

Circuit description of 200T (Transmitter) TX Part

There are transmitting and receiving procedure in 200T (Transmitter) working flow. First, MCU-SN93331 will quantify the amplified sound signal, pack them with digital video signal from-OV7670, then send to modulating/demodulating circuit(UR2) in order to corresponding RF signal. The signal will be amplified by AP1110 and go through filter BF2520, then emit by antenna.

Receiver will verify data and acknowledge 200T (Transmitter) once signal is received. If 200T (Transmitter) got the acknowledging signal, then signal will be preceded with filtering and low noise amplifying (BFG425). After that, signal will go on being demodulated and input to MCU to be recognized. 200T (Transmitter) will continue to transmit sound, video signal if correct.