

## Technical Description

The brief circuit description is listed as below:

- 1) U1 acts as Voltage Regulator (LC1206 SOT-23 3.0).
- 2) U2 acts as 2.4GHz RF transceiver module (XN297).
- 3) U3 acts as MCU (N79E855A).
- 4) Y1 is 16MHz crystal oscillator providing clock for U2.
- 5) M1, M2, M3 and M4 act as Motor Driver.

**Antenna Type: Internal antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 89.6 dB $\mu$ V/m at 3m**

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