

Circuit Description

SX-919 is a Mono Bluetooth headset, the main IC IS1636N made by ISSC. IS1636N contains two functions: Baseband and RF band. Base band deals with Audio process, power management, memory, clock circuit, etc. RF band deals with radio signal process.

Audio Match Circuit receives simulation audio signal from mobile connector, and adjust the signal, and then to main IC. 16MHz crystal generates main clock. Main IC outputs RF signal. It passes through a balun filter, the power amplifier and the band pass filters. The electric switcher complied the switch between output and input. Antenna type is PIFA.