

Technical Description

The brief circuit description is listed as below:

- 1) U2 acts as Voltage Regulator (ME6209 3.3V).**
- 2) U1 acts as MCU (PMC232-S20).**
- 3) U3 acts as Linear Charger (ETA4054).**
- 4) U4 acts as DC-to-DC step down switching regulator. (ETA1483).**
- 5) CON1 acts as 2.4GHz RF Module(CWDP23-BA3 2.4G).**
- 6) J1 acts as Micro USB socket.**
- 7) X1 is 16MHz crystal oscillator providing clock for U1.**

Antenna Type: Internal integral antenna

Antenna Gain: 4dBi

Nominal rated field strength: 94.8dB μ V/m at 3m

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