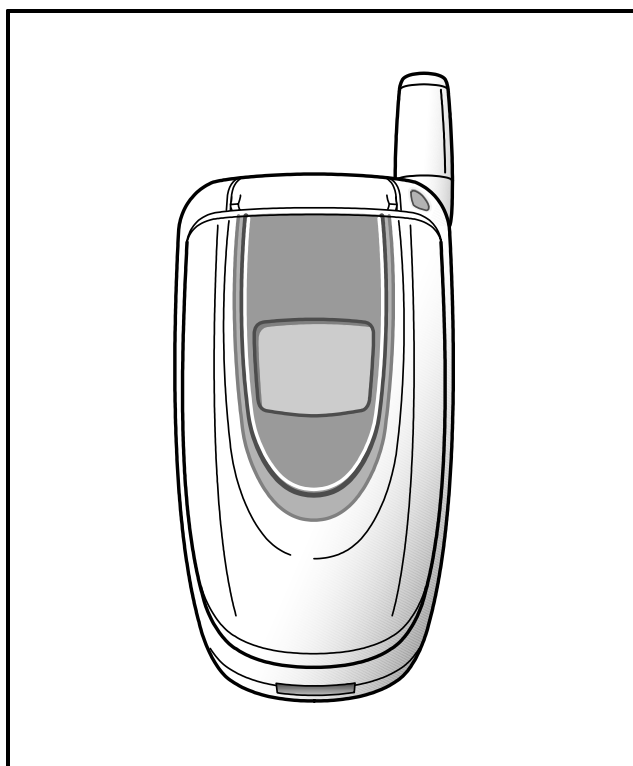


**SAMSUNG**

# GSM TELEPHONE SGH-E105

# ***SERVICE*** *Manual*

## GSM TELEPHONE

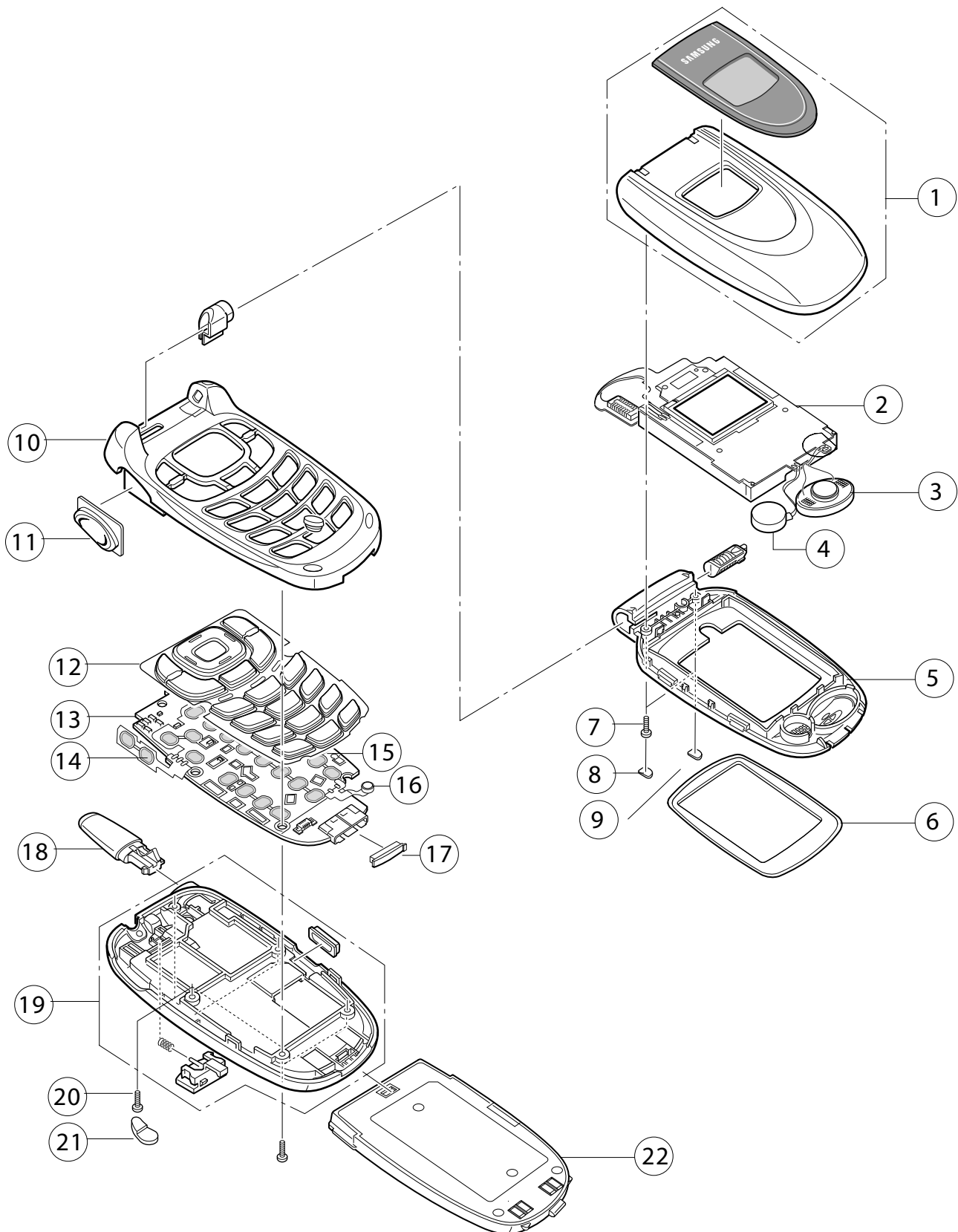


## CONTENTS

1. Specification
2. Exploded Views and Parts List
3. Electrical Parts List
4. Flow Chart of Troubleshooting
5. Block Diagrams
6. PCB Diagrams

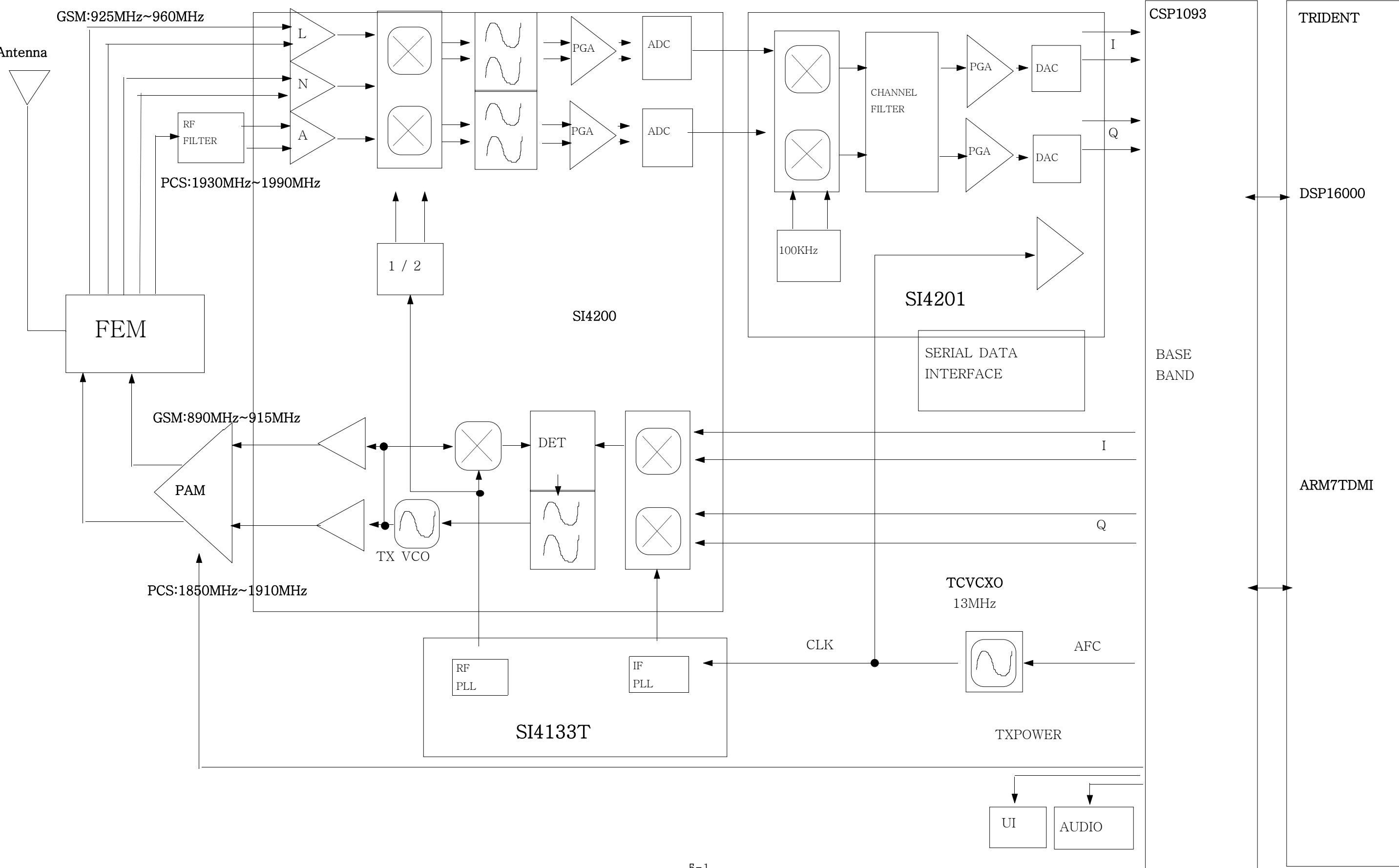
## 2. SGH-E105 Exploded View and its Parts list

