

Technical Description

The brief circuit description is listed as below:

- 1) U1 acts as MCU (PMC234).
- 2) U2 acts as Voltage Regulator (LC1218).
- 3) U3 (PE6069) and U4 (ETA1483) act as current control.
- 4) M1 acts as 2.4GHz RF transceiver module (XN297).
- 5) Y1 is 16MHz crystal oscillator providing clock for M1.

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength: 96.3dB μ V/m at 3m

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