

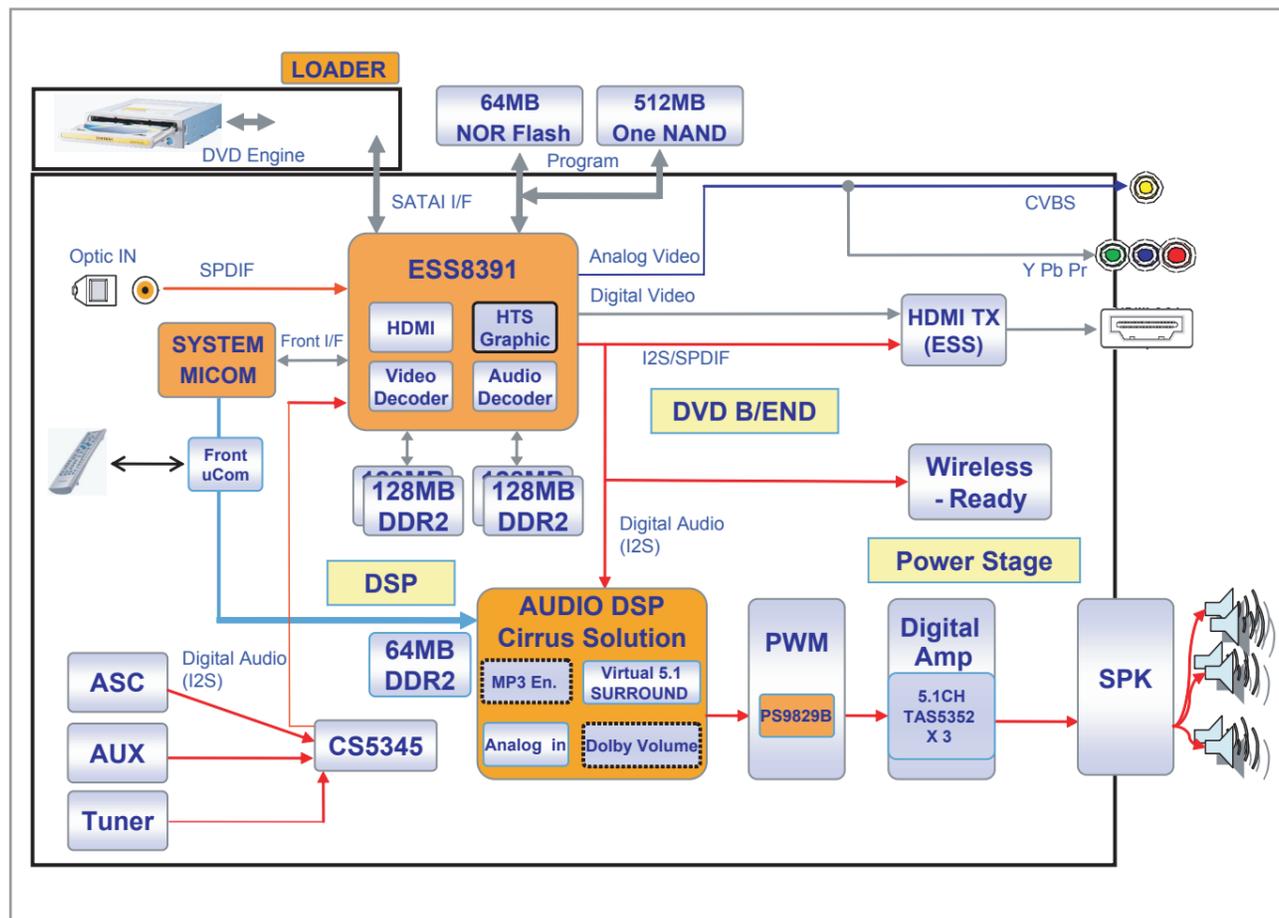
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## 7. Schematic Diagram

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