

## **Technical Description**

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

- 1) U1 acts as 2.4GHz RF transceiver module (PP0004:2.4G).**
- 2) Y2 is 12MHz crystal oscillator providing clock for U1.**
- 3) U2 acts as Voltage Regulator (ME6209A33PG).**
- 4) U3 acts as MCU (PP0003:2.4G).**

**Antenna Type: Internal antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 95.8dB $\mu$ V/m at 3m**

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