

Circuit Description of transmitter

Description of circuit:

1. IC U1 is a Multimedia audio decoded chip and also is a mp3 decoded IC of USA.SIGMATEL Company. Model is STMP3504 of built-in power supply management controller.
2. Local oscillator of Multimedia audio decoded chip is derived from the reference clock at the multimedia audio decoded chip 24MHz Crystal X1 XTAL_IN input. This reference is from a crystal connected between XTAL_IN and XTAL_OUT.
3. Supply the MIC with a DC bias through a resistor, the MIC has a built-in MIC amplifier.
4. J9 is USB, it directly connects interior of Multimedia audio decoded chip, and its speed is Full-speed USB2.0.
5. U6 is NAND FLASH for keeping process and memorizing all kinds of files.
6. U3 is Bluetooth module of CSR Company for Launching MP3 audio communications.
7. Function is key-press and LED indicator light.
8. Antenna is printing antenna.