

## Schematic Description

1. Press S1 key to power on, through U1, L4, & C20 the battery voltage is converted from 4.2V to 1.8V for service to components
2. The signal from MIC is sent to U1 through C1 & C3, then converted into digital signal before transmitted through R4, L1, and the antenna
3. Incoming signal, through L1 & R4, is sent to U1 for decoding, then through U1, PIN1, & PIN2 it is fed to SPK in original sound
4. Charging voltage passes through TP11 & D2 before going through U1 to charge the battery