

## Technical Description

The brief circuit description is listed as below:

- 1) U1 acts as Radio IC (BK1088).
- 2) U2 acts as MCU (CRM301).
- 3) U3 acts as Bluetooth Module(CSR8615).
- 4) IC5 acts as Voltage Regulator.
- 5) IC1 acts as Audio Amplifier (XPT6875).
- 6) XT1 is 26MHz crystal oscillator providing clock for U3.
- 7) XTAL1 is 32.768KHz crystal oscillator providing clock for U2

**Antenna Type:** Internal antenna

**Antenna Gain:** 0dBi

**Nominal rated field strength:** 93.9dB $\mu$ V/m at 3m

**Maximum allowed field strength of production tolerance:** +/- 3dB