

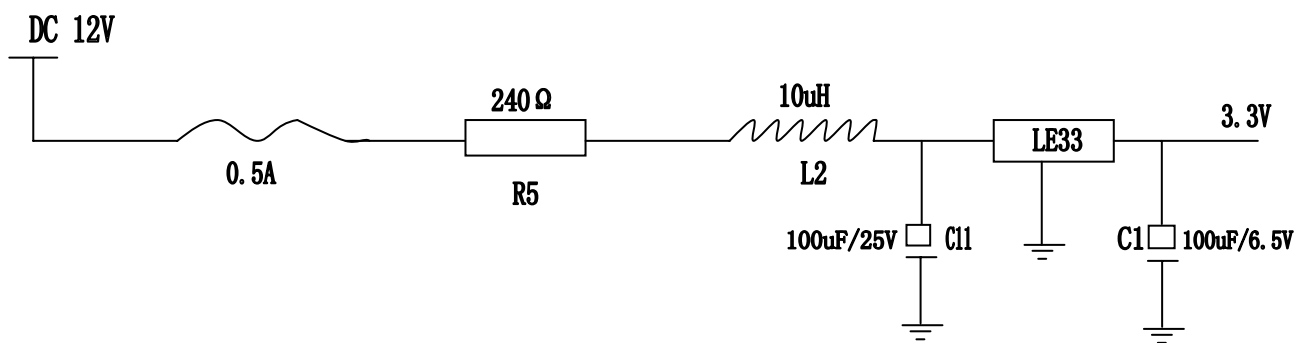
H101 Operation Description

System introduction

H101 is a FM transmitter. It transmits audio signals of portable audio player to FM and then received and played by vehicle FM receiver. H101 uses IC AST2522 for controlling radio frequency. The radio frequency is controlled by phase-locked loop and to be displayed by LCD.

1. Power circuit

DC 12V is derived from vehicle and then converted to DC 3.3V by below circuit.



2. Operation

3 keys for operation: ON/OFF switches transmission and LCD display. Press UP and DOWN to set frequency 88.1-107.9MHz.

3. Stereo coding

Audio signal via $\Phi 2.5$ or $\Phi 3.5$ input, the audio signals are coded by IC NJM2035, then modulated, amplified and finally transmitted by antenna.