### 1. Cellular phone Exploded View

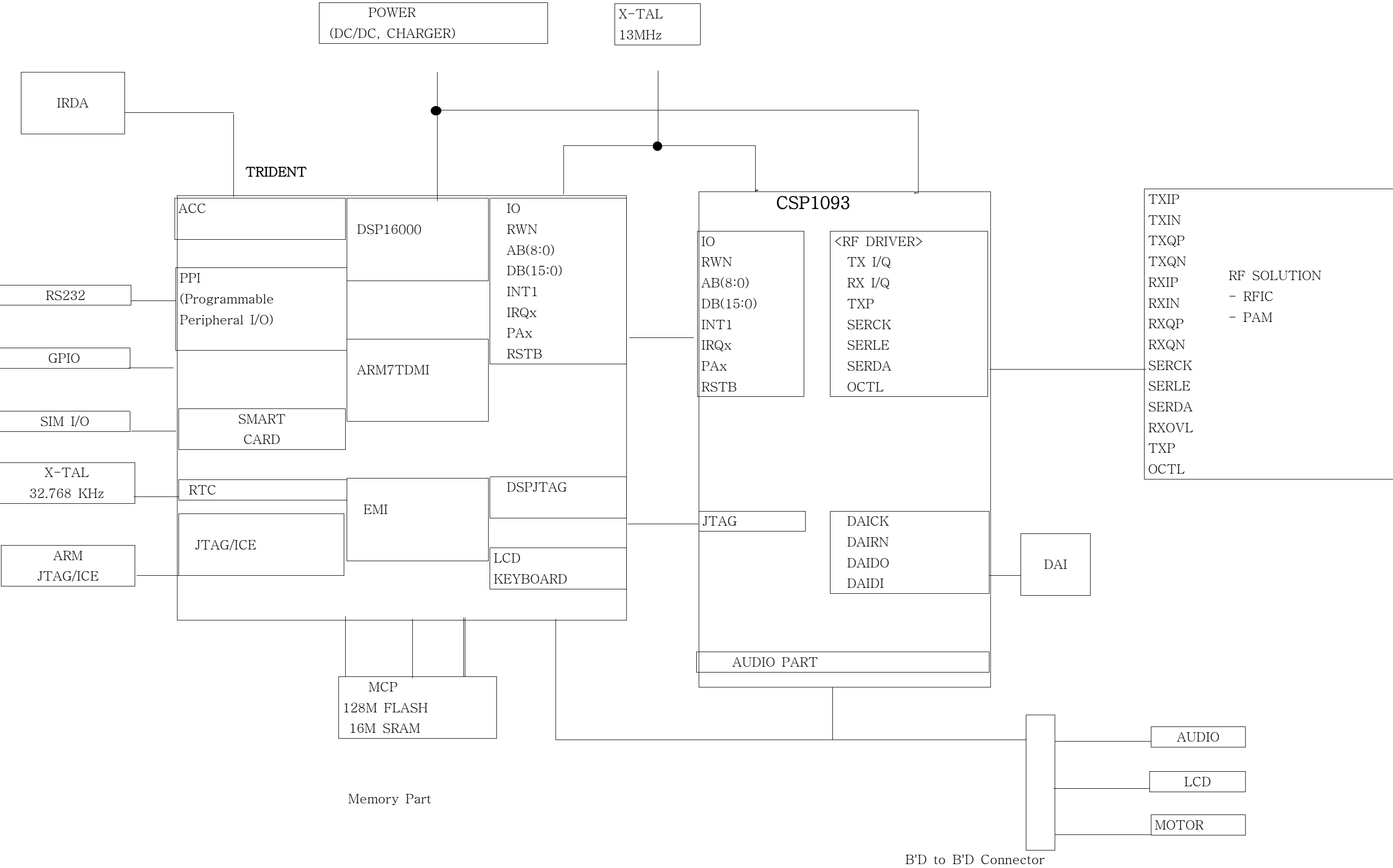


5. SGH-E105 Block Diagrams

1. RF Solution Block Diagram



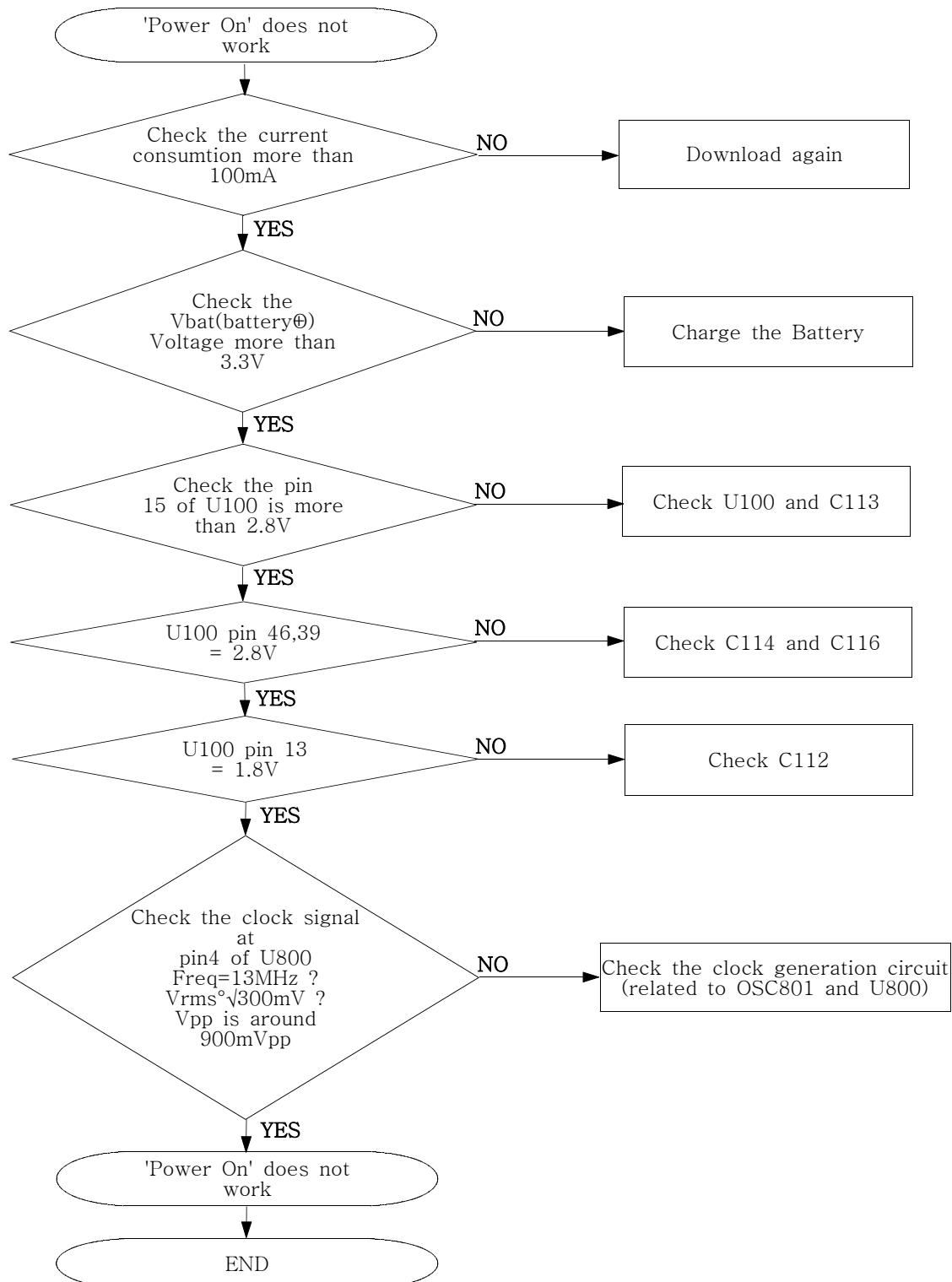
2. Base Band Solution Block Diagram



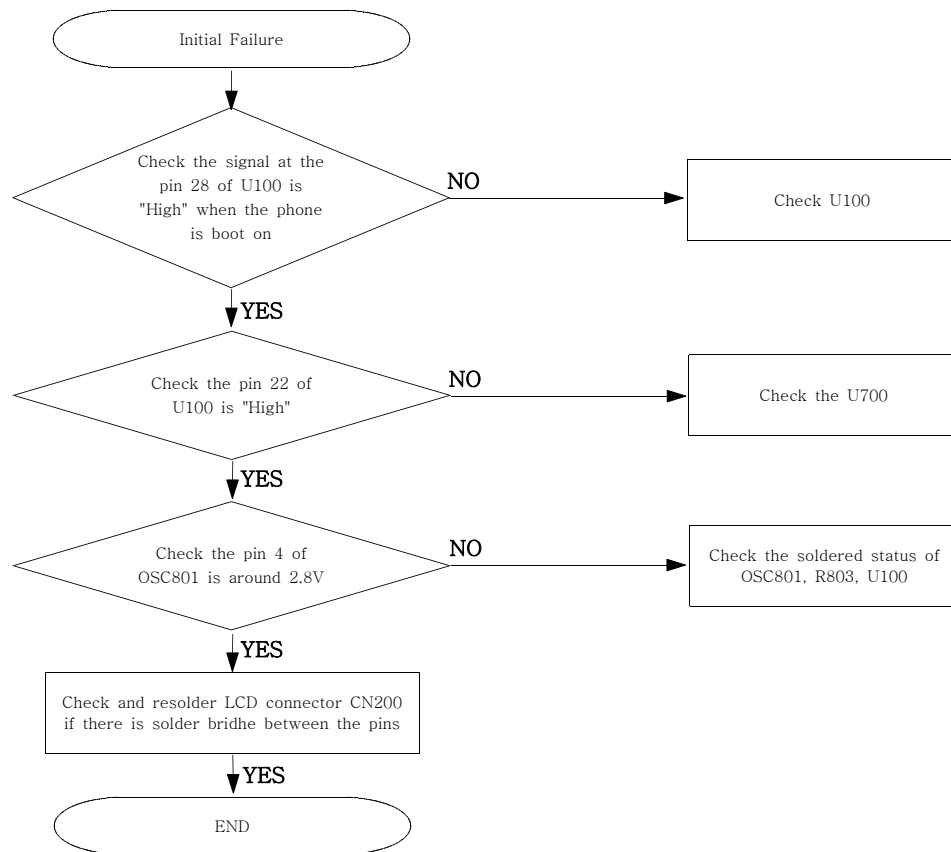
## 4. SGH-E105 Flow Chart of Troubleshooting and Circuit Diagrams

