

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


[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	SM220UF1
Manufacturer	Synapse Wireless
Category	RF/IF and RFID RF Transceiver Modules
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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