

1. Handset

1.1 TX

MIC signal output to RF-2.4-HS via pin 13(MIC),when TX signal is received , then processing via A/D, TXMOD,RF send TX to BASE.

1.2 RX

When RF receive the signal, after demodulation then send to baseband controller. baseband controller process the signal and transform to voice output to receiver

Related component:

C2 ,HANDSET, C5

2. Base

2.1 TX

Telephone line signal output to cancellation sidetone circuit Q3 enter into Q19 output RF-2.4-BB via pin 12(AF-IN) after amplified

2.2 RX

RF received the signal, after demodulation then send to RF-2.4-BB via pin 2 process the signal and transform to voice output to telephone line

Related components:

Q4,Q3,C24,R29,VR2,R18,R13...,

2.3 3.6V REGULATOR

After enter into D40 Q2 D5...etc,DC 9V will adjust to be 3.6v.i.e.vcc voltage

2.4 Ringer detection

After detection from Q1 R3 D3 output the NO 80 pin on U4

