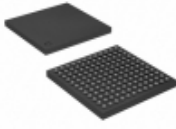
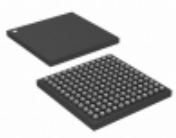
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ATSAMG51G18A-UUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32Bit 256KB FLASH 49WLCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39492 pcs	Data sheet	SAMG51 Series Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 2 V
Supplier Device Package	49-WLCSP (2.84x2.84)	Speed	48MHz
Series	SAM G51	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	49-UFBGA, WLCSP	Other Names	ATSAMG51G18A-UUTTR
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	9 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 SAM G51 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 49-WLCSP (2.84x2.84)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATSAMG51G18		
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	Part#: ATSAMG55G19A-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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	Part#: ATSAME70Q21B-CFNT Description: IC MCU 32BIT 2MB FLASH 144UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAME70Q21B-ANT Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMG53G19B-UUT Description: IC MCU 32BIT 512KB FLASH 49WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMG53G19A-UUT Description: IC MCU 32BIT 512KB FLASH 49WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAME70Q21A-CNT Description: IC MCU 32BIT 2MB FLASH 144LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMG55-XPRO Description: SAMG55 XPLAINED PRO KIT	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAME70Q21B-CN Description: IC MCU 32BIT 2MB FLASH 144LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATSAMG51G18A-UUT

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