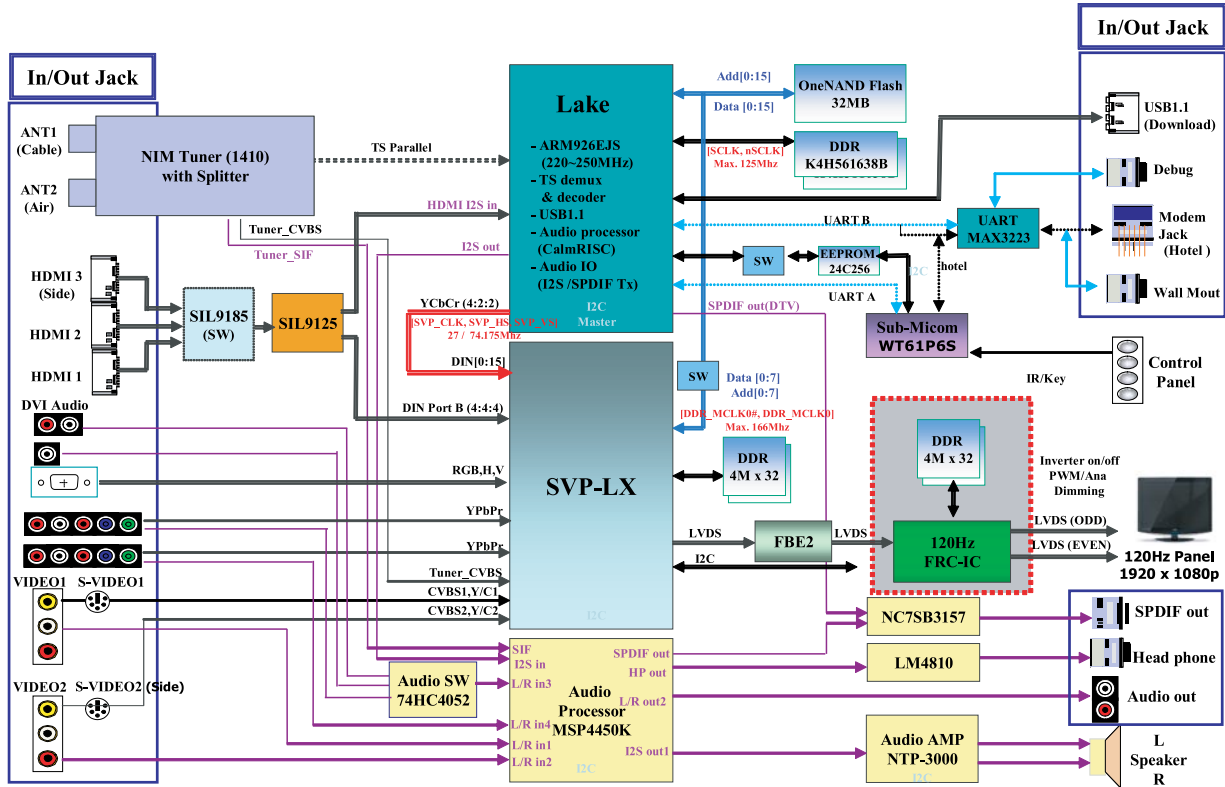
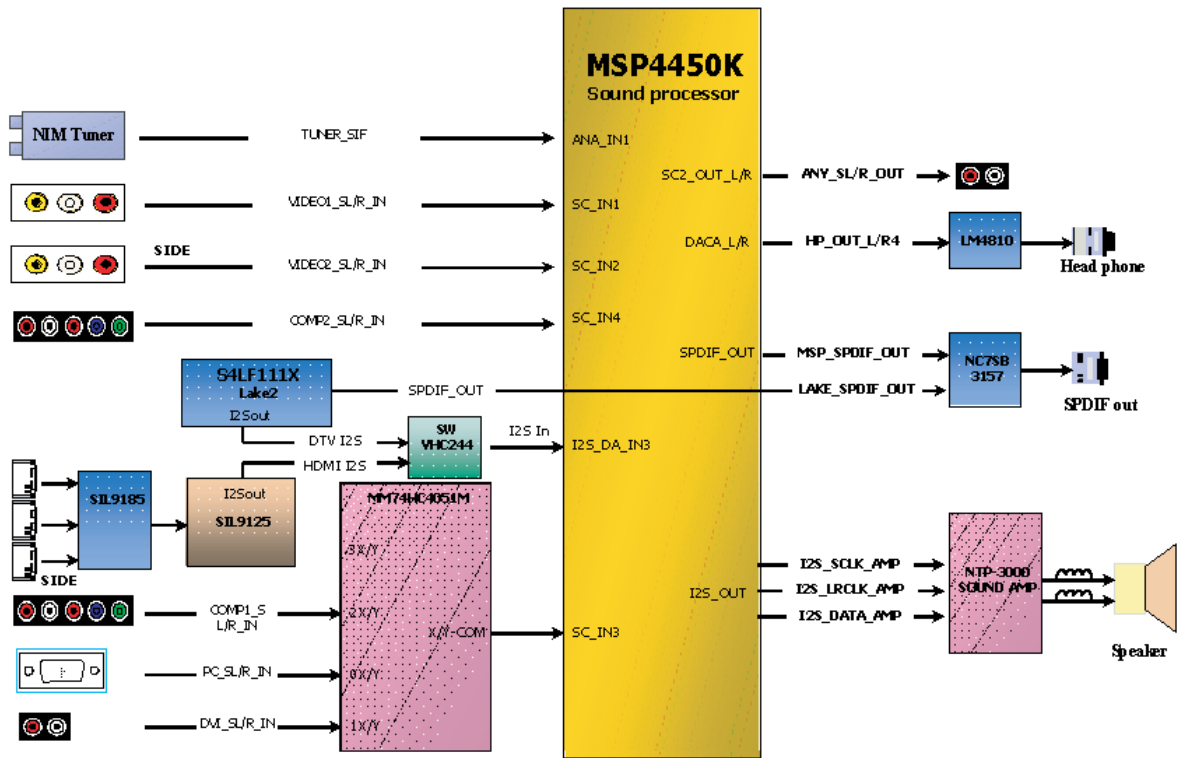


# 7. Schematic Diagram

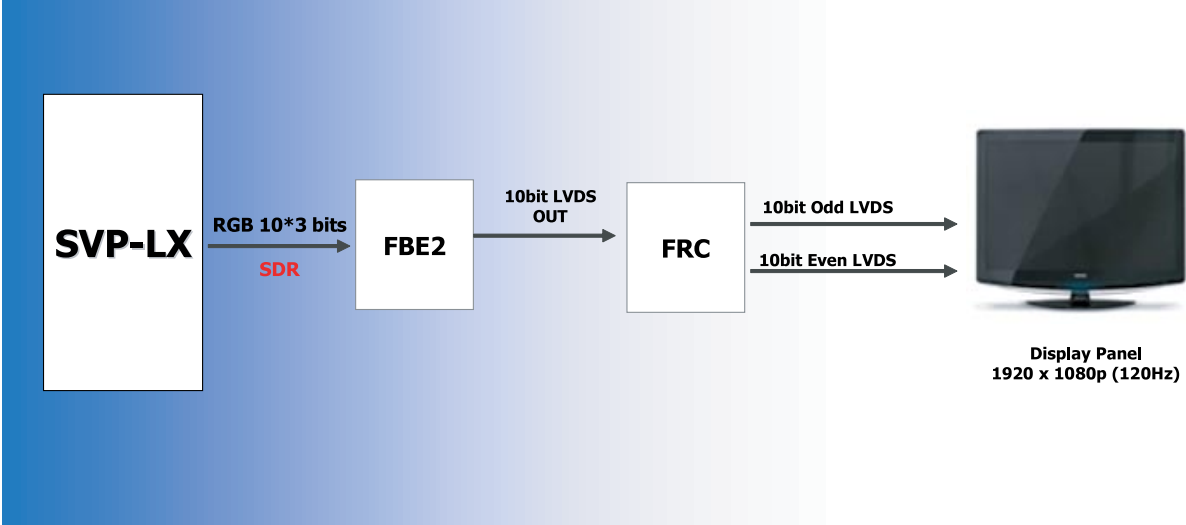
## 7-1. Lake2 + SVP-LX + FRC Block Diagram



