

## **Technical Description**

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

- 1) U1 acts as Voltage Regulator (LC1206SOT-23 3.0).**
- 2) U2 acts as 2.4GHz RF transceiver module (XN297).**
- 3) Y1 acts as 16MHz crystal oscillator providing clock for U2.**
- 4) U3 acts as MCU (N79E855A).**

**Antenna Type: Internal antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 97.1dB $\mu$ V/m at 3m**

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