Technical Description

The brief circuit description is listed as below:

1) U1 acts as Voltage Regulator (LC1206 3.0V).
2) U2 acts as MCU (PMC232-S14).
3) U3 acts as motor and steering engine motor driver (TZ5505S).
4) CON1 acts as 2.4GHz RF Module(CWDP23-B3A 2.4G).
5) X1 is 16MHz crystal oscillator providing clock for U2.

Antenna Type: Internal integral antenna
Antenna Gain: 4dBi
Nominal rated field strength: 83.8dBμV/m at 3m
Maximum allowed field strength of production tolerance: +/- 3dB