## 7-2. Audio Block Diagram

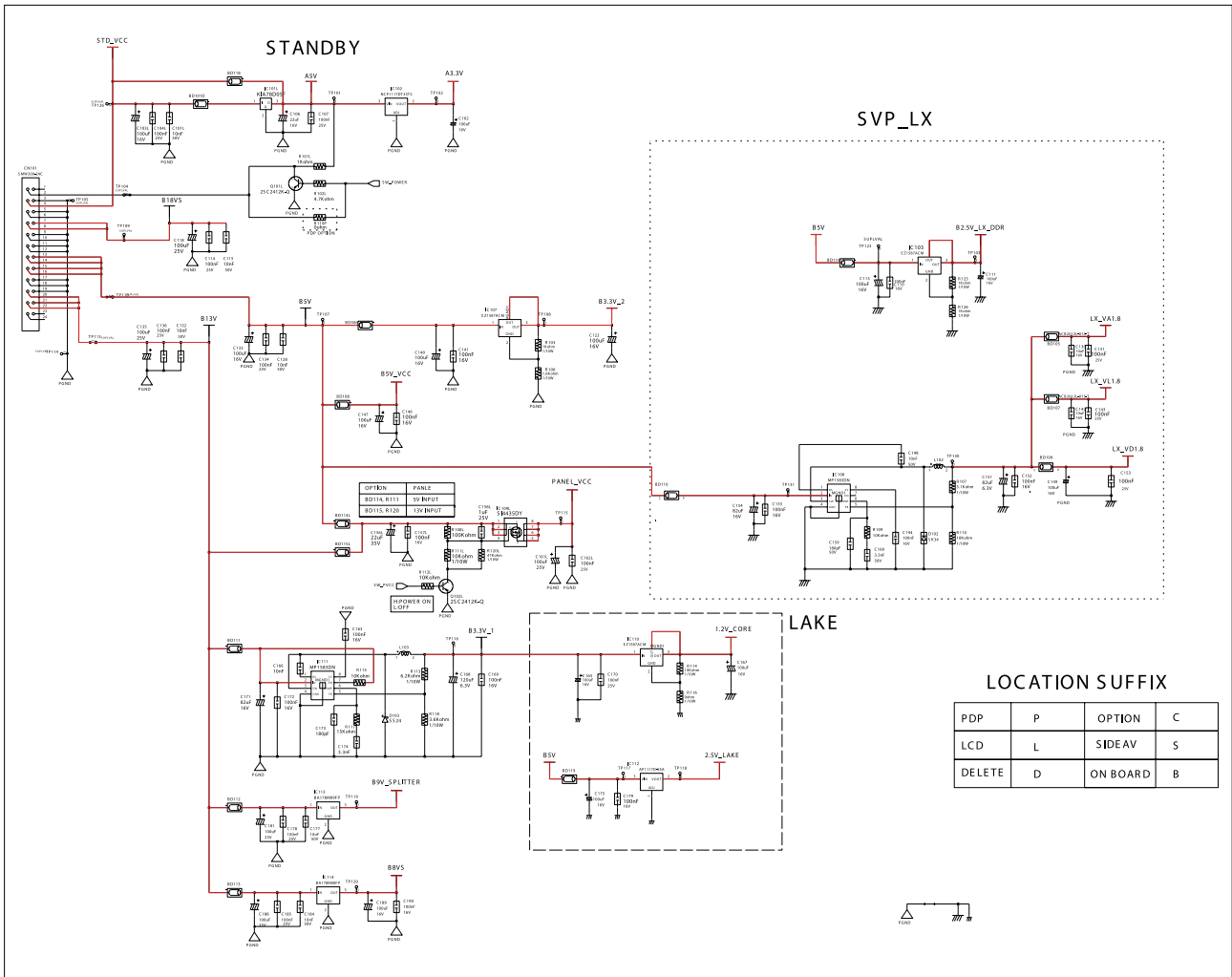


### 7-3. VIDEO Output Path



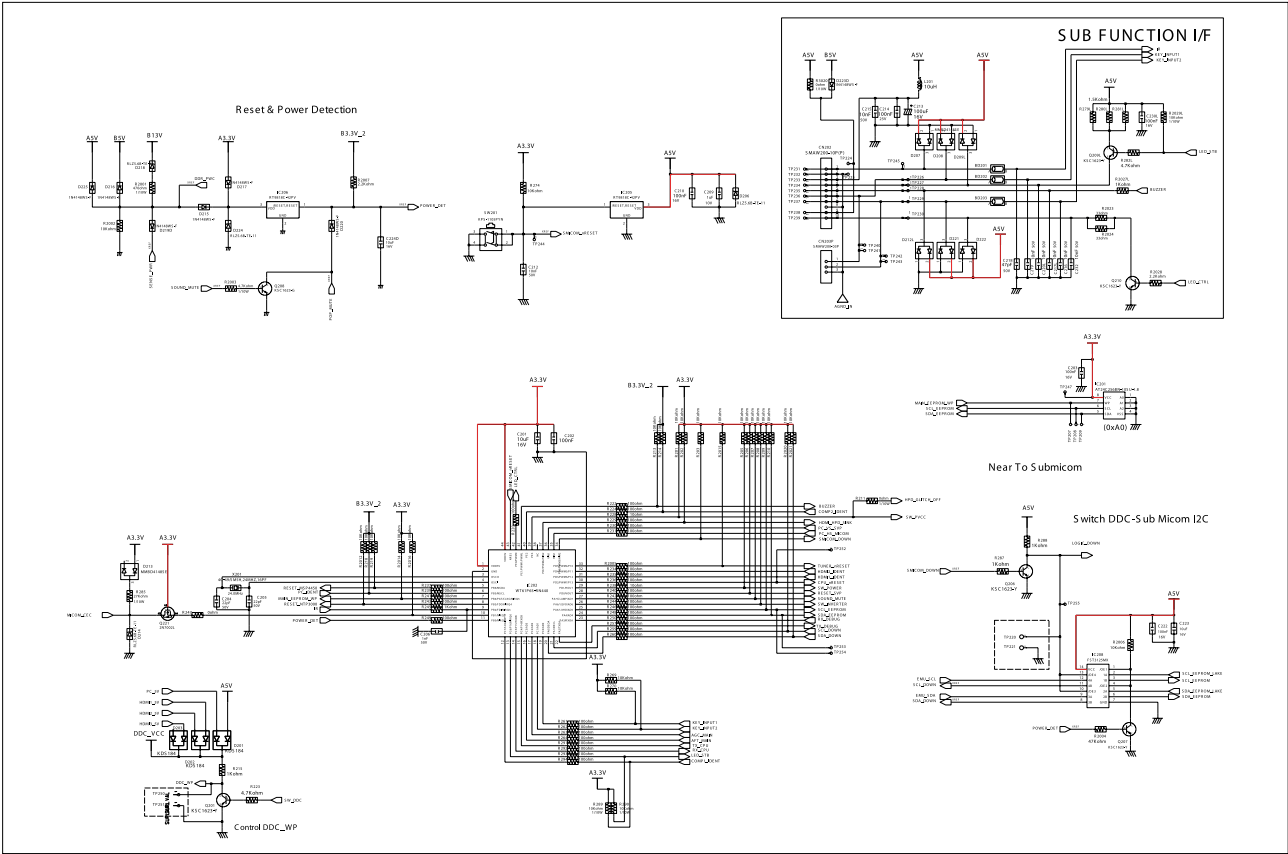
## 7-2. Schematic Diagrams

### 7-2-1. MAIN POWER BLOCK

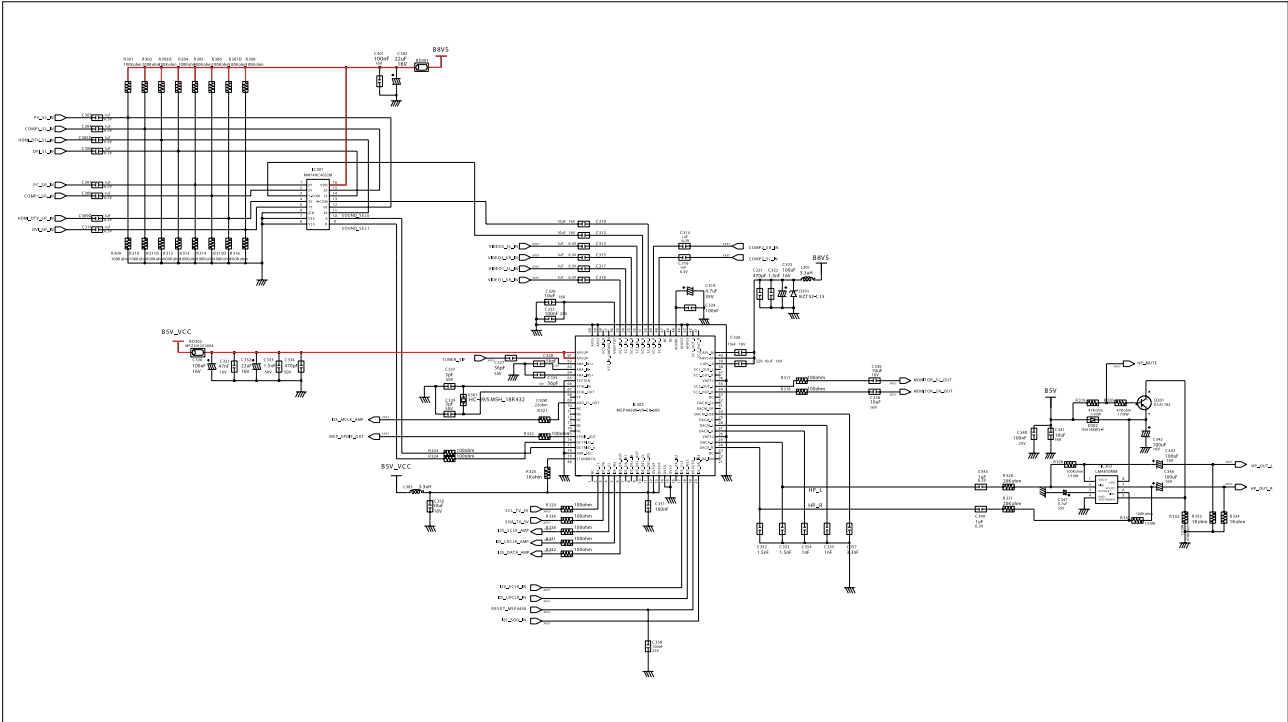




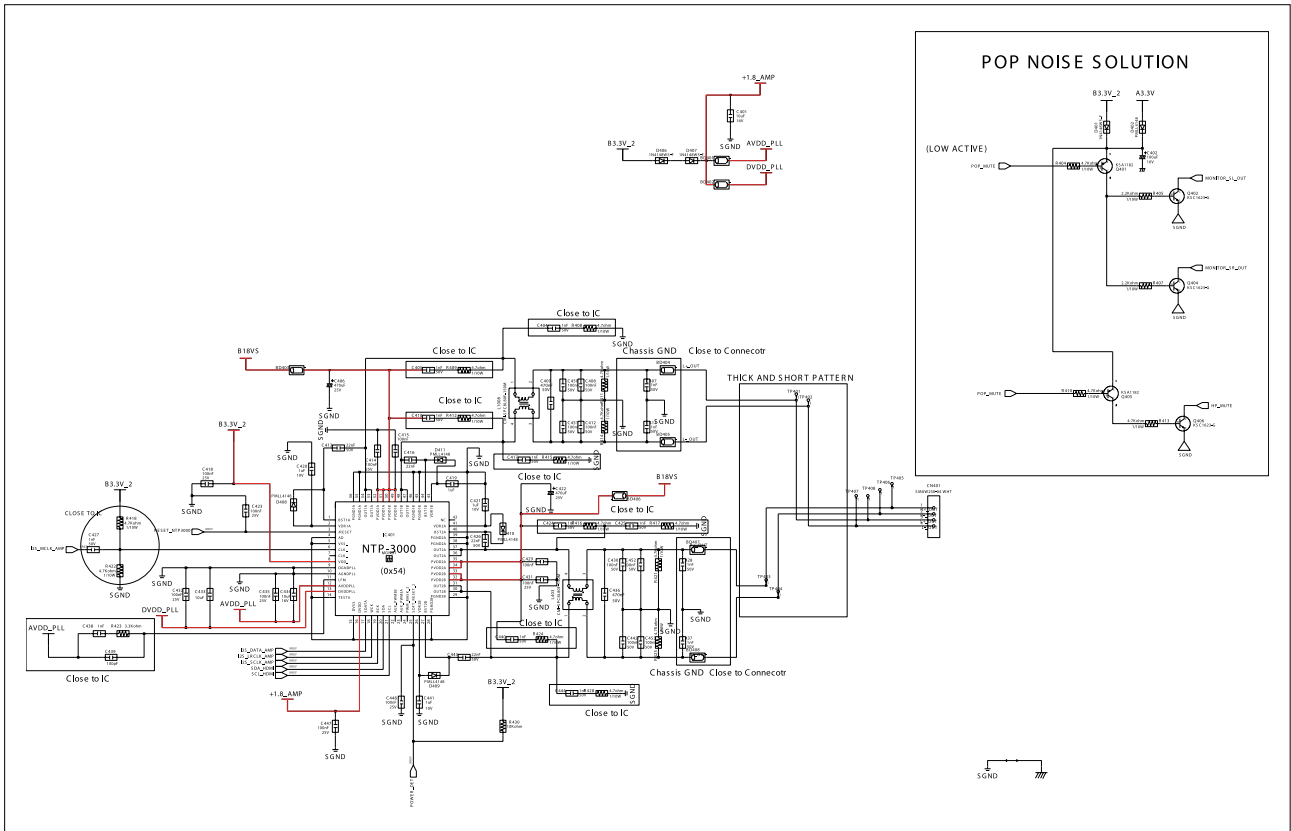
### 7-2-2. STANDBY MICOM (S3F866B)



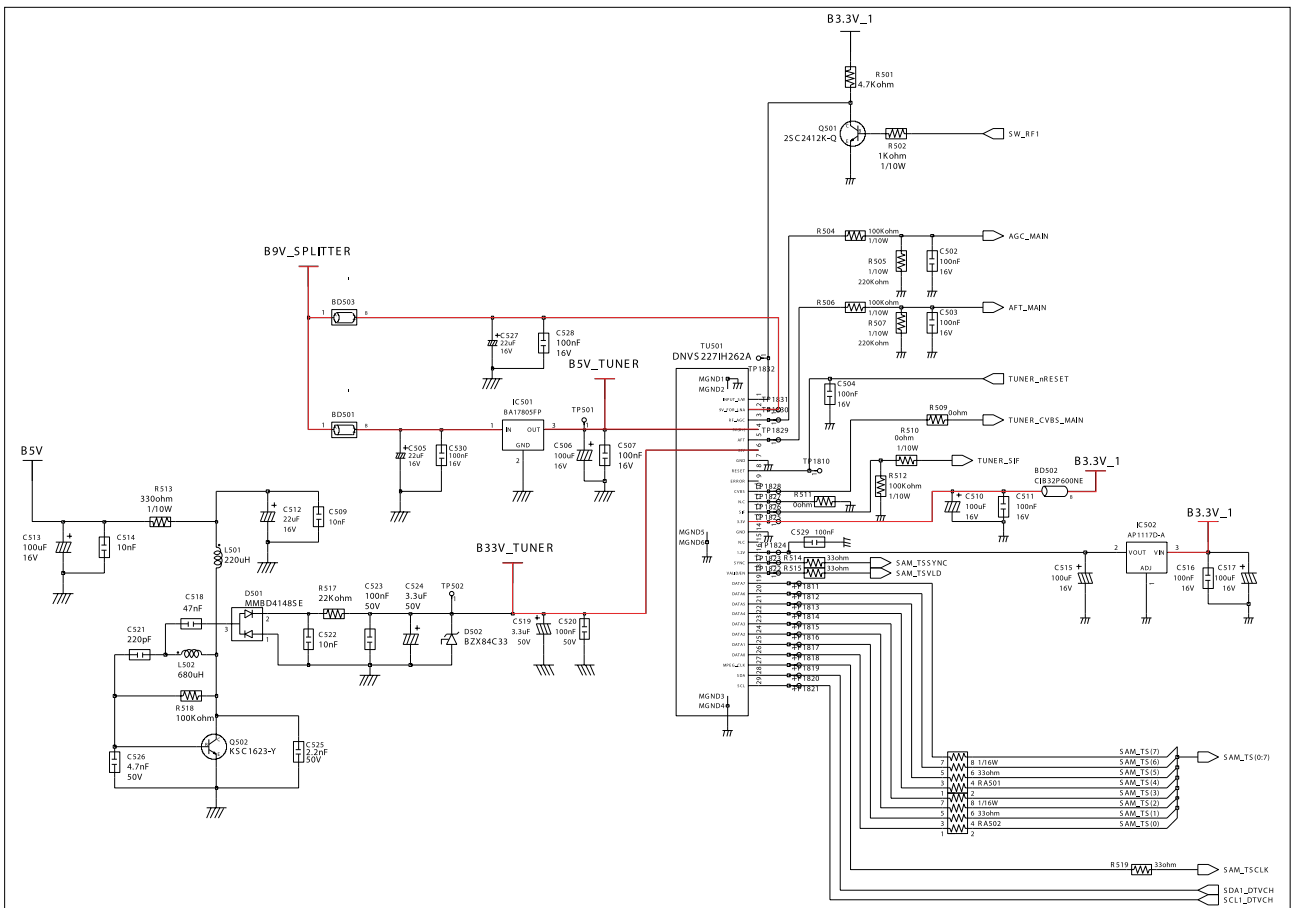
### 7-2-3. SOUND PROCESSOR (MSP4450)