### 1.Baseband

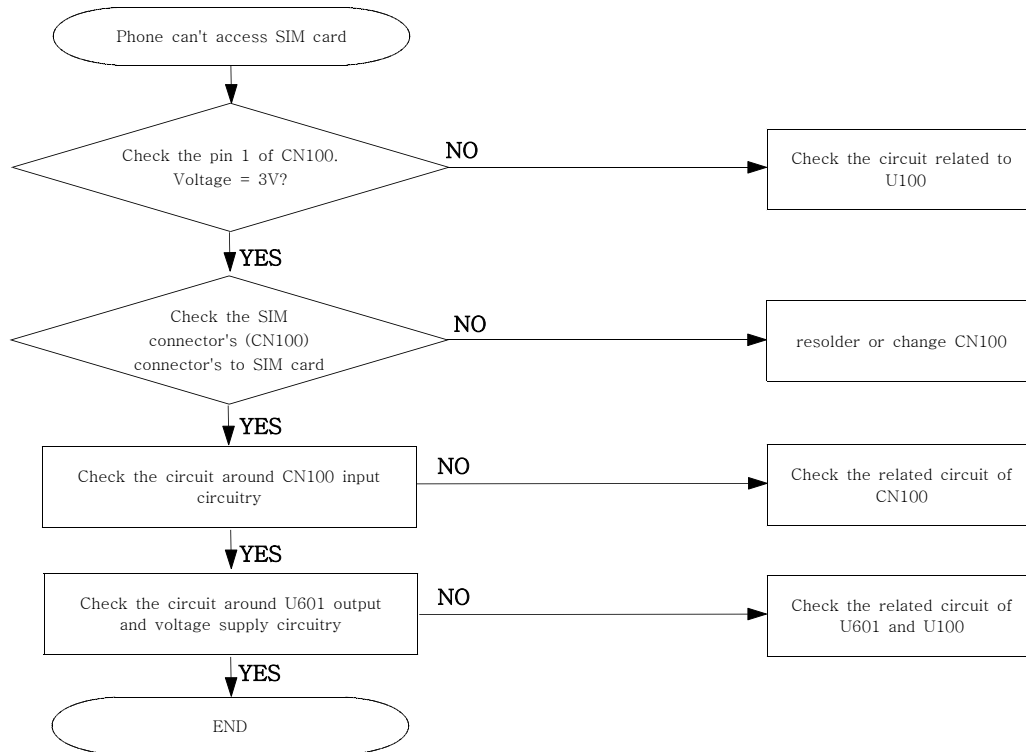
#### 1. Power ON



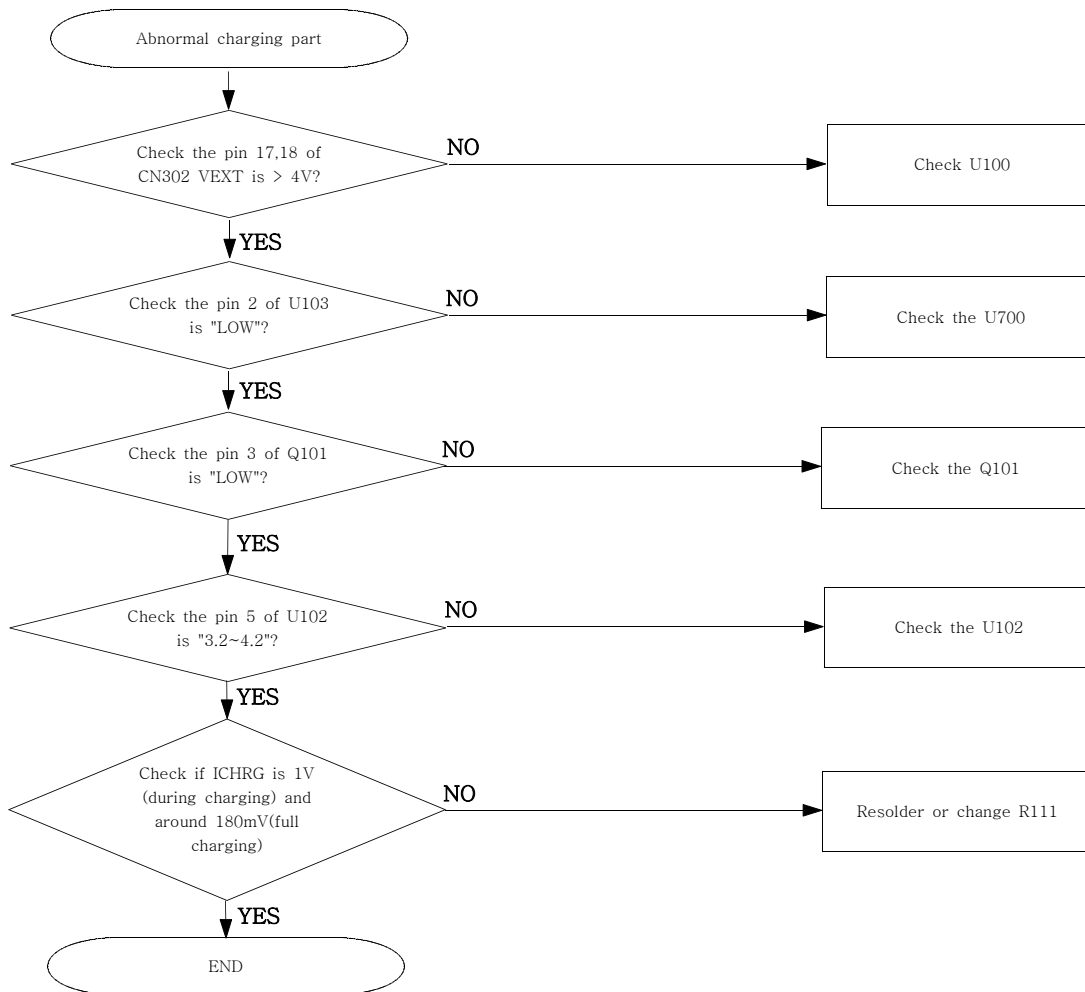
## 2. Initial



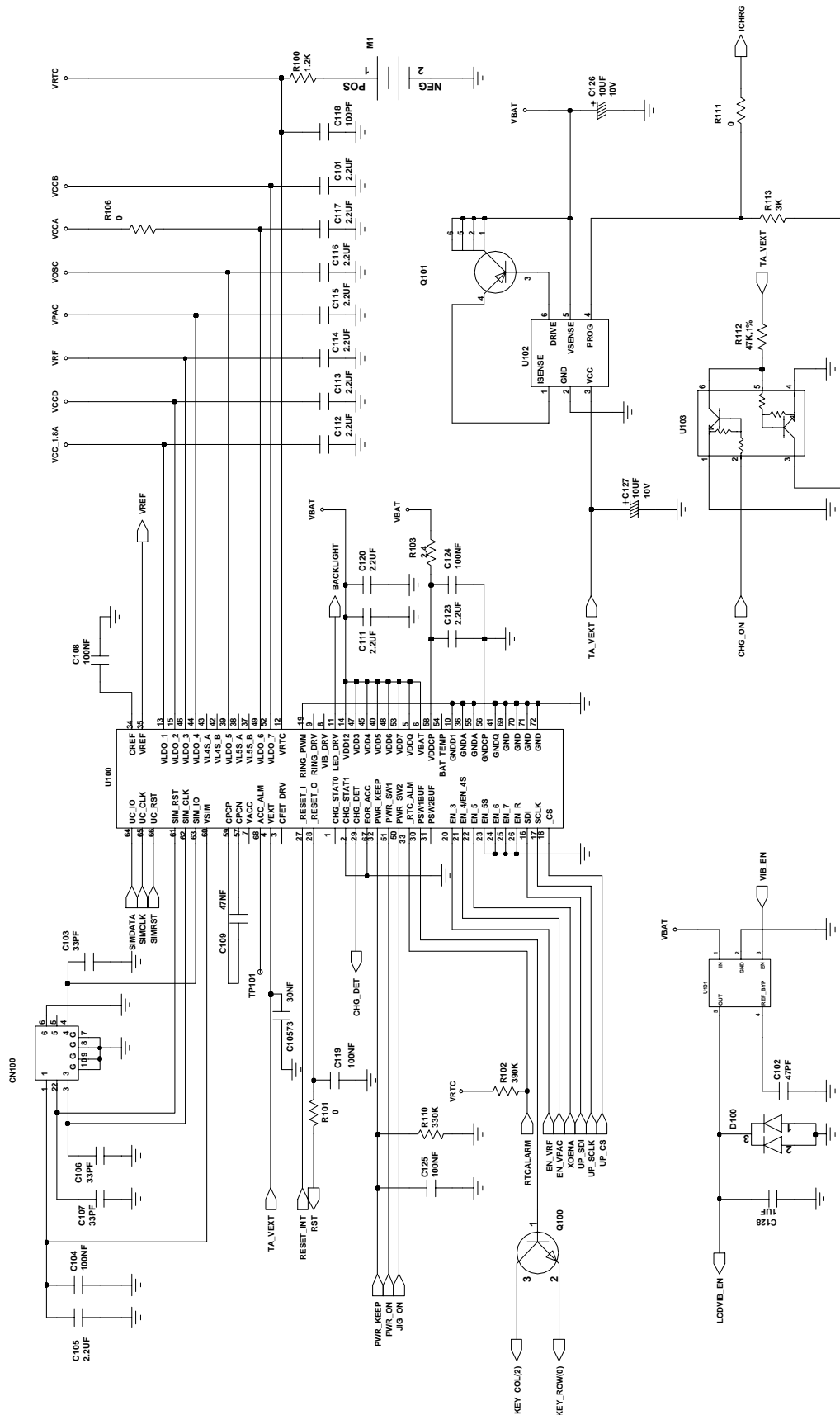
