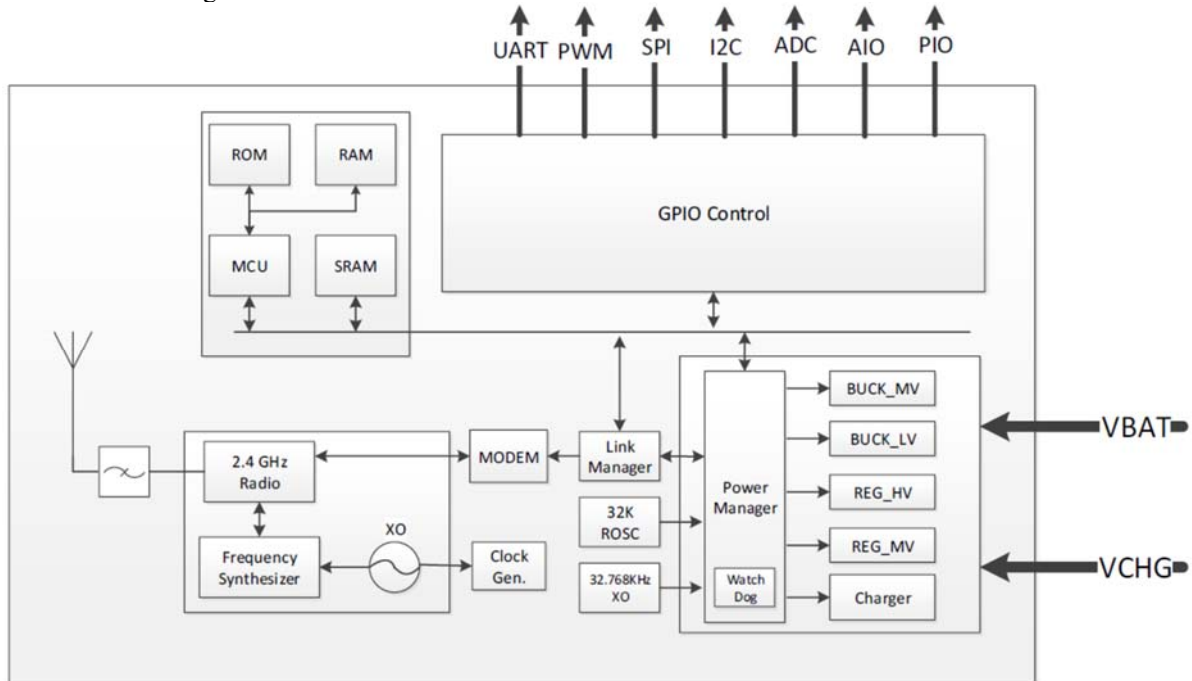# Operational Description

1. Block Diagram :

2. This This specification covers Bluetooth module which complies with Bluetooth specification version 4.2 and integrates RF & Baseband controller in small package. This Module has deployed Airoha AB1122 chipset.

3. Power Supply : DC 3.0 V

4. Operation Frequency : 2402 ~ 2480 MHz

5. Channel Spacing : 1 MHz (BDR/EDR) / 2 MHz (BLE)

6. Number of Channels : 79 (BDR/EDR) / 40 (BLE)

7. Modulation Type : FHSS

8. Antenna Type & Gain: PCB Pattern Antenna with Max Gain -0.63 dBi

9. Crystal : 16MHz
   (This crystal provides a clock signal for RF chip.)