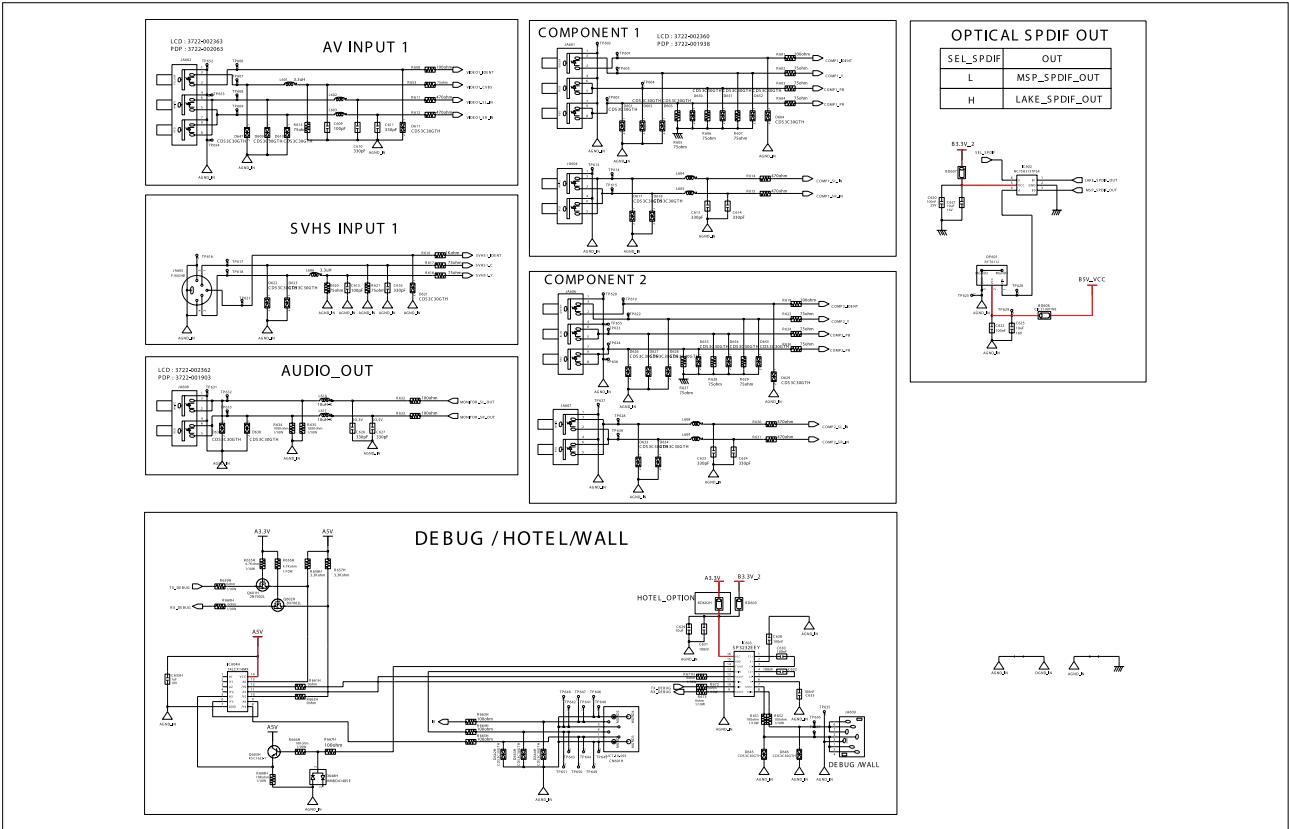
### 7-2-4. SOUND AMP (NTP3000) & POP SOLUTION