### 3. Sim Part



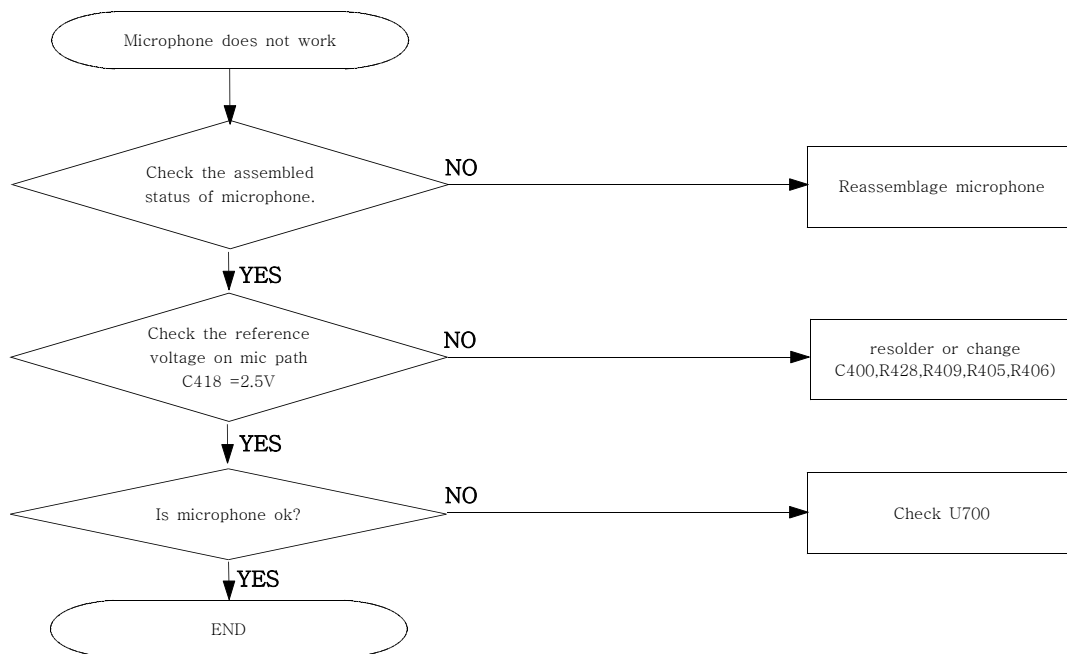
#### 4. Charging Part



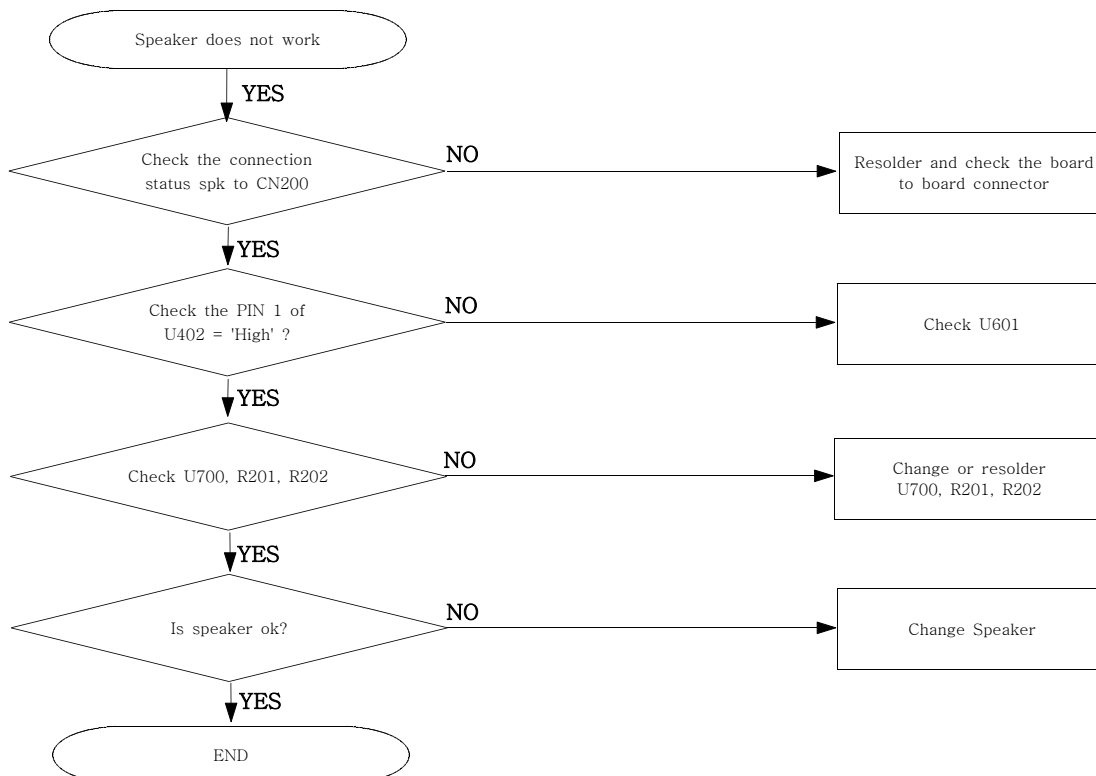


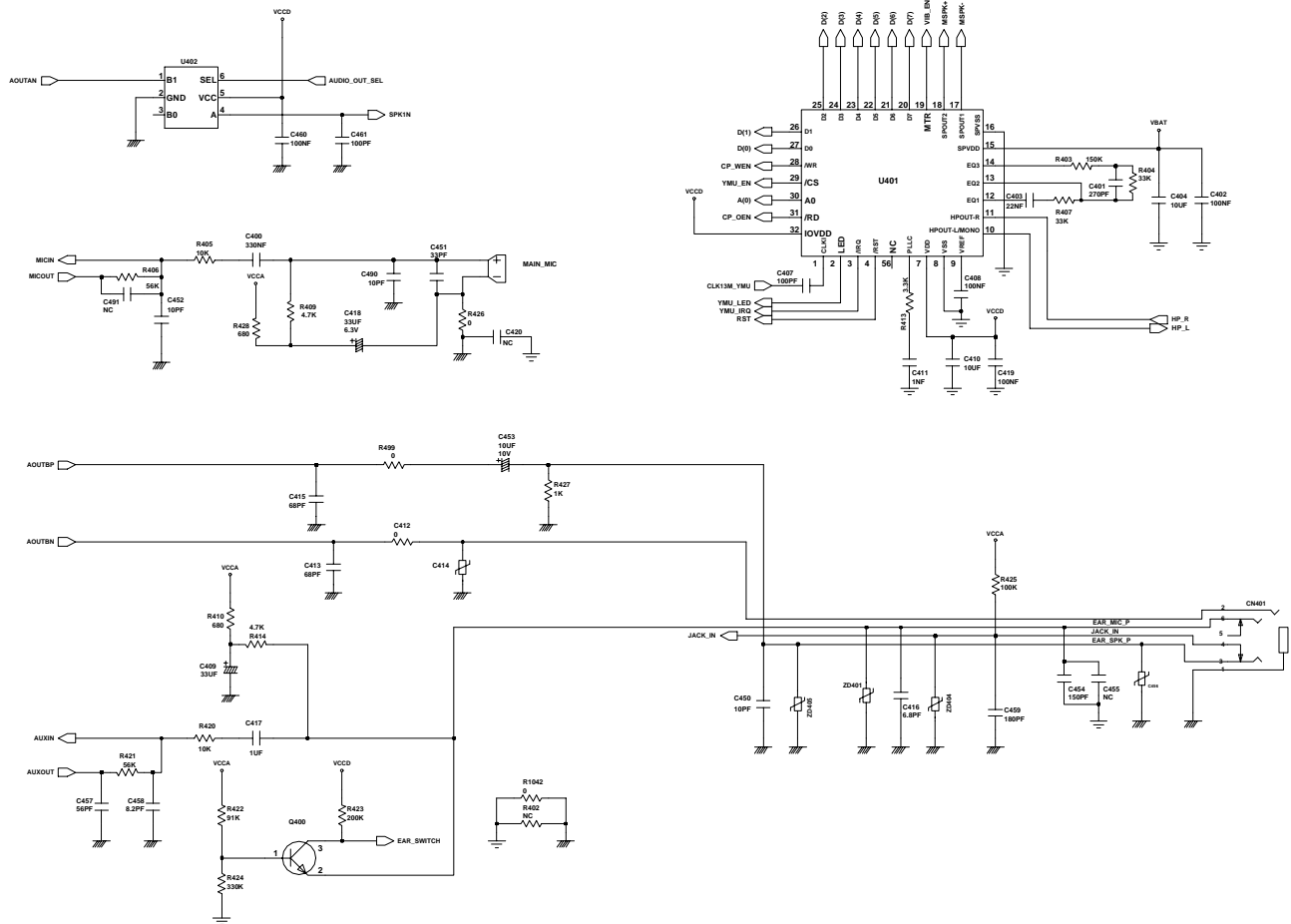


## 5. Microphone Part

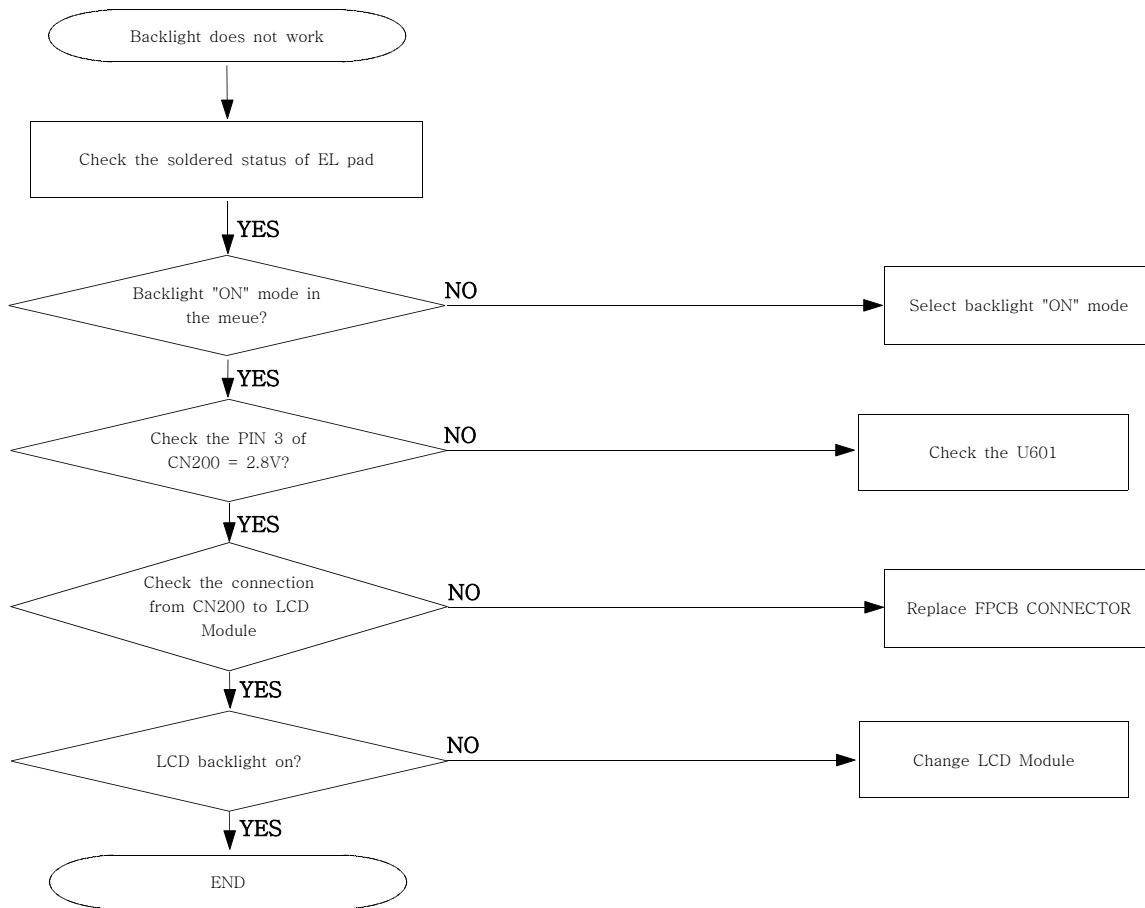


