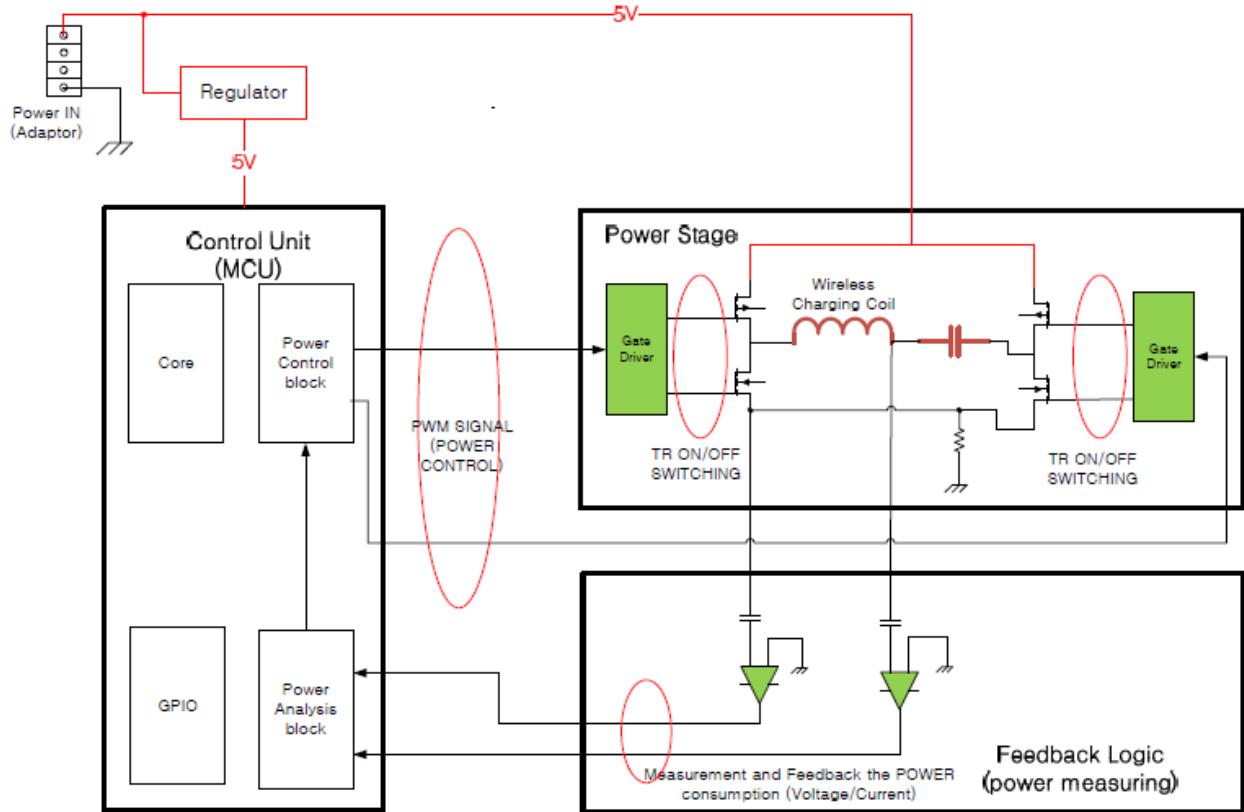


Operation Description for IWC-100

1. Hardware Block Diagram



2. General

It supports low power battery charging below 10 Watt as an intermediary between adaptor and Smartphone. Input DC power from adaptor is transmitted to RX charging coil in Smartphone via TX charging coil of IWC-100 as form of induced current.

3. Operation

- Connect adaptor(input: AC100V~220V, output: DC 5V) to IWC-100
- Let target device(Smartphone) get near to Tx wireless charging coil within 5mm
- DC 5V via regulator is supplied to MCU. MCU drives Power Stage and decide on supplying voltage 5V go to Smartphone after analyzing drain power of load by Feedback Logic
- MCU controls LED light function based on stage of power consumption while wireless charging.