



HC12

Flyrobo HC-12 433 SI4463 Wireless Serial Module Electronic Components Electronic Hobby Kit



- IEEE 802.15.4g compliant
- Frequency range = 119-1050 MHz
- Receive sensitivity = -126 dBm
- Serial TTL (RX, TX, GND) interface
- Modulation (G)FSK, 4(G)FSK, (G)MSK, OOK
- Max output power +20 dBm
- Low active power consumption 10/13 mA RX, 18 mA TX at +10 dBm
- Ultra-low current power-down modes 30 nA shutdown, 50 nA standby
- Data rate = 100 bps to 1 Mbps
- Fast wake and hop times
- The highly configurable packet handler
- TX and RX 64 byte FIFOs
- Auto frequency control (AFC)
- Automatic gain control (AGC)
- Low BOM
- Low battery detector
- FCC Part 90 Mask D, FCC part 15.247, 15,231, 15,249, ARIB T-108, T-96, T-67, RCR STD-30, China regulatory
- ETSI Class-I Operation with SAW