## 6. Speaker Part

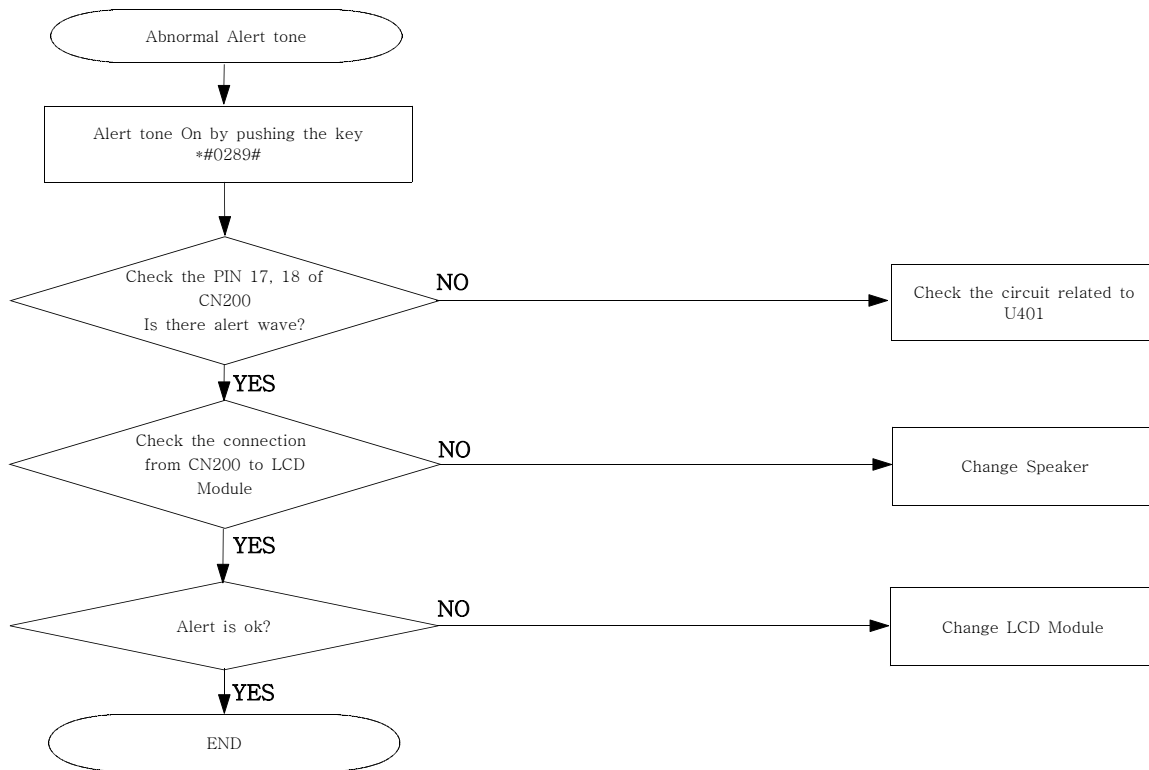




## 7. Back Light



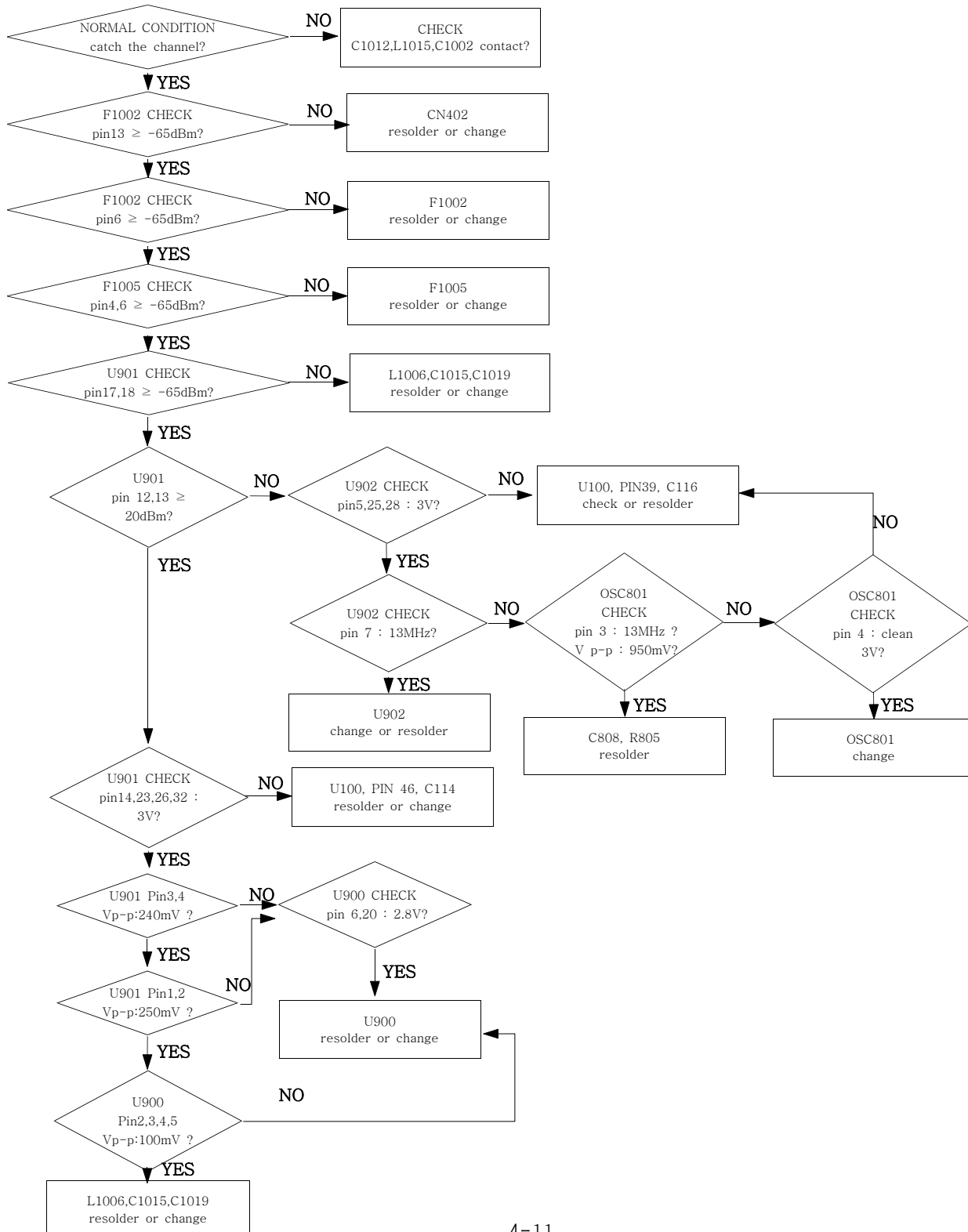
## 8.Alert Tone



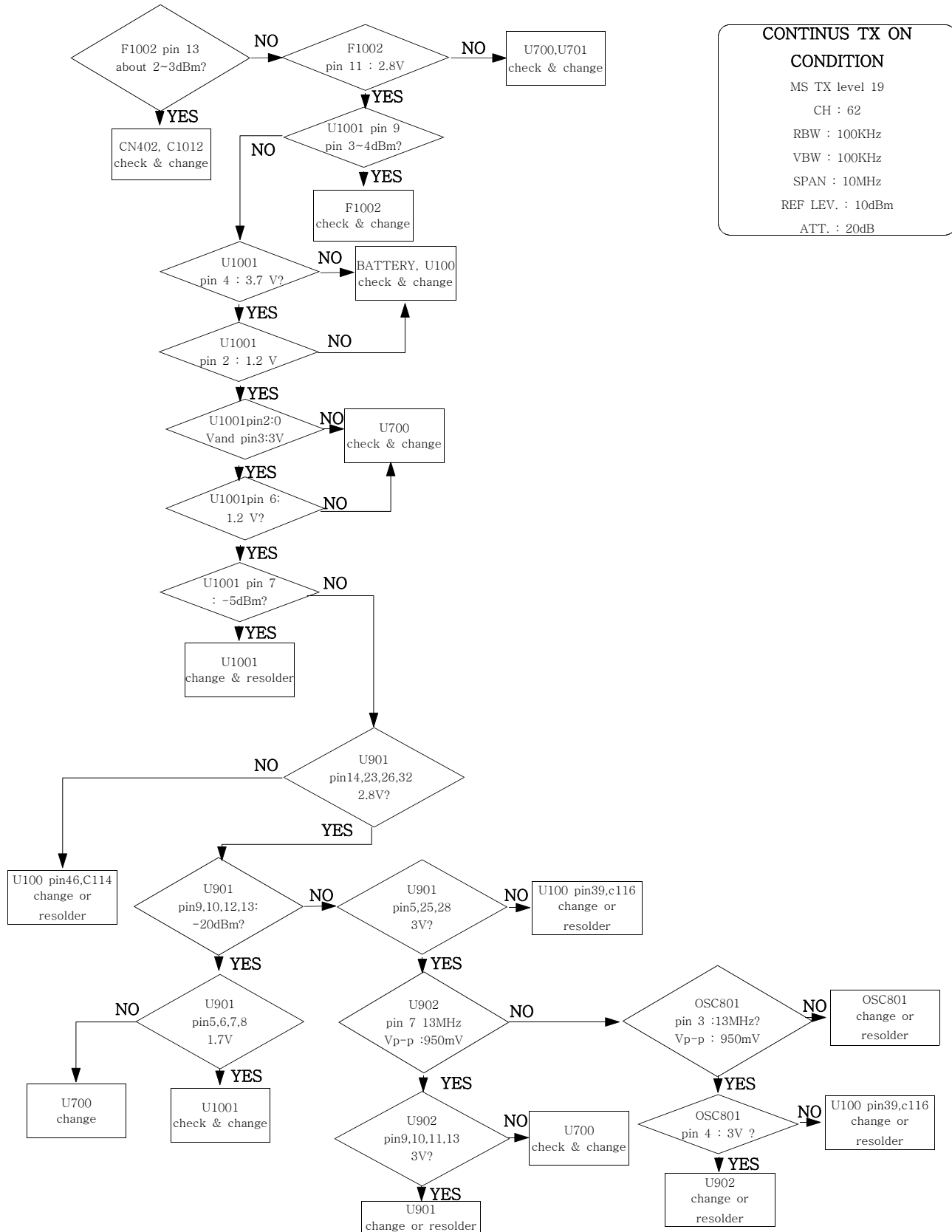


