

Circuit description of 200R(Receiver) RX Part

200R(Receiver) also has two procedures – transmitting and receiving. Once antenna got signal, this signal should be filtered (LR5) and low noise amplified (BFG425), then demodulated into the signal that MCU (SN93330) can recognize. MCU will split out sound, video data, and send them to corresponding devices (sound amplifying 2068-IC2, TFT-LCD). POWER ON/OFF, TALK, VOL +/- and LEC ON/OFF can be adjusted by MCU.

MCU will return with acknowledge signal to transmitter once received signal is recognized. And it will go through demodulating (UR2), amplifying (UR1) and filtering (LR5).

Only on this way, transmitter will emit signal continuously.