

ATSAMHA1G14A-MBT Information


For Reference Only

Part Number [ATSAMHA1G14A-MBT](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC SBC LIN MCU 16KB FLASH 48QFN
Package 48-VFQFN Exposed Pad
 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.


ATSAMHA1G14A-MBT Specifications

Manufacturer Part Number	ATSAMHA1G14A-MBT
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	48-VFQFN Exposed Pad
Series	Automotive, AEC-Q100, SAM HA1
Core Processor	ARM® Cortex®-M0+
Core Size	32-Bit
Speed	48MHz
Connectivity	I ² C, LINbus SBC, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Number of I/O	32
Program Memory Size	16KB (16K x 8)
Program Memory Type	FLASH
EEPROM Size	512 x 8
RAM Size	4K x 8
Voltage - Supply (V _{cc} /V _{dd})	0 V ~ 3.8 V
Data Converters	A/D 13x12b, D/A 1x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TC)
Mounting Type	-
Package / Case	48-VFQFN Exposed Pad
Supplier Device Package	48-VQFN (7x7)

[Report errors?](#)

ATSAMHA1G14A-MBT 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.

ATSAMHA1G14A-MBT Payment Methods



ATSAMHA1G14A-MBT Shipping Methods



If you have any question about ATSAMHA1G14A-MBT, please do not hesitate to contact us!

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