## 2. PCS Receiver

CONTINUOUS RX ON  
RF INPUT : 698CH  
Cell power : -50dBm



### 3. GSM Transmitter



CONTINUS TX ON

CONDITION

MS TX level 19

CH : 62

RBW : 100KHz

VBW : 100KHz

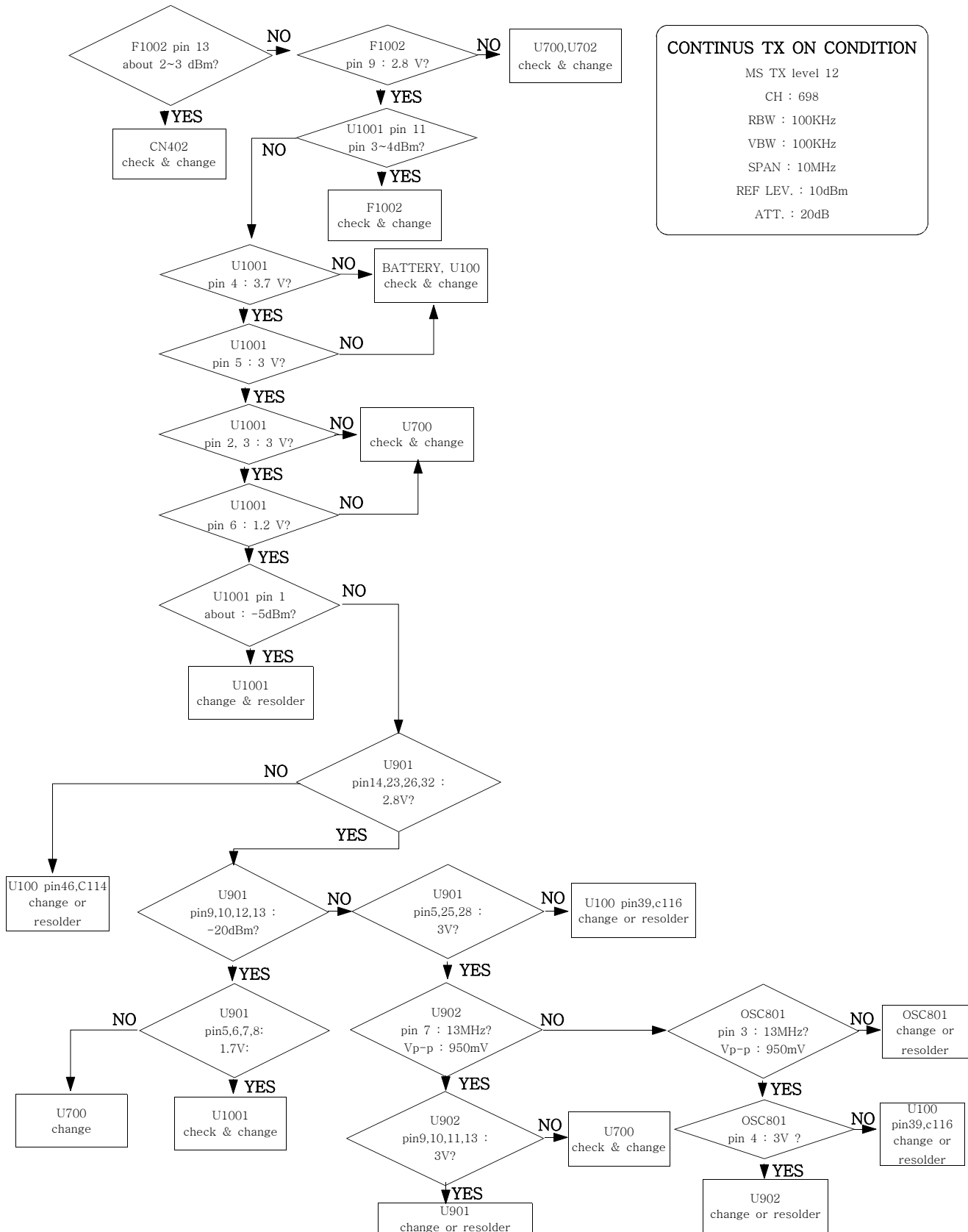
SPAN : 10MHz

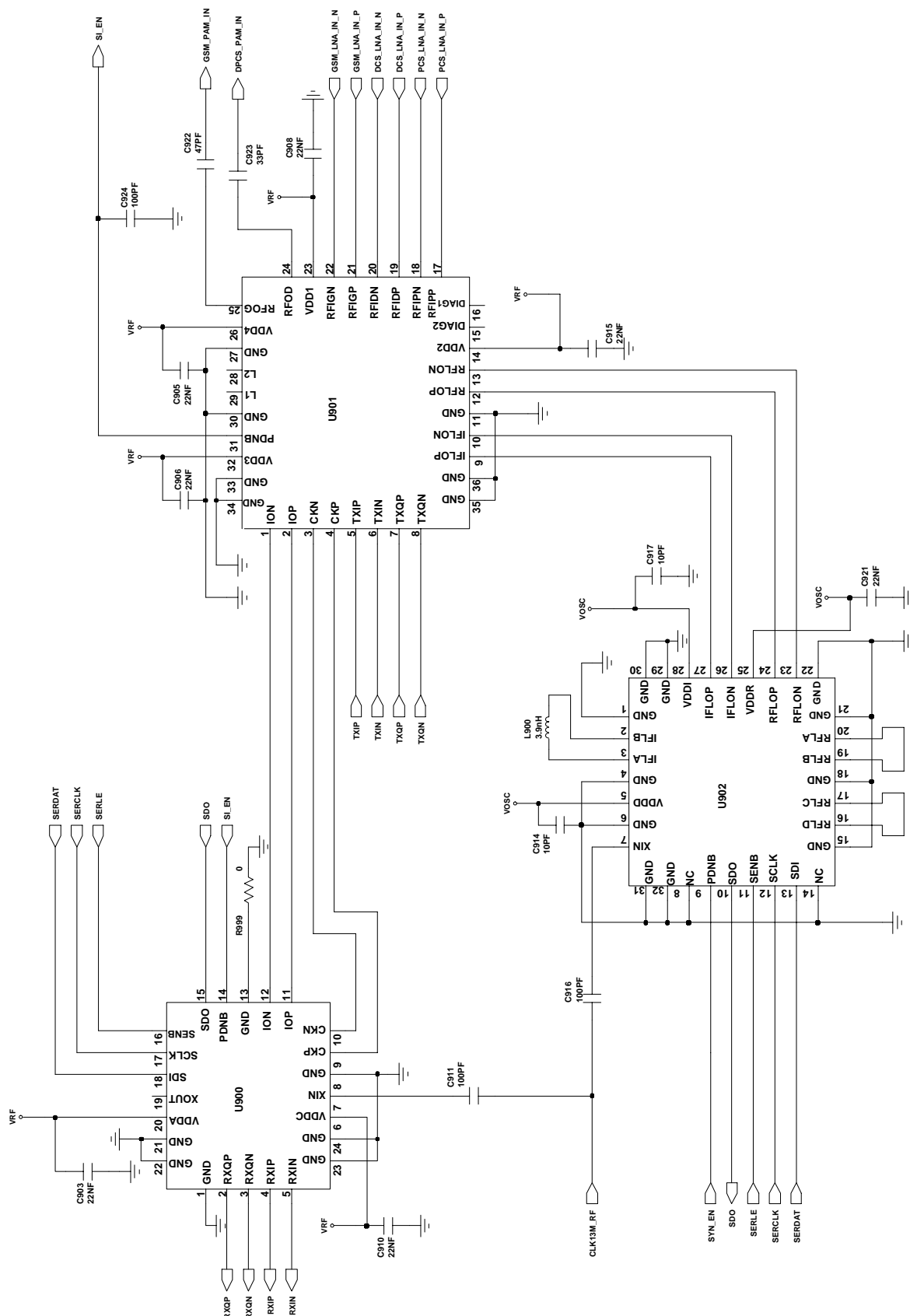
REF LEV. : 10dBm

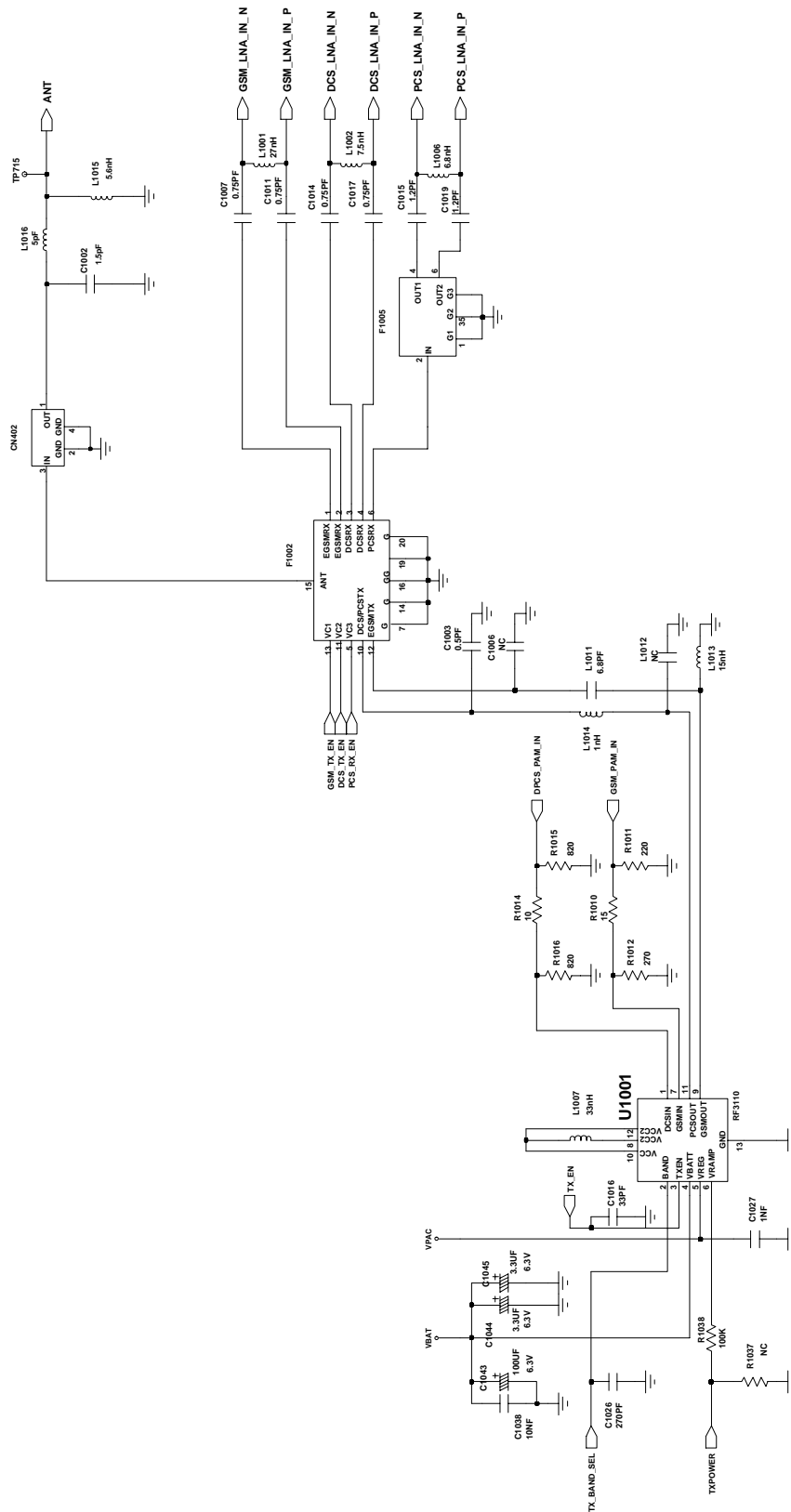
ATT. : 20dB



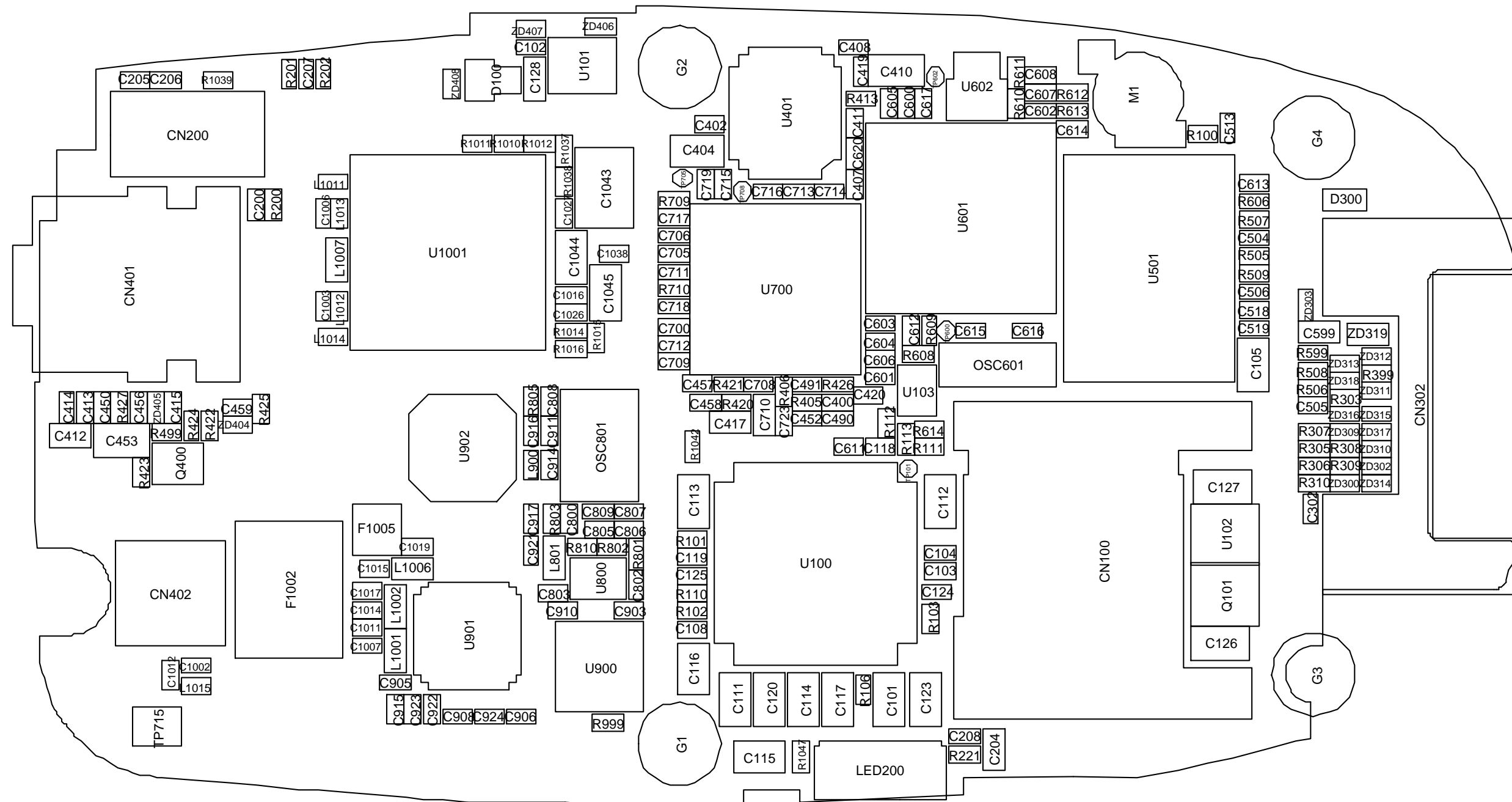
