

Circuit Describe:

1. The circuit operating frequency is 344.04MHz, the frequency is fixed. MCU shared 8MHz crystal oscillator with Rf ic .
2. This product is a transceiver, when not used as a transmitter, this product would be receiving signals all the time. When given transmitting signals it can be converted to fire status automatically.
3. **When at transmit status:** press the TEST button / have the hotshoe or camera flash interface a low level , MCU will transfer the processed digitally signal to Rf ic after receiving the high-low signals, the data would be sent by the antenna
4. **When at Receiving working condition:** The RF IC will transfer the signal to MCU after receiving the signal by antenna, then it has controls by the MCU on output status of hot shoe socket, camera / flash interface, flash interface, status light after the processing by MCU.
5. There is no changes on the frequency (344.04M) which 4CH switch gear corresponding to, but the data signal changes.