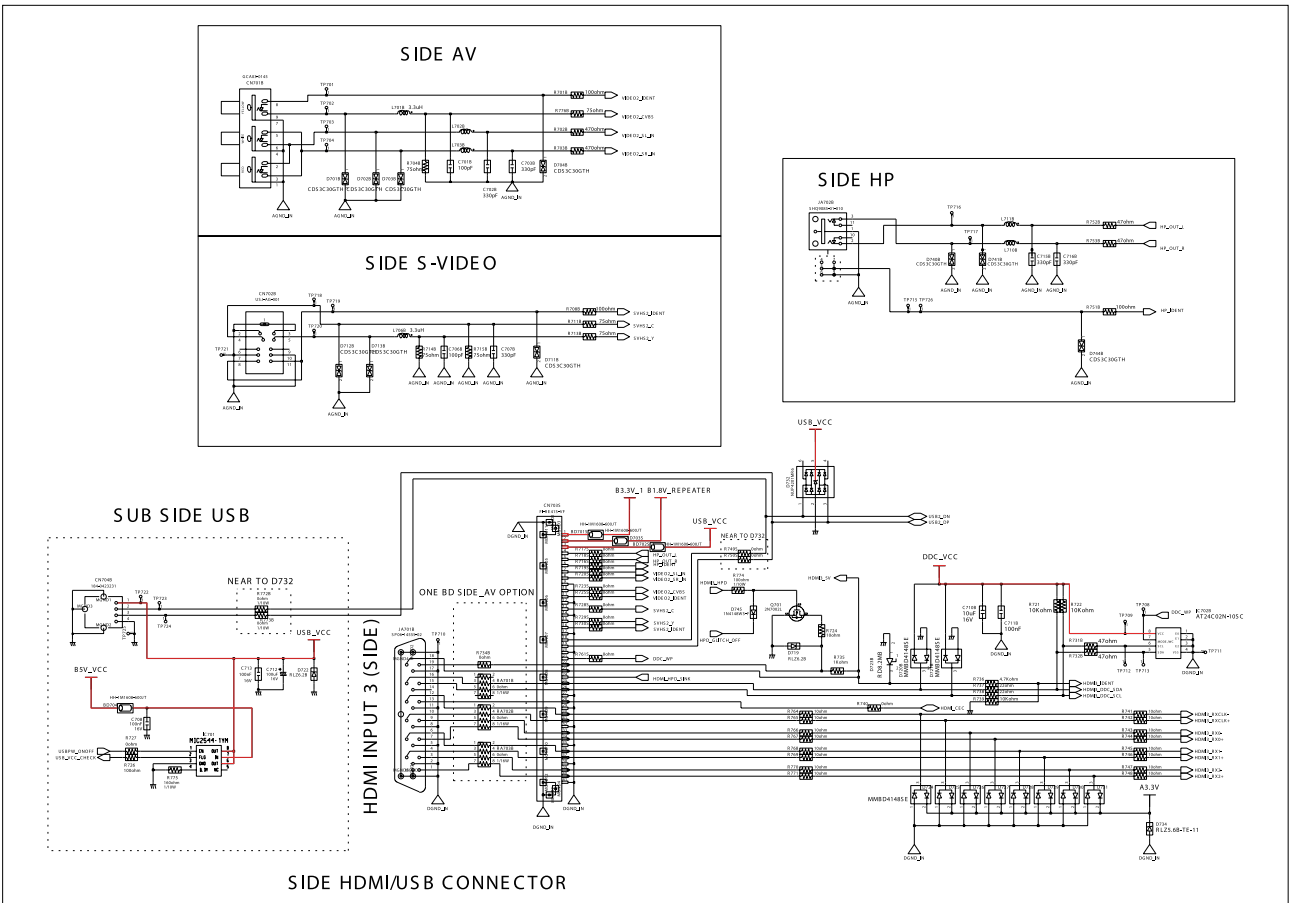
### 7-2-5. NIM TUNER 1410



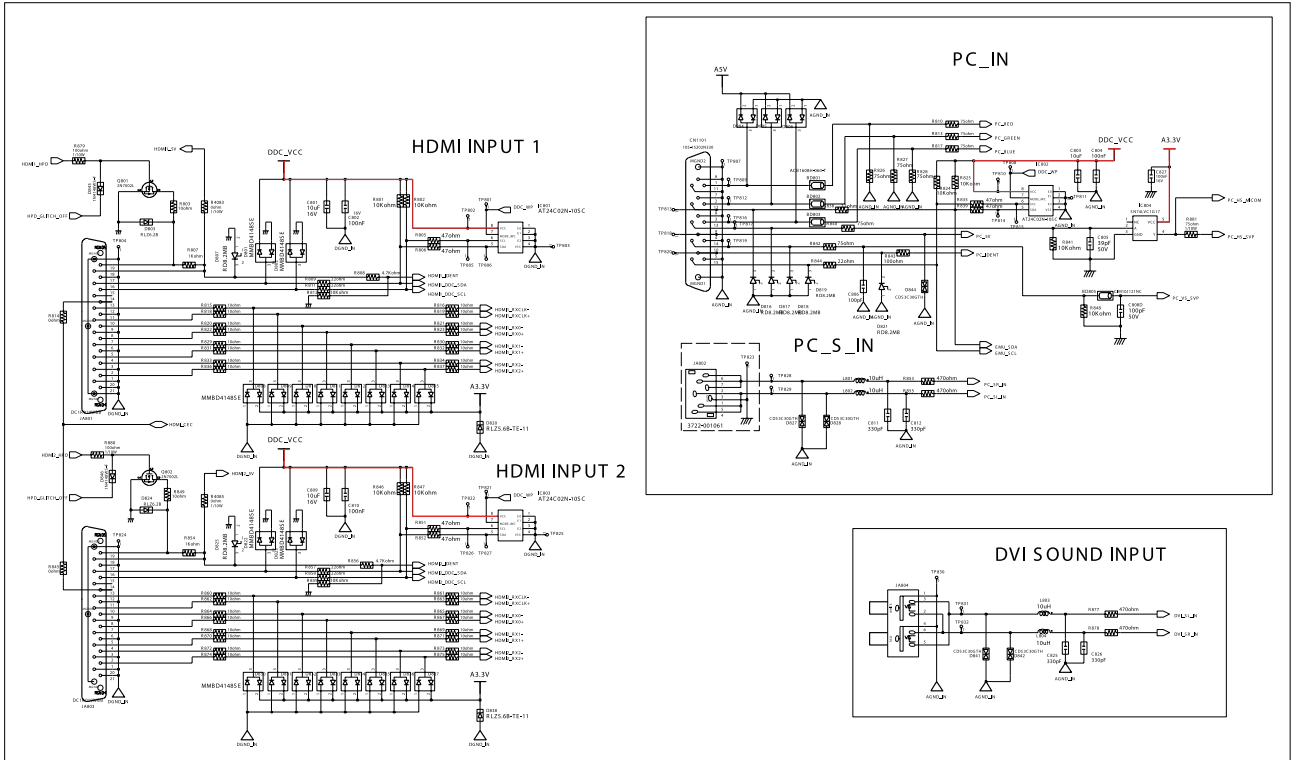
### 7-2-6. BACK AV IN / OUT



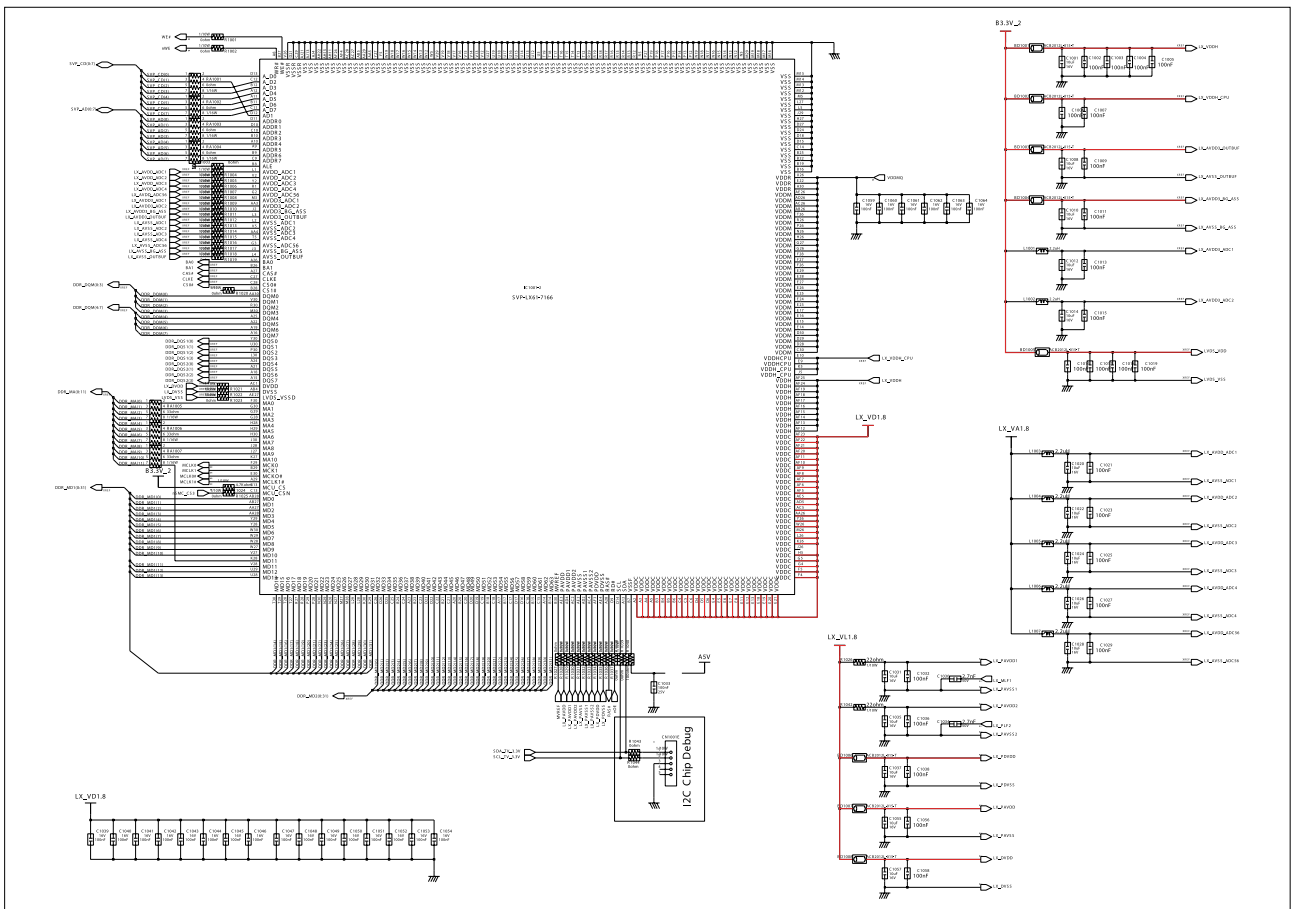
### 7-2-7. SIDE AV IN / OUT



### 7-2-8. HDMI SWITCH & PC & HDMI INPUT

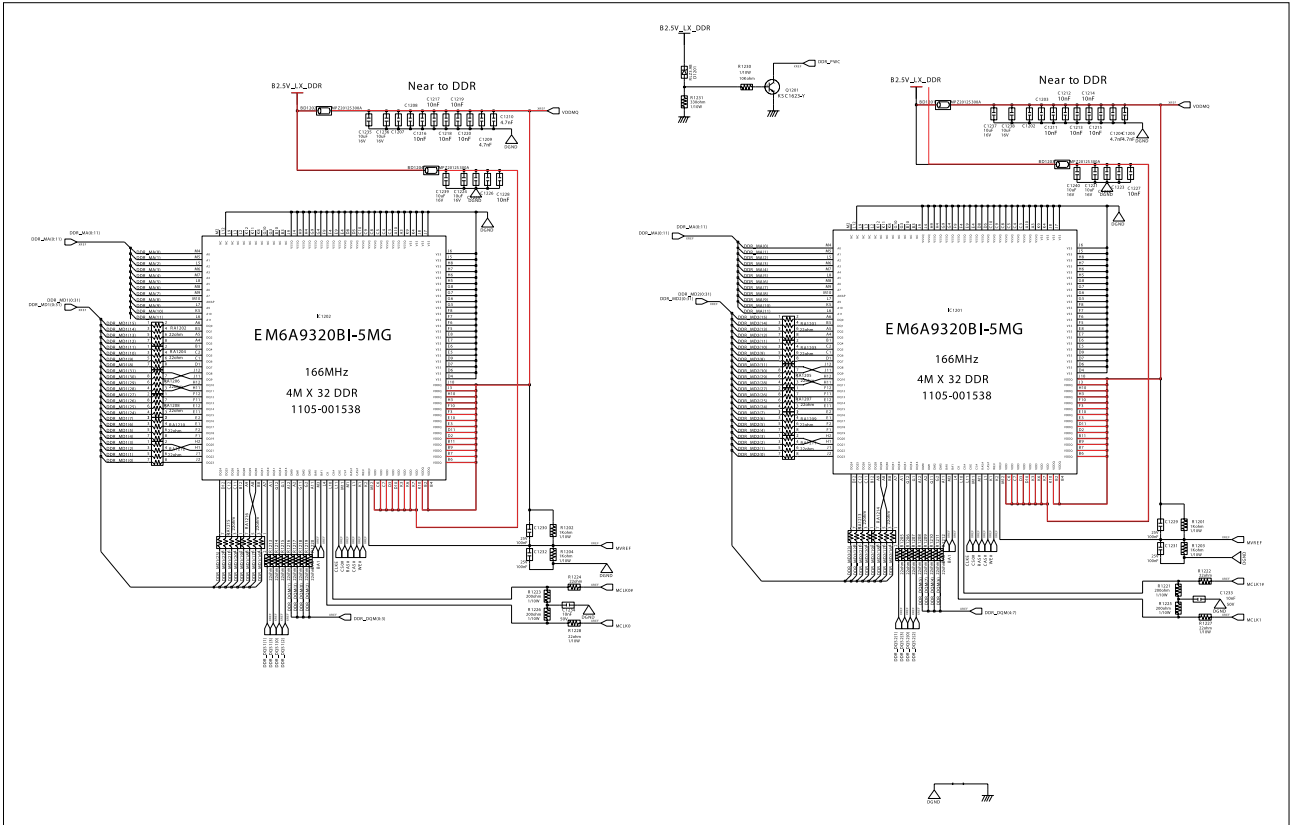