## 4. PCS Transmitter



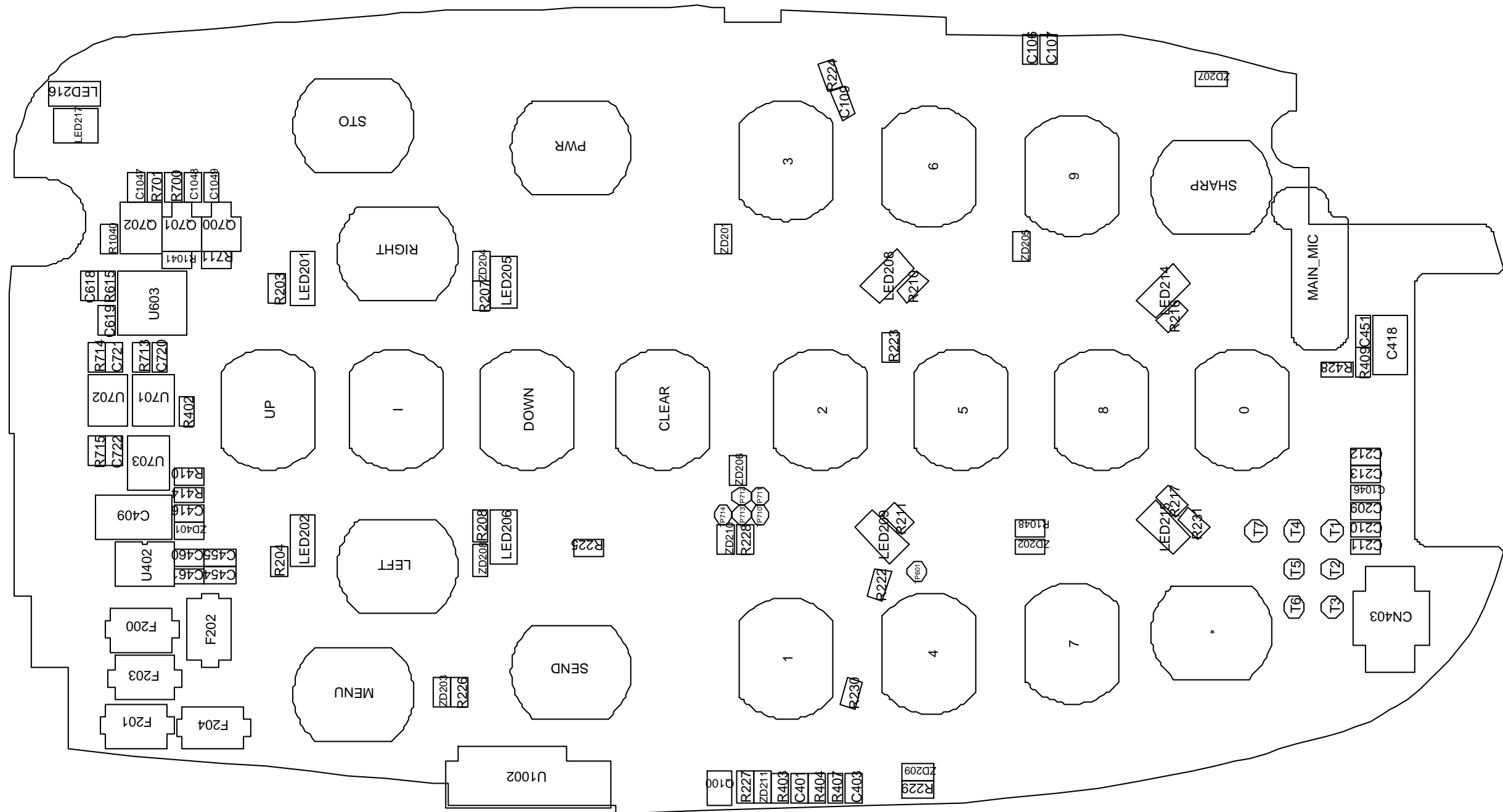




## 1. Main PCB Top Diagram



## 2. Main PCB Bottom Diagram



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