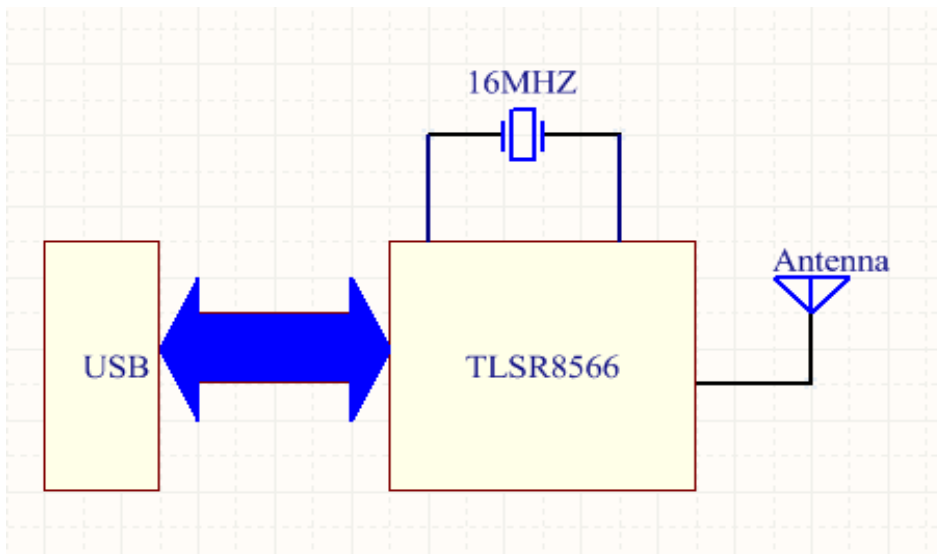# CIRCUIT DESCRIPTION

1.　　　　Dongle Block Diagram

2. The SOC chip of TLSR8566ET32 integrates an advanced RF transceiver, a powerful MCU. Which in charge of RF transceiver, system control.
3. Y1 provide a clock signal 16MHz for the MCU and RF TLSR8566ET32
4. Power Supply: DC 5V By battery ,which via a DC/DC conversion circuit to supply system Voltage.
5. Modulation type：MSK（Minimum frequency Shift Keying）
6. Frequency：2405MHz‐2470MHz
7. The PCB Antenna gain: -1dBi.
8. RF link data rate up to 2Mbps
9. Number of Working channels：8channels

Frequency list			
Channel	Frequency (MHz)	Channel	frequency (MHz)
1	2405	5	2440
2	2413	6	2450
3	2422	7	2460
4	2430	8	2470

10. Into EMI mode for mouse has three step:

 1 Push left & right & middle three buttons.

 2 power on.

 3 release the three buttons.

 Channel 1, 4, 8 were selected to test.

　　　1:　2405

　　　4:　2430

　　　8:　2470