

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 μ V/m at 3m

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