

## Technical Description

The brief circuit description is listed as below:

- 1) U1 acts as 2.4GHz RF transceiver module (RS14144TX).
- 5) Y1 is 12MHz crystal oscillator providing clock for U1.
- 2) J1 acts as MCU.
- 3) U1 acts as Voltage Regulator.

**Antenna Type: Internal antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 94.3dB $\mu$ V/m at 3m**

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