

**ATSAMR21G18A-MF Information**


For Reference Only

**Part Number** [ATSAMR21G18A-MF](#)  
**Manufacturer** Microchip Technology  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC RF TXRX+MCU ISM>1GHZ 48-VFQFN  
**Package** 48-VFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**ATSAMR21G18A-MF Specifications**

Manufacturer Part Number	<a href="#">ATSAMR21G18A-MF</a>
Manufacturer	Microchip Technology
Category	RF/IF and RFID <a href="#">RF Transceiver ICs</a>
Package	48-VFQFN Exposed Pad
Series	SMART? SAM R21
Type	TxRx + MCU
RF Family/Standard	General ISM < 1GHz
Protocol	-
Modulation	O-QPSK
Frequency	2.4GHz
Data Rate (Max)	250kbps
Power - Output	4dBm
Sensitivity	-99dBm
Memory Size	256kB Flash, 32kB SRAM
Serial Interfaces	I2C, SPI, UART, USART, USB
GPIO	28
Voltage - Supply	1.8 V ~ 3.6 V
Current - Receiving	11.3mA ~ 11.8mA
Current - Transmitting	7.2mA ~ 13.8mA
Operating Temperature	-40°C ~ 125°C
Package / Case	48-VFQFN Exposed Pad

[Report errors?](#)

## ATSAMR21G18A-MF 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.

## ATSAMR21G18A-MF Payment Methods



## ATSAMR21G18A-MF Shipping Methods



If you have any question about ATSAMR21G18A-MF, please do not hesitate to contact us!

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