

AVOHD900 Thoery of Operation

The Main Unit for realizing FM transmitting is U14 (BH1417). Once the FM mode was selected, the audio signal generated by DVD shall be sent to the U14 through Pin 1 and Pin 22. The carrier frequency can be regualted from 88.1 MHz to 88.9 MHz with 200 KHz channel separation by tuning the input of RF_OSC (Pin 9). The carrier frequency shall be modulated by the input audio signal through U14, then the FM signal shall be sent out throught the Pin 11 (RF_OUT) and coupled to the filtering circuit (C70, L11,C71, L12, C72, C68, L13) by C67, the FM signal was fininally emited out by antenna.