### 7-2-9. VIDEO DECODER & SCALER (SVP-LX)

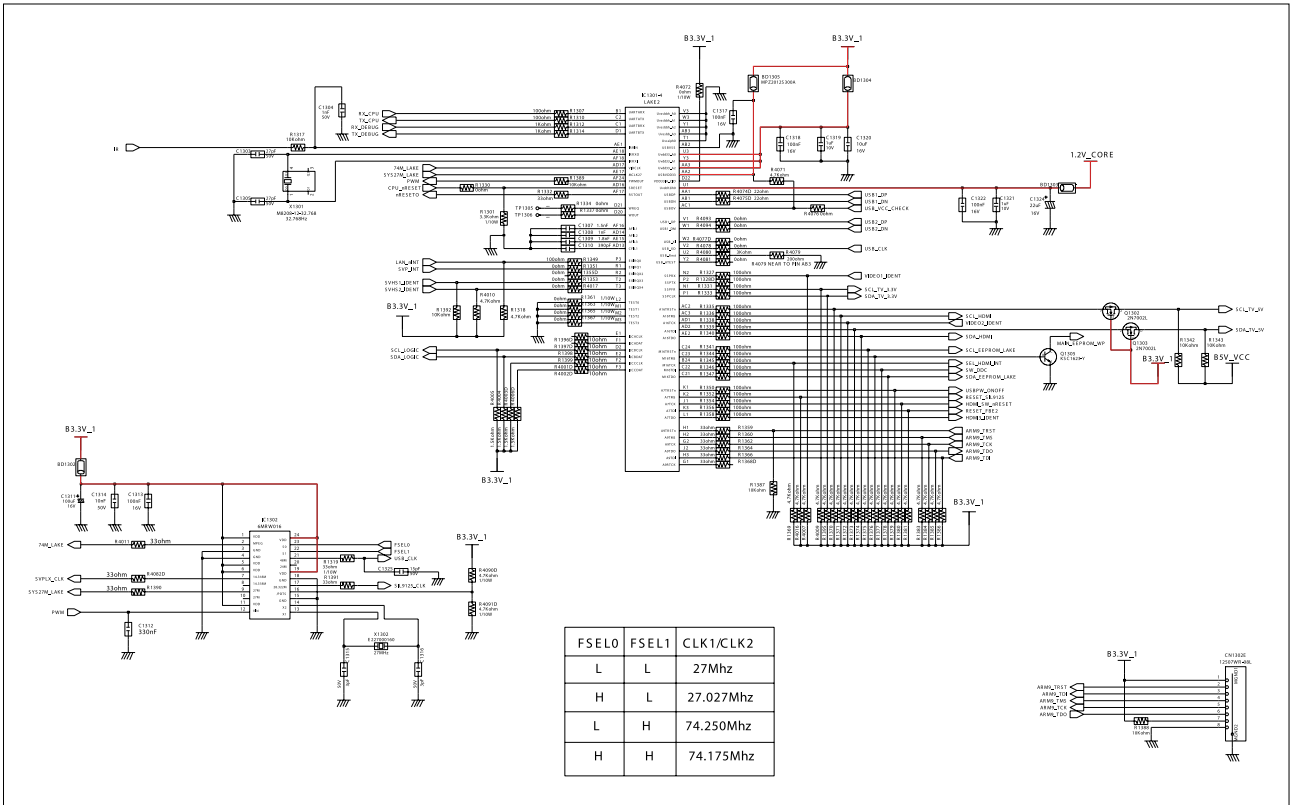




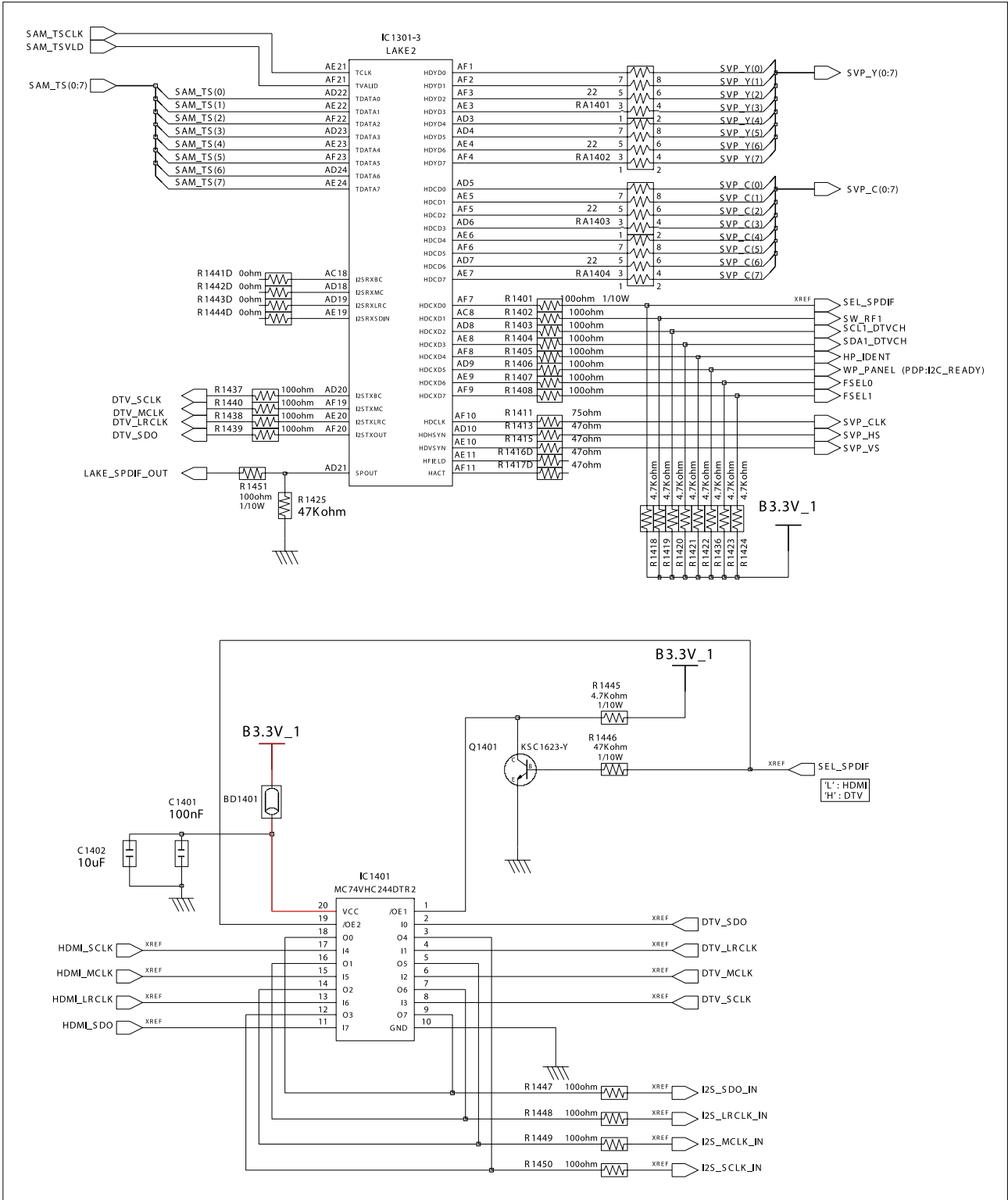
### 7-2-11. SVP-LX DDR MEMORY



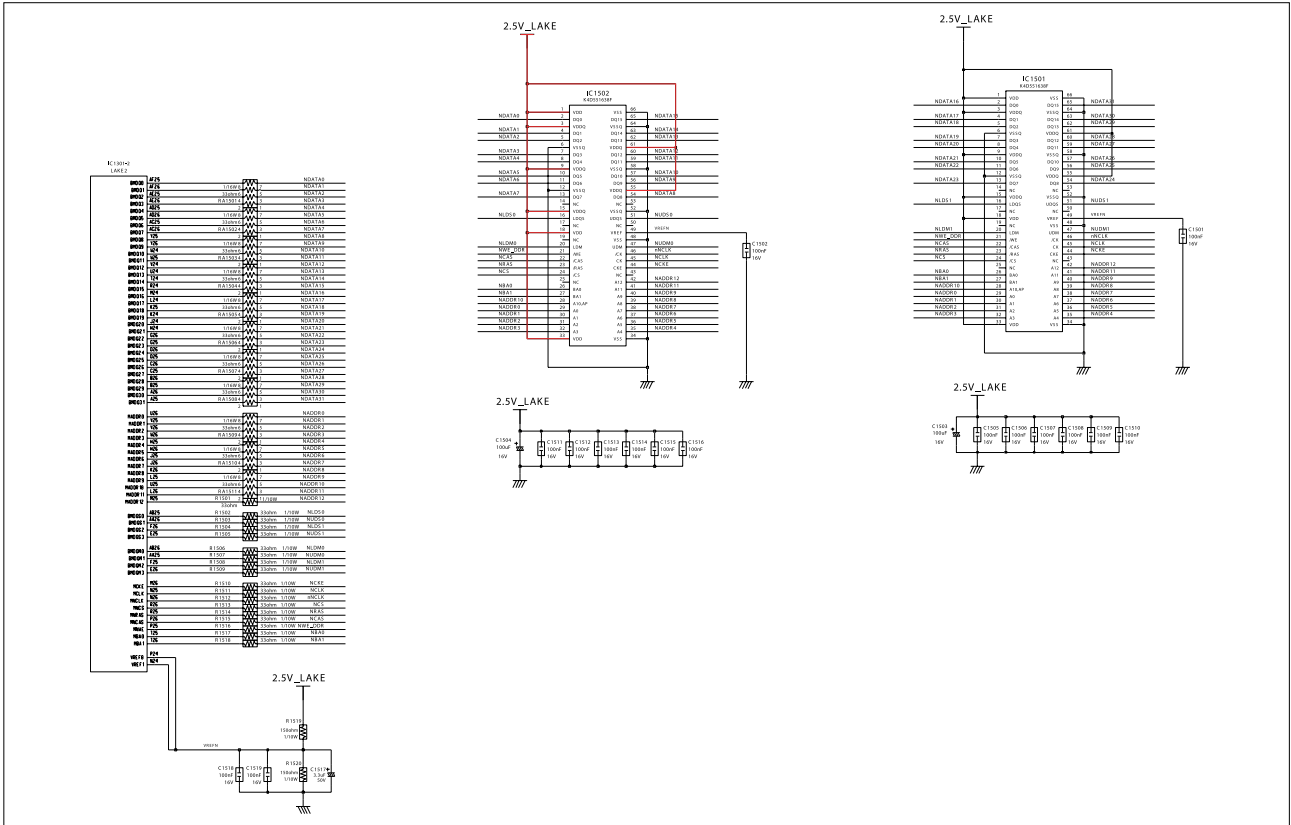
### 7-2-12. LAKE (I2C & GPIO & USB & UART & INT)



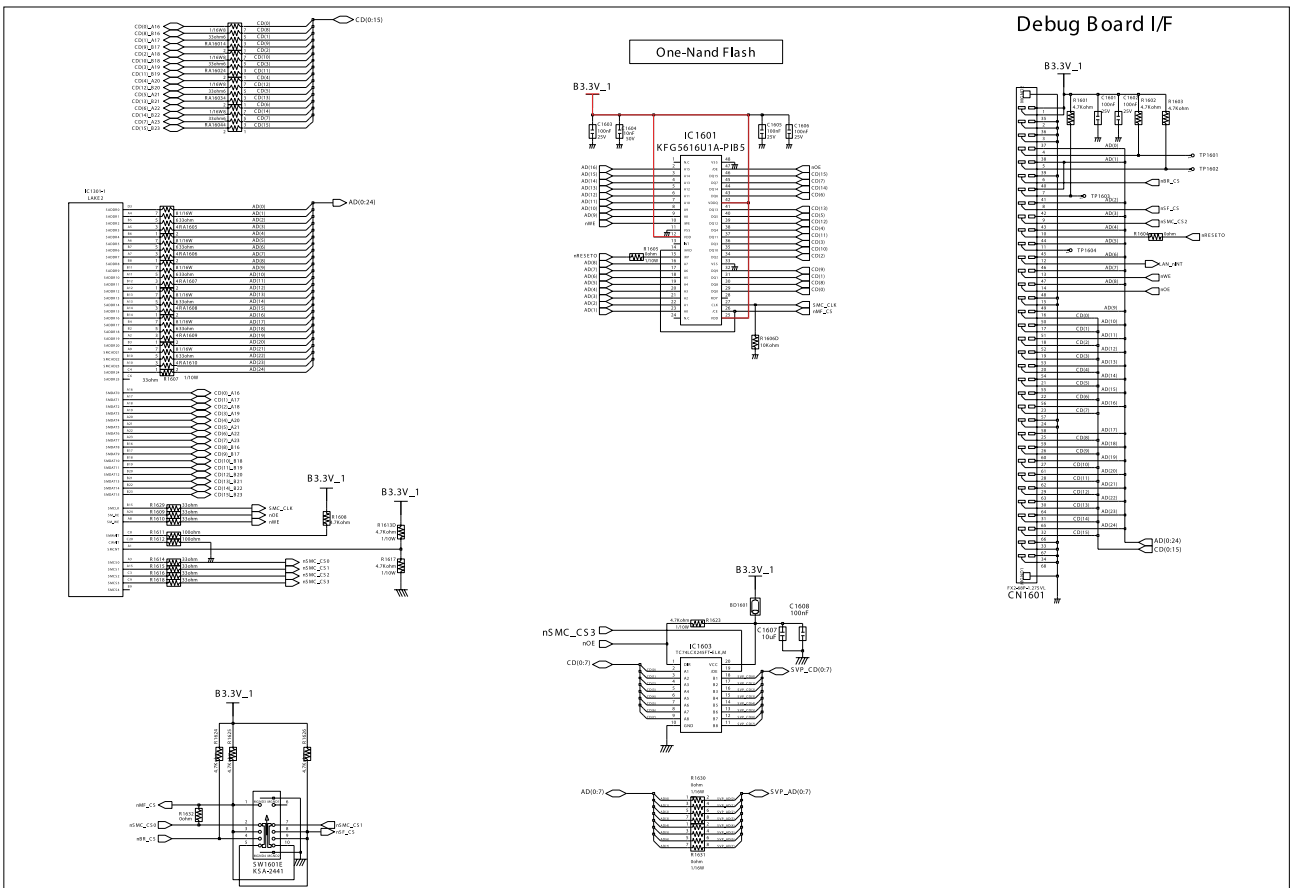
7-2-13. LAKE (I2S IN/OUT & TS-IN & YCbCr-OUT)



