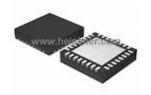


# **ATSAMR21E16A-MF**

### **ATSAMR21E16A-MF Information**



For Reference Only

Part NumberATSAMR21E16A-MFManufacturerMicrochip TechnologyCategoryRF/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.









# **ATSAMR21E16A-MF Specifications**

Manufacturer Part Number	ATSAMR21E16A-MF
Manufacturer	Microchip Technology
Category	RF/IF and RFID
	RF Transceiver ICs
Package	32-VFQFN Exposed Pad
Series	SMART? SAM R21
Туре	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	64kB Flash, 8kB 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 ~ 125°C
Package / Case	32-VFQFN Exposed Pad
	Report errors?

#### **ATSAMR21E16A-MF Guarantees**



#### **Ouality 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.

### **ATSAMR21E16A-MF Payment Methods**



















### **ATSAMR21E16A-MF Shipping Methods**













If you have any question about ATSAMR21E16A-MF, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com