

ATSAMG55G19B-UNT Information


For Reference Only

Part Number [ATSAMG55G19B-UNT](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description WLCSP MRL B 105C TEMP T&R
Package 49-UFBGA, WLCSP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


ATSAMG55G19B-UNT Specifications

Manufacturer Part Number	ATSAMG55G19B-UNT
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	49-UFBGA, WLCSP
Series	SAM G55
Core Processor	ARM® Cortex®-M4
Core Size	32-Bit
Speed	120MHz
Connectivity	I²C, SPI, UART/USART, USB
Peripherals	DMA, I²S, POR, PWM, WDT
Number of I/O	38
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	176K x 8
Voltage - Supply (Vcc/Vdd)	1.62V ~ 3.6V
Data Converters	A/D 8x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	Surface Mount
Package / Case	49-UFBGA, WLCSP
Supplier Device Package	49-WLCSP (2.84x2.84)
	Report errors?

ATSAMG55G19B-UNT Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

ATSAMG55G19B-UNT Payment Methods



ATSAMG55G19B-UNT Shipping Methods



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