

## **Technical Description**

**The brief circuit description is listed as below:**

- 1) U1 acts as 2.4GHz RF Module (x2453).**
- 2) U2 acts as Sound IC (NY3P010BS8).**
- 3) U3 acts as Driver Motor IC (xl9110s).**
- 4) U4 acts as DC/DC Boost Converter (ME2108)**
- 5) Y1 acts as Crystal for U1.**

**Antenna Type: Internal antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 81.3 dB $\mu$ V/m at 3m**

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