

## **Working Theory**

Phone-Handsfree Device-MS operates in the 2.4GHz range, exactly between the 2.402GHz and the 2.480GHz. The maximum of covering range is 10m. and the antenna is the print antenna ,the gain is -2.36dBi. single chip Bluetooth IC is the center of the whole block, integrated the RF circuit and baseband-controlling circuit, and supplied ample interfaces. In the block, a embedded 26MHz crystal supplies timer clock for IC, and a embedded voltage regulator supplies 12.0V positive voltage for Balum etc.