

## **Technical Description**

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

- 1) U1 acts as MCU (IC-N572F072-75).**
- 2) Y1 is 32.768kHz crystal oscillator providing clock for U1.**
- 3) U2 acts as start driver (EI117)**
- 4) U3 acts as Voltage Regulator (LDO-3V3).**
- 5) PCB1 acts 2.4GHz Module Circuit (RF2G4-REV05).**
- 6) X1 is 16MHz crystal oscillator providing clock for PCB1.**

**Antenna Type: Internal antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 90.5dB $\mu$ V/m at 3m**

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