

Explanation of NO.MR2D2TX

- 1) IC1 is USB Speaker IC. This IC receive digital audio data from USB. And this IC changes digital audio data to analog audio. And this IC sends audio to IC2.
- 2) IC2 is DTMF (Dual-Tone Multi-Frequency) decoder IC. When this IC receive Effective DTMF from IC1, It makes 15pin of itself High level. Then TR1 turn on. And this IC output DTMF code as binary (11-14pin).
- 3) IC3 is decoder IC. When TR1 turn on, this IC is active. This IC changes binary to pin output. This IC gives a stimulus to the port of each command of IC4 by PIN output with Diodes (D10-17).
- 4) IC4 is encoder for Radio Control Command. By the command port that received the stimulus, this IC encodes a command. And it sends code of command to RF-transmitting circuit.
- 5) TR2 and TR3 form RF-Transmitting circuit. TR2 generates a carrier as crystal oscillation circuit. TR3 modulates carrier and a command of Radio Control as Amplitude modulator. And TR3 sends Radio Frequency to Antenna.