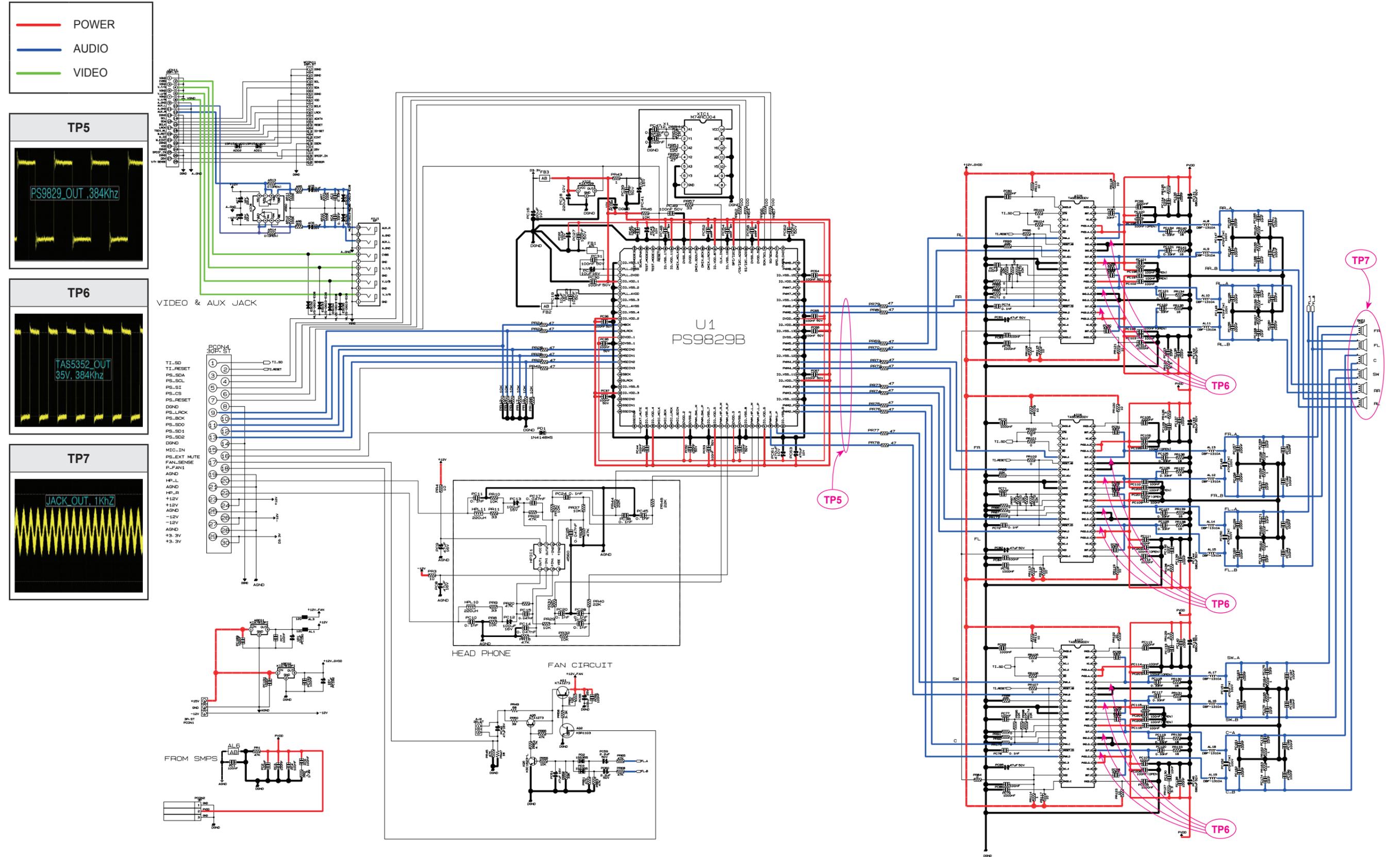
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## 7-1 Overall Block Diagram

