

**SM220UF1 Information**


For Reference Only

**Part Number** [SM220UF1](#)  
**Manufacturer** Synapse Wireless  
**Category** RF/IF and RFID  
[RF Transceiver Modules](#)  
**Description** RF TXRX MOD 802.15.4 CHIP + U.FL  
**Package** 64-SMD Module  
 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.


**SM220UF1 Specifications**

Manufacturer Part Number	<a href="#">SM220UF1</a>
Manufacturer	Synapse Wireless
Category	RF/IF and RFID <a href="#">RF Transceiver Modules</a>
Package	64-SMD Module
Series	SNAP? RF Engine?
RF Family/Standard	802.15.4
Protocol	-
Modulation	DSSS, O-QPSK
Frequency	2.4GHz
Data Rate	2Mbps
Power - Output	20dBm
Sensitivity	-103dBm
Serial Interfaces	I2C, JTAG, SPI, UART
Antenna Type	Integrated, Chip + U.FL
Memory Size	128kB Flash, 4kB EEPROM
Voltage - Supply	2 V ~ 3.6 V
Current - Receiving	7.8mA ~ 22mA
Current - Transmitting	55mA ~ 150mA
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 85°C
Package / Case	64-SMD Module

[Report errors?](#)

## SM220UF1 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.

## SM220UF1 Payment Methods



## SM220UF1 Shipping Methods



If you have any question about SM220UF1, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)