

Circuit Description of Z-139S

Model: Z-139S

Date: January, 25, 2000

FM Band:

Signal passed from antenna into the FM Band - RF Amp. Q2, Mixer Q1 and IF 10.7MHz through T1 / T2 into U1 for IF Amp., demodulation and Audio Amp. to Speaker.

Weather Band:

Signal passed from antenna into the Weather Band- RF Amp. Q9, Mixer Q10 together with Weather Band Oscillator Q8 and used SW5 for Channel selection, the IF 455KHz was Amplifier and demodulated by Q11, Q12, Q13 & Q14 passed the Instant Weather Band SW3 in the U1 Audio Amplifier to Speaker, at the same time FM band mute.