### 7-2-14. LAKE (DDR MEMORY)

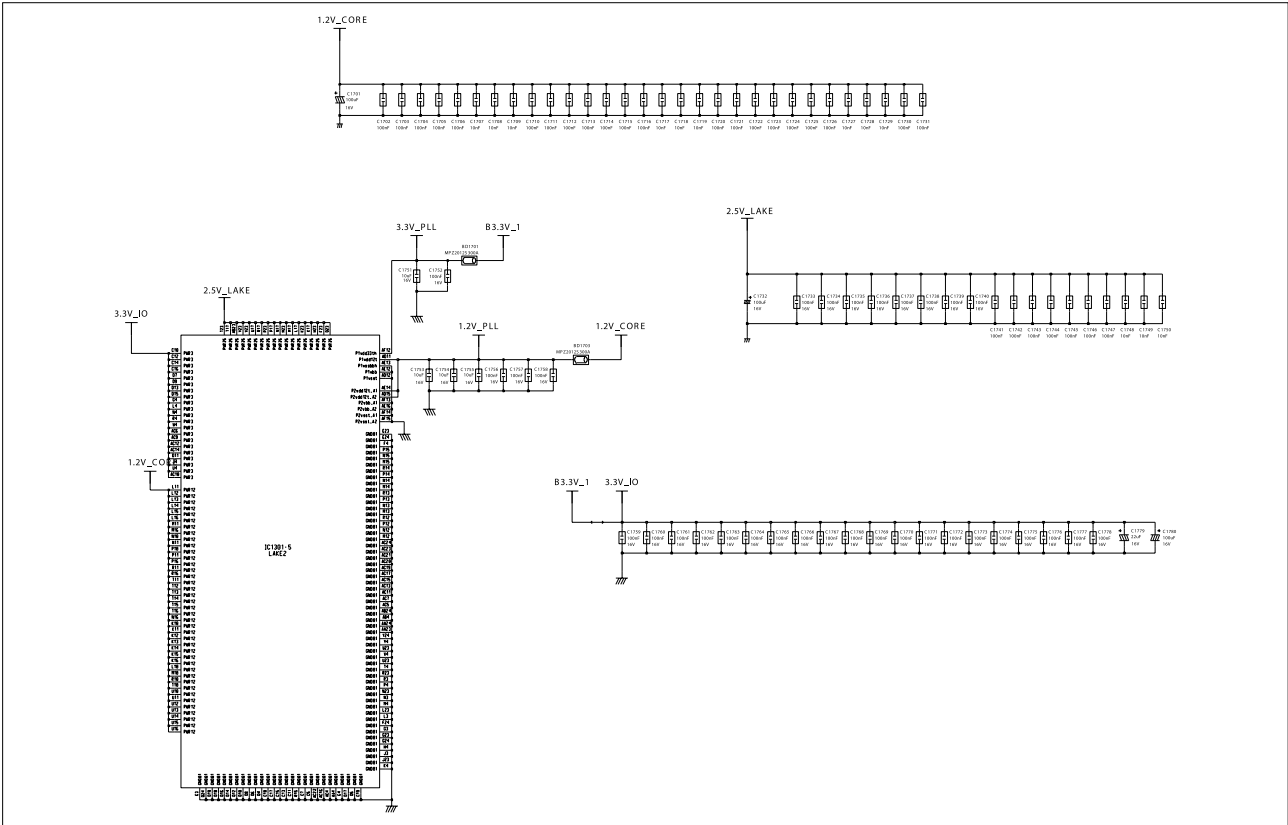


### 7-2-15. LAKE (STATIC MEMORY & DEBUG)

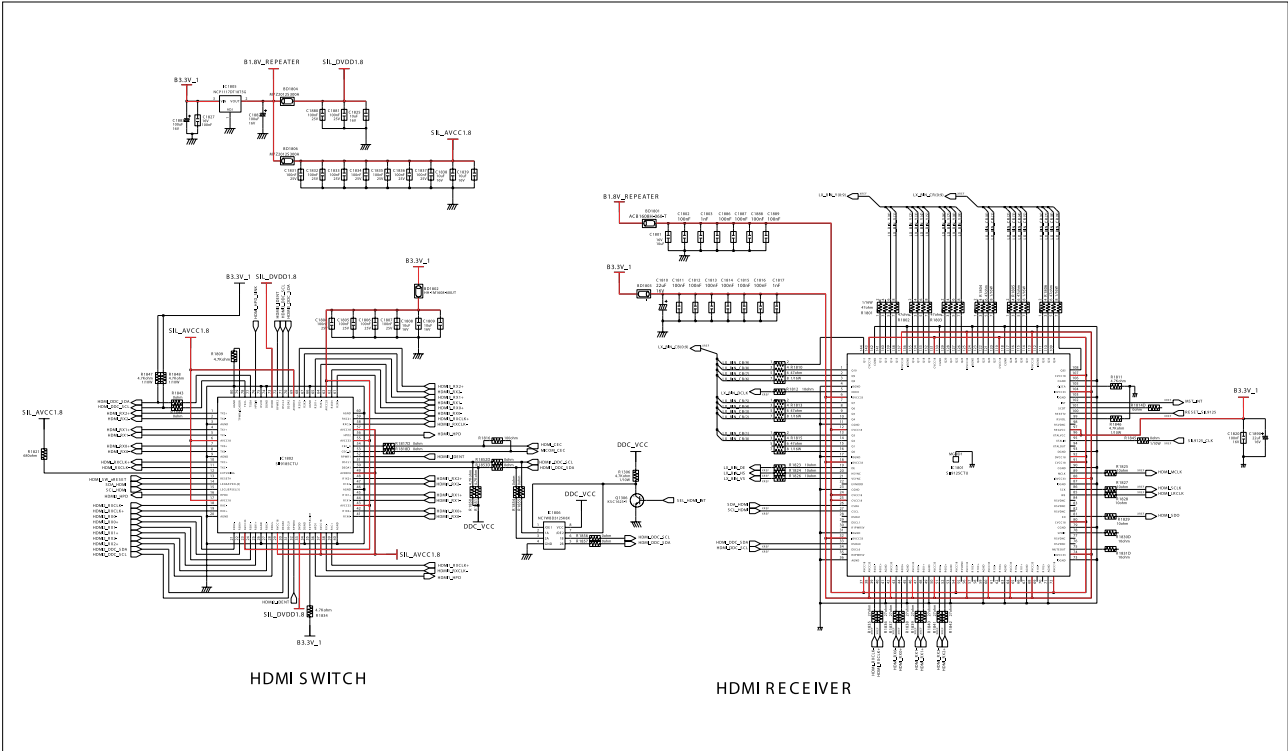




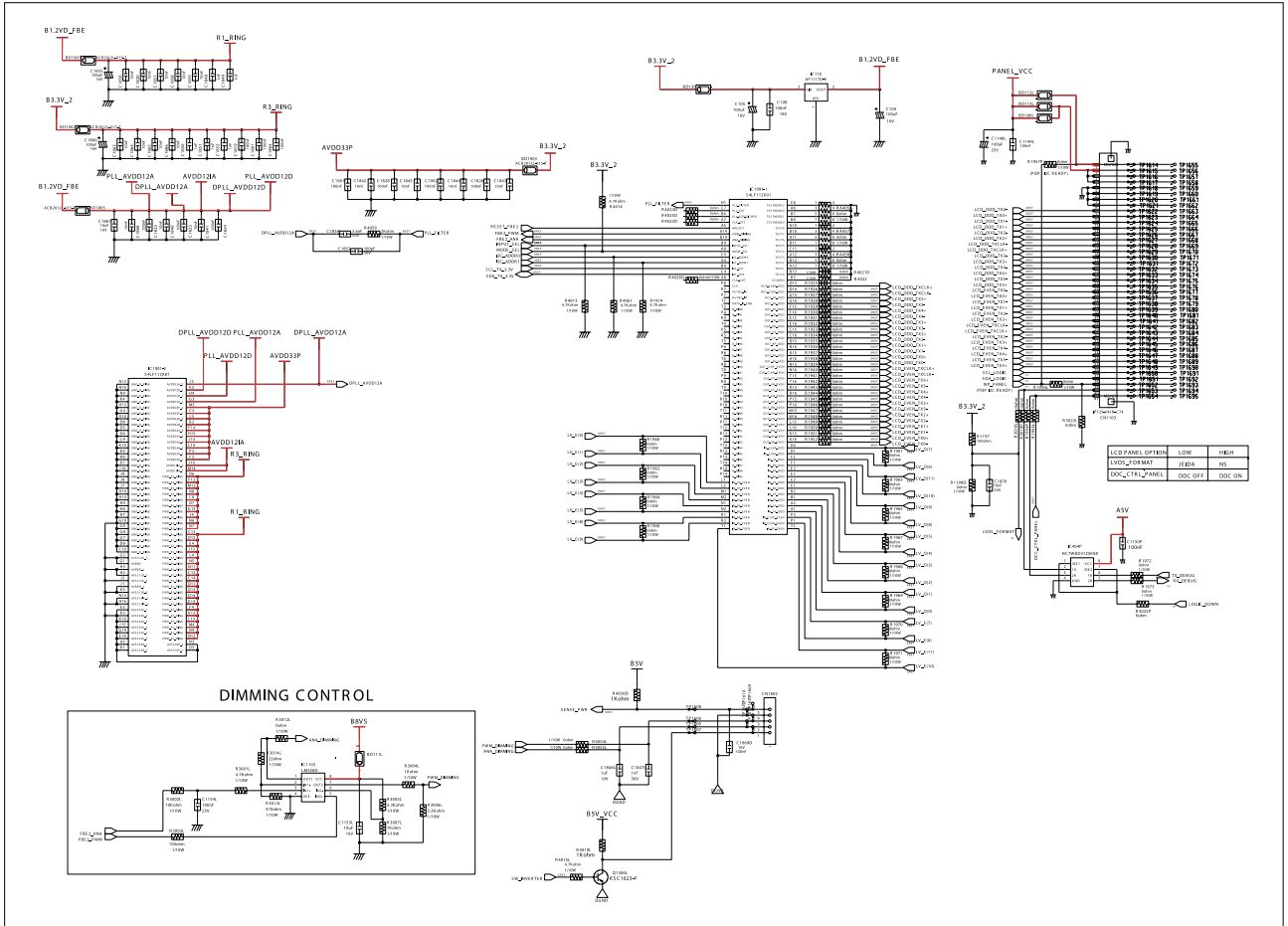
### 7-2-16. LAKE (POWER BLOCK)



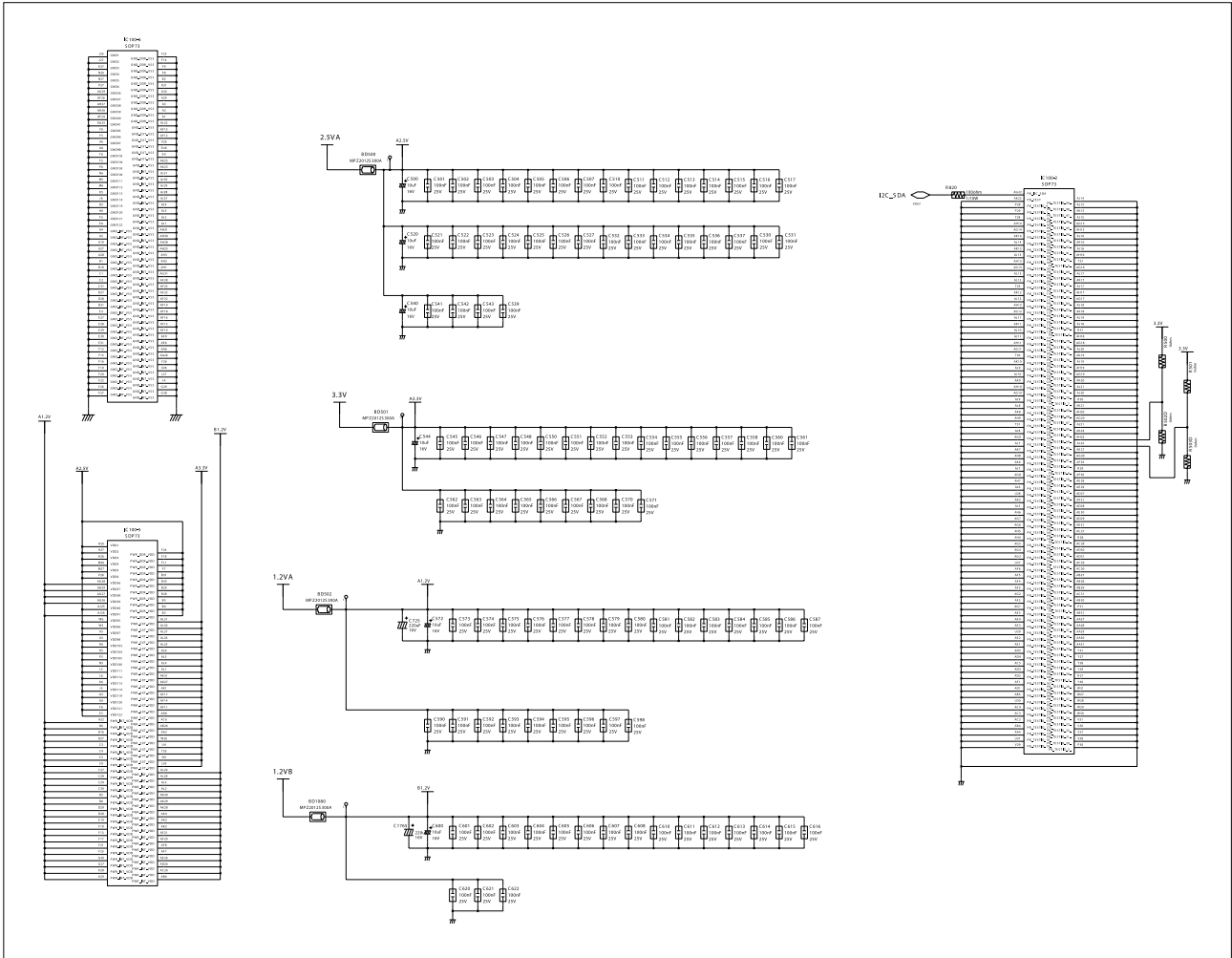
### 7-2-17. SIL9125(HDMI RX)



