

## **Circuit Description**

This product is handheld survey device with bluetooth communication module, the master control chip is ARM9-S3C2440-40 with a external 12MHz oscillator, and it is wireless communication between the external terminal through bluetooth wireless transmission technology, and it is connected to PC through USB port or RS-232 port.

For the bluetooth module, the transmission data modulated the MCU(DSP) which gets a digital modulation then passing through the MCU, working with 60MHz crystal for producing a signal to the RF module circuit carrying wave amplified by the amplifier and filter circuit unit, through the antenna then transmit out as 2402MHz to 2480MHz

1. DSP is the main functional control center, working with 60MHz crystal, deal with function control and other atate indication.
2. Tine frequency is a multiplied frequency to produce a extract HF signal.
3. RF module is used for producing digital modulation FHSS type.
4. The circuit with LCD display and touch panel function.