

Technical Description

The brief circuit description is listed as below:

- 1) U1 acts as Voltage Regulator (LC1206 SOT-23 3.0).**
- 2) U3 acts as 2.4GHz RF transceiver module.**
- 3) U4 acts as motion processor.**
- 4) X1 is 24MHz crystal oscillator providing clock for U3.**
- 5) Q6, Q7, Q8 and Q9 act as Motor Driver.**

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength: 94.1 dB μ V/m at 3m

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