

SM220UF1

Part Number: **SM220UF1**
 Product Description: RF TXRX MOD 802.15.4 CHIP + U.FL
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [SM220UF1.pdf](#)













Manufacturer/Brand: Synapse Wireless
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Product details

Part Number	SM220UF1	Manufacturer	Synapse Wireless
Description	RF TXRX MOD 802.15.4 CHIP + U.FL	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	SM220UF1.pdf		
Voltage - Supply	2 V ~ 3.6 V	Utilized IC / Part	-
Series	SNAP® RF Engine®	Serial Interfaces	I ² C, JTAG, SPI, UART
Sensitivity	-103dBm	RF Family/Standard	802.15.4
Protocol	-	Power - Output	20dBm
Packaging	Tape & Reel (TR)	Package / Case	64-SMD Module
Other Names	746-1053-2	Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Modulation	DSSS, O-QPSK	Memory Size	128kB Flash, 4kB EEPROM
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Frequency	2.4GHz
Data Rate	2Mbps	Current - Transmitting	55mA ~ 150mA
Current - Receiving	7.8mA ~ 22mA	Antenna Type	Integrated, Chip + U.FL

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