

Operational Description

X1 is the 16MHz crystal that feed into 1601N/U3 . The system own 2 major chipset, one the IS 1601N/RF tranceiver, the other one is IS1010N/Baseband IC these are provided by ISSC. RF tranceiver works in 2.4GHz ISM band, GFSK modulation,. the battery uses Li-on battery.

The product is the mono headset, which the audio band is 20-2KHz, The antenna is a PCB antenna, with omini direction, 0.2-1 db gain, others specification meets Bluetooth.

C9 and L1 is the antenna matching circuit.R24 ,C25 and C27 is the loop filter circuits to lower down the internal 5GHz VCO radiation.