

Operation Description

The device (U12-C0169F) powered by DC 3.0V 2x1.5V CR2025 lithium coin cell. When plug in battery, nRF8002 (IC) reset, oscillating circuit working by crystal X1 (16MHz), produce 16MHz signal to MCU(nRF8002).

MCU enter into normal condition, LED lighting indicate working, MCU uses 16MHz signal as reference signal, produce Radio signal, through LC circuit to antenna and transmitting.

When the link interrupted, MCU gives command, LED light off.