

## **Technical Description**

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

- 1) U1 acts as 2.4GHz RF module that consist MCU (RF24G228).**
- 2) Y2 is 12MHz crystal oscillator providing clock for U1.**
- 3) U3 acts as motor driver (CP2120).**
- 4) U2 & U7 act as DC converter (CP6201, ME6209A33PG).**
- 5) U4 acts Motor Driver (MX214B).**

**Antenna Type: Internal antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 81.9dB $\mu$ V/m at 3m**

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