

ATSAMR21E18A-MU Information


For Reference Only

Part Number [ATSAMR21E18A-MU](#)
Manufacturer Microchip Technology
Category RF/IF and RFID
[RF Transceiver ICs](#)
Description IC RF TXRX+MCU ISM>1GHZ 32-VFQFN
Package 32-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.


ATSAMR21E18A-MU Specifications

Manufacturer Part Number	ATSAMR21E18A-MU
Manufacturer	Microchip Technology
Category	RF/IF and RFID RF Transceiver ICs
Package	32-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	16
Voltage - Supply	1.8 V ~ 3.6 V
Current - Receiving	11.3mA ~ 11.8mA
Current - Transmitting	7.2mA ~ 13.8mA
Operating Temperature	-40°C ~ 85°C
Package / Case	32-VFQFN Exposed Pad

[Report errors?](#)

ATSAMR21E18A-MU 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.

ATSAMR21E18A-MU Payment Methods



ATSAMR21E18A-MU Shipping Methods



If you have any question about ATSAMR21E18A-MU, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com