

SM220UF1



Part Number: [SM220UF1](#)
Manufacturer: [Synapse Wireless](#)
Description: RF TXRX MOD 802.15.4 CHIP + U.FL
Data sheet: [RF SM220 Module Datasheet](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
 See Product Specifications for product details.
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PRODUCT PARAMETER

| | |
|---|----------------------------------|
| 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 |
| Quantity Available | 5101 pcs |
| Product Photo | SM220UF1.jpg |
| Category | RF/IF and RFID |
| Voltage - Supply | 2 V ~ 3.6 V |
| Utilized IC / Part | - |
| Series | SNAP® RF Engine® |
| Serial Interfaces | PC, 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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| | Part#: SM20R1575 Description: FERRITE HINGED 33.70MM X 1.30MM | Manufacturers: Leader Tech Inc. In Stock: 10623 | RFQ |
| | Part#: SM23B333K202A Description: CAP CER 0.033UF 2KV X7R RADIAL | Manufacturers: KEMET In Stock: 826 | RFQ |
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