

## 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-BS via pin 12(AF-IN) after amplified

### 2.2 RX

RF received the signal, after demodulation then send to RF-2.4-BS 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