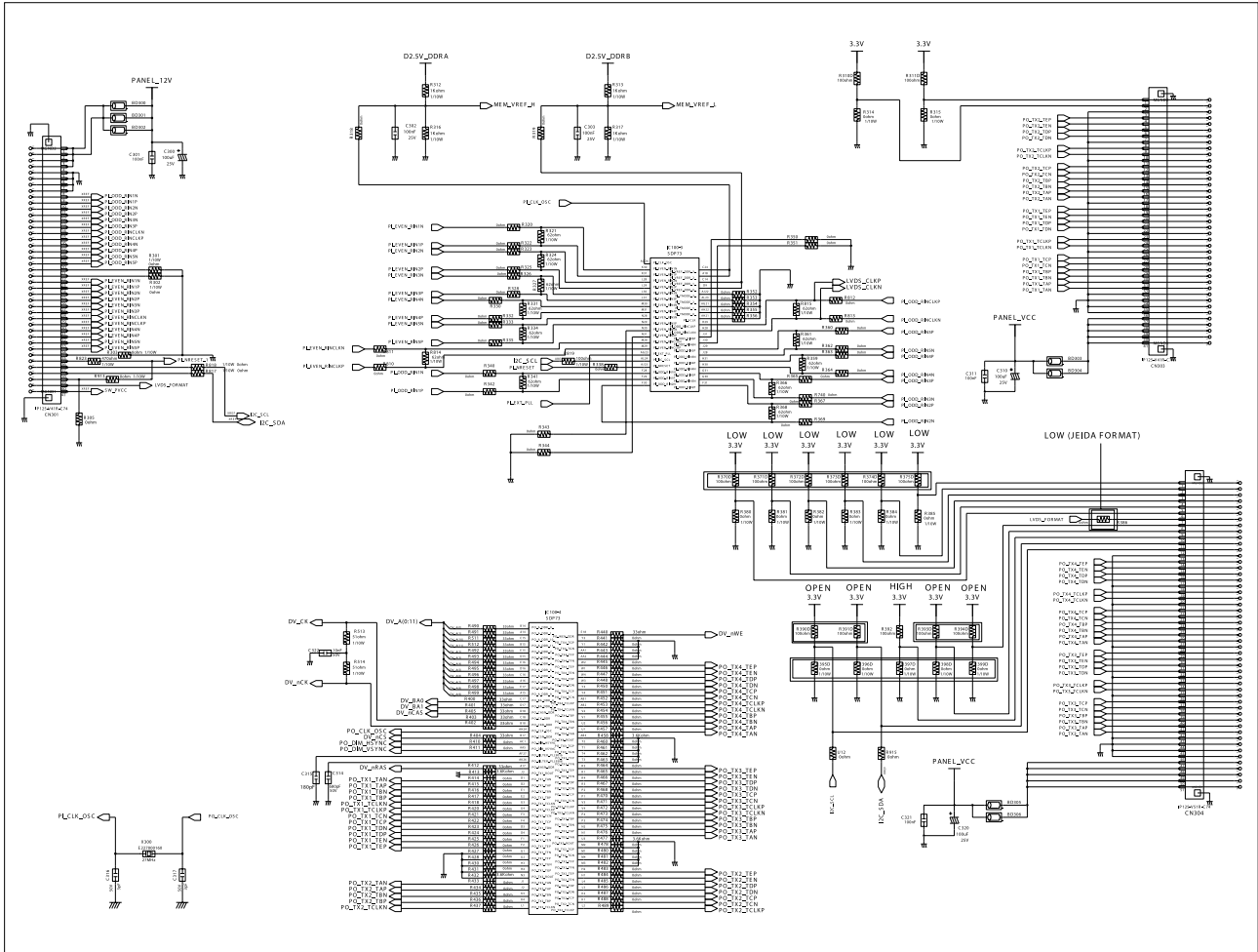
## 7-2-18. SIL9125(HDMI RX)



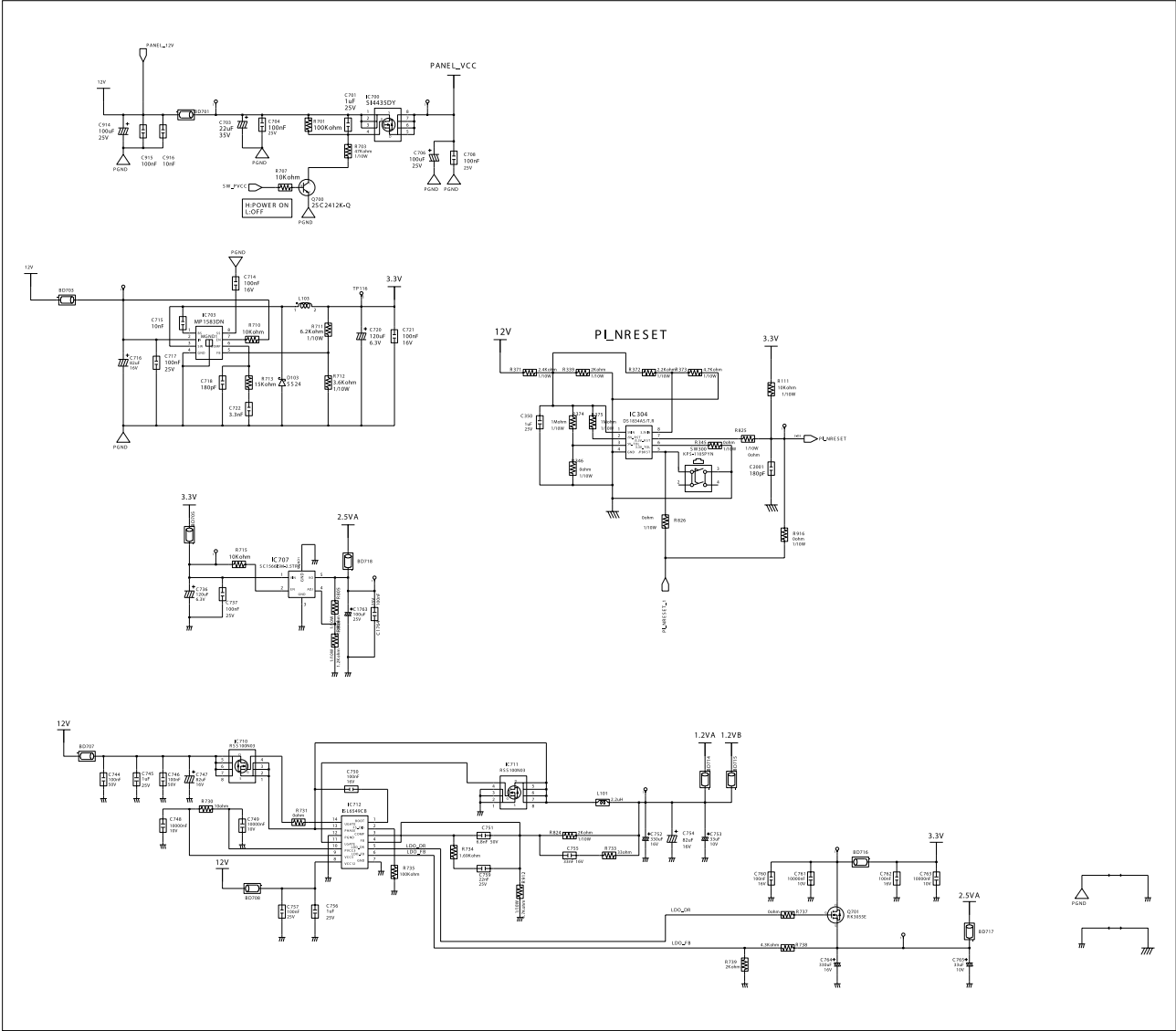
### 7-3-1. FRC BOARD(FRC IC)



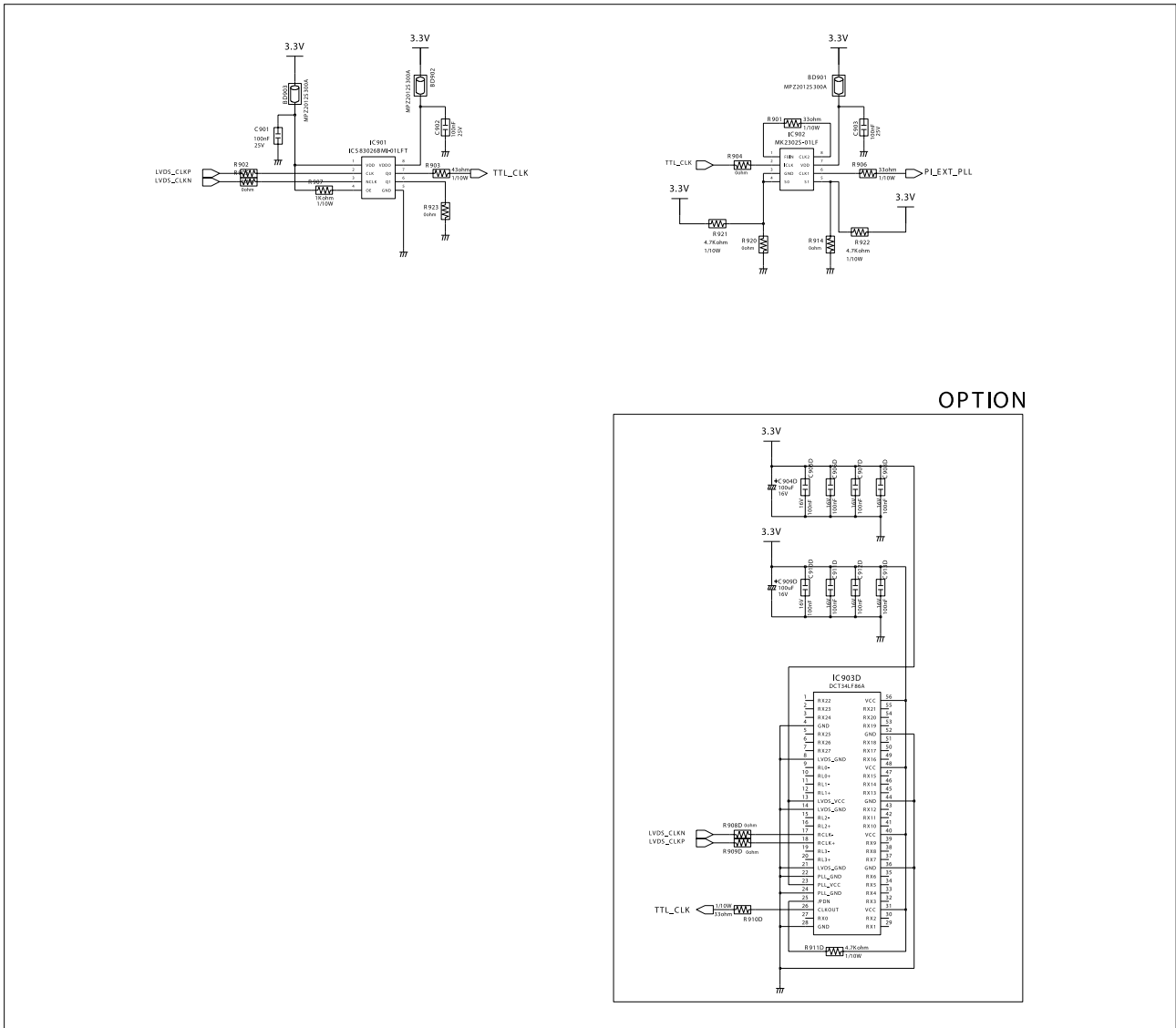
# 7-3-2. FRC BOARD(LVDS IN/OUT)



