

## Work Principle

**Applicant: Channel Enterprises(HK)Ltd.**

**FCC ID:WD31516**

The Retractable Bluetooth Headset includes RF IC BC6130 and its processing circuits.

BC6130 QFN is a product from CSR's Connectivity Centre. It is a low-cost fully featured ROM IC solution for mono headsets with extremely low power consumption. It contains a Bluetooth radio, baseband, DAC/ADC, AuriStream codec, linear regulators, switch-mode power supply and battery charger in a compact QFN package for low-cost designs.

BC6130 QFN includes a configurable echo and noise reduction feature in hardware which reduces headset echo and wind noise allowing the headset user to be heard more clearly. BC6130 QFN can connect to 2 phones simultaneously.

The Retractable Bluetooth have a USB, and it is using only connect a USB port for charging.