



1. Description of all active devices

This device is a FM transceiver used frequency modulation function.

The RF signal received with ANT is applied to IC6058 and amplified by RF input signal amplified.(input pin no. 1, output pin no. 3)

The signal is put into the 1st. mixer IC6058 through the pin no. 7 and no. 8.

Then the output frequency from the VCO IC3038 pin no. 7 and the phase of the frequency is compared with that of the frequency which is generated by the standard frequency generator in the phase compar.

The output from the IC145188 pin no. 13 enter the IC145166 pin no. 7 through roof filter.

The 1st. mixer mixes the output with the frequency from the VCO and the average frequency of the two is amplified by 1st IF amplifier.

The amplified average frequency is put-out through the IC3381 pin no. 6 and enter the 2nd mixer IC3381 pin no. 16 through the band pass filter CF.

The standard frequency generated by X2 enter into the IC3381 pin no. 1.

The amplified signal flows through the band pass filter CF2 and enter the amplitude limit amplifier IC3381 pin no. 3.

And the selector inside the IC3381 select the Audio signal which put out from the IC3381 pin no.9.

The audio signal flows through the VR and then the signal enter the audio AMP IC 6278 pin no.1.

The signal from IC6278 pin no.7 can be heard through the speaker system.

1-1 RX-PART

1-1-1 I.C.



Manufacturer : MOTOROLA

Parts Name : I.C MC336C 16pin

1-1-2 TR