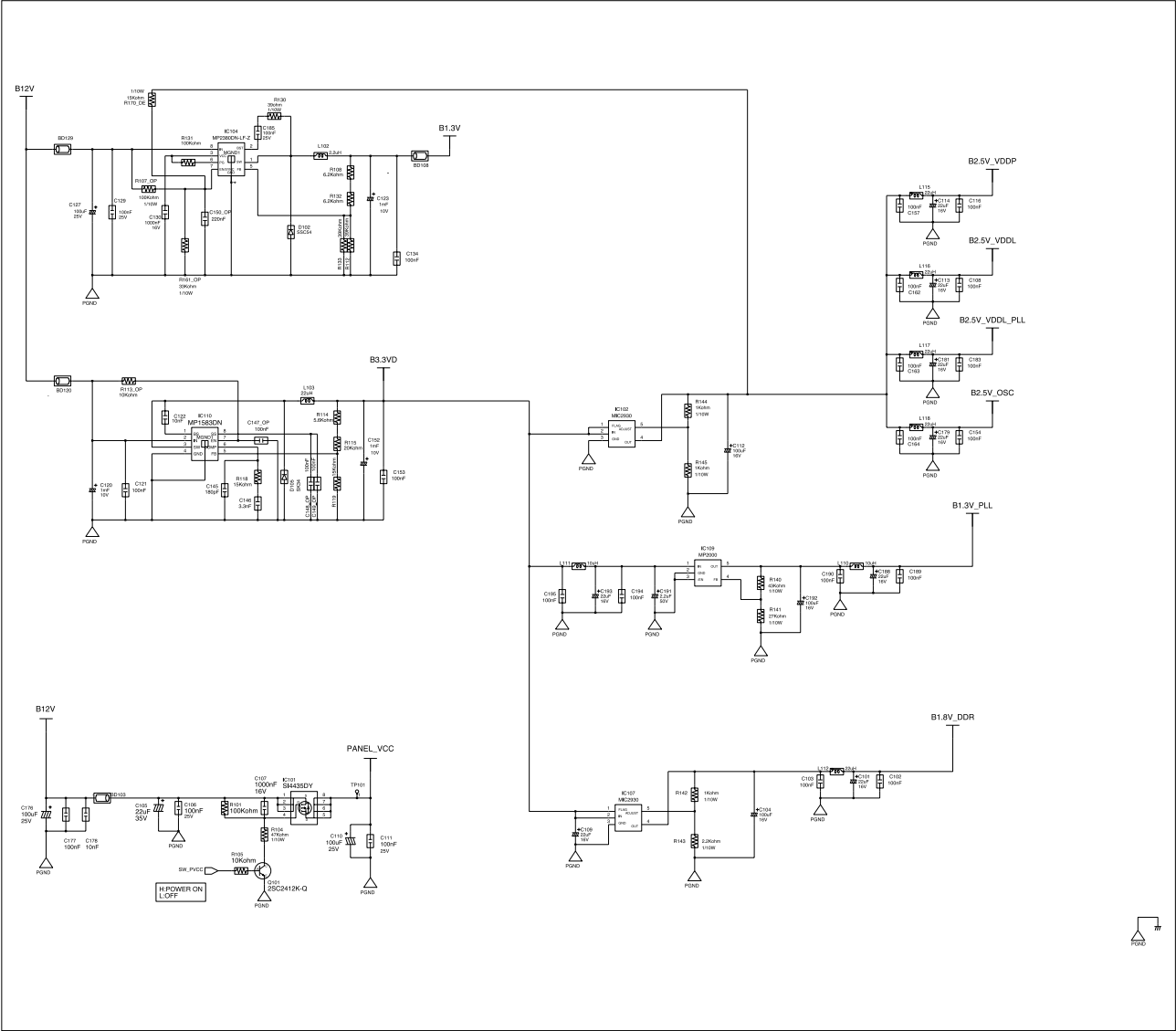
### 7-3-3. FRC BOARD(POWER)



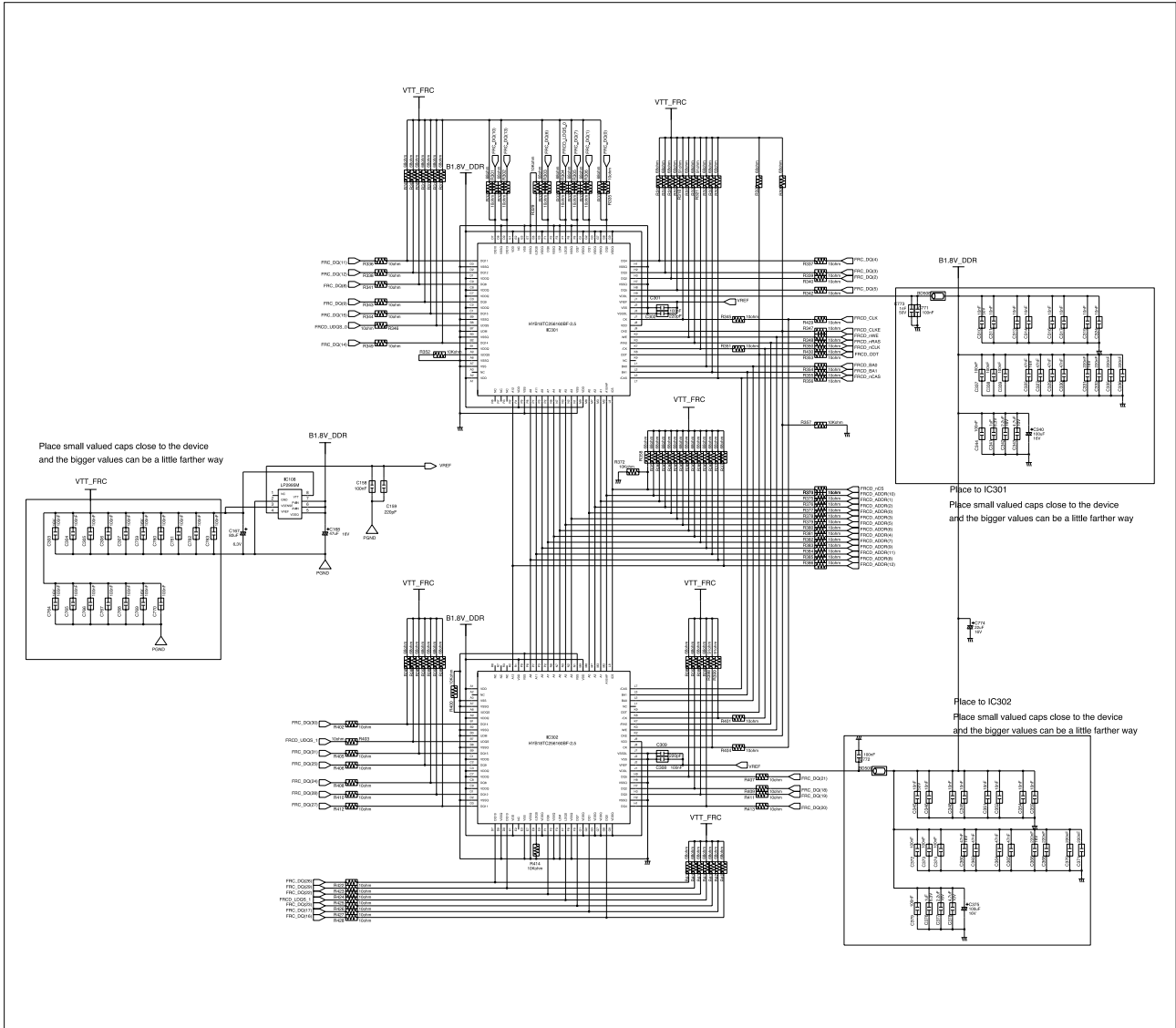
### 7-3-4. FRC BOARD(PLL)



### 7-3-5. FRCM\_POWER

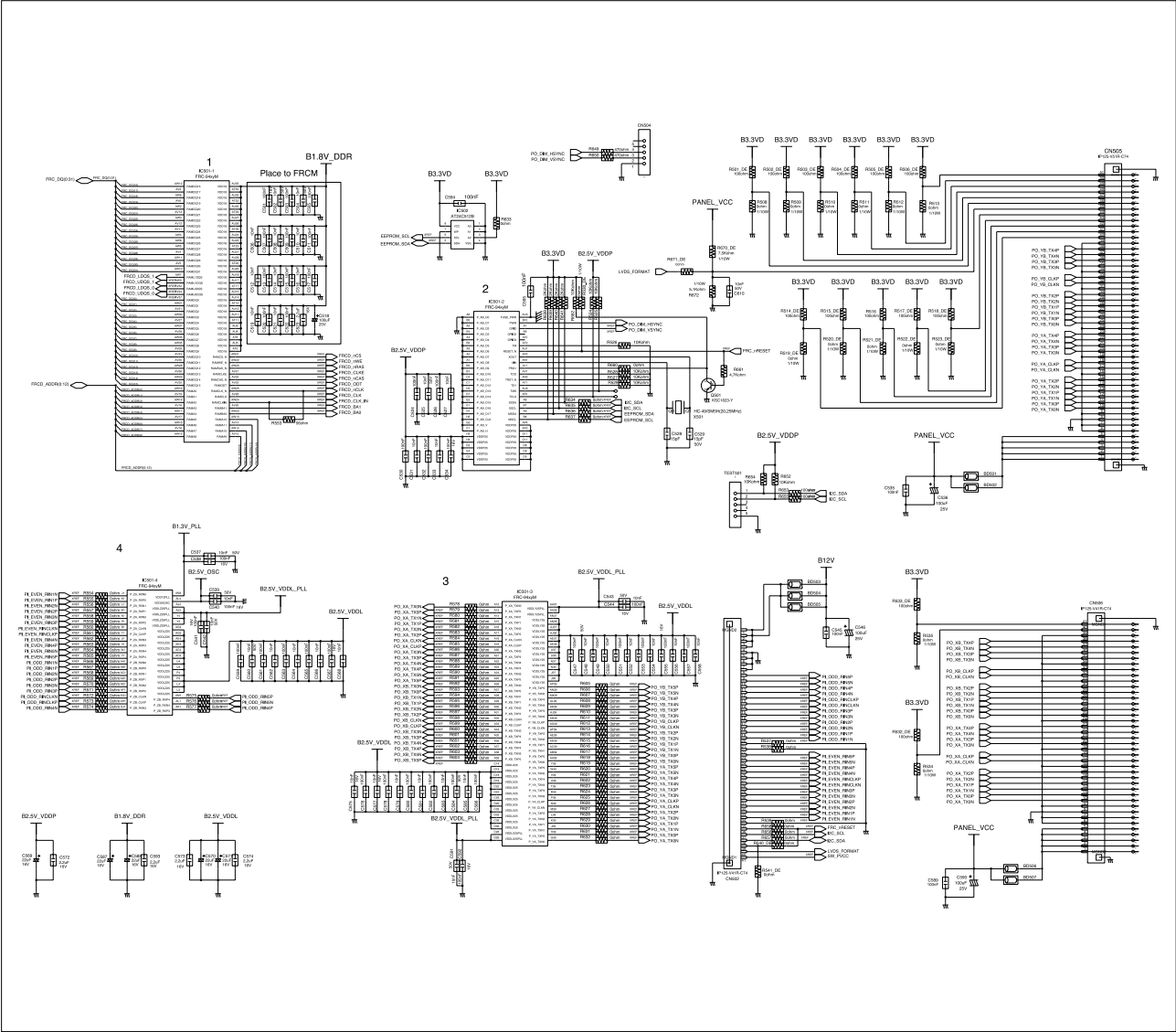


### 7-3-6. FRCM\_MEMORY





7-3-7. FRCM\_1



# 7-3-8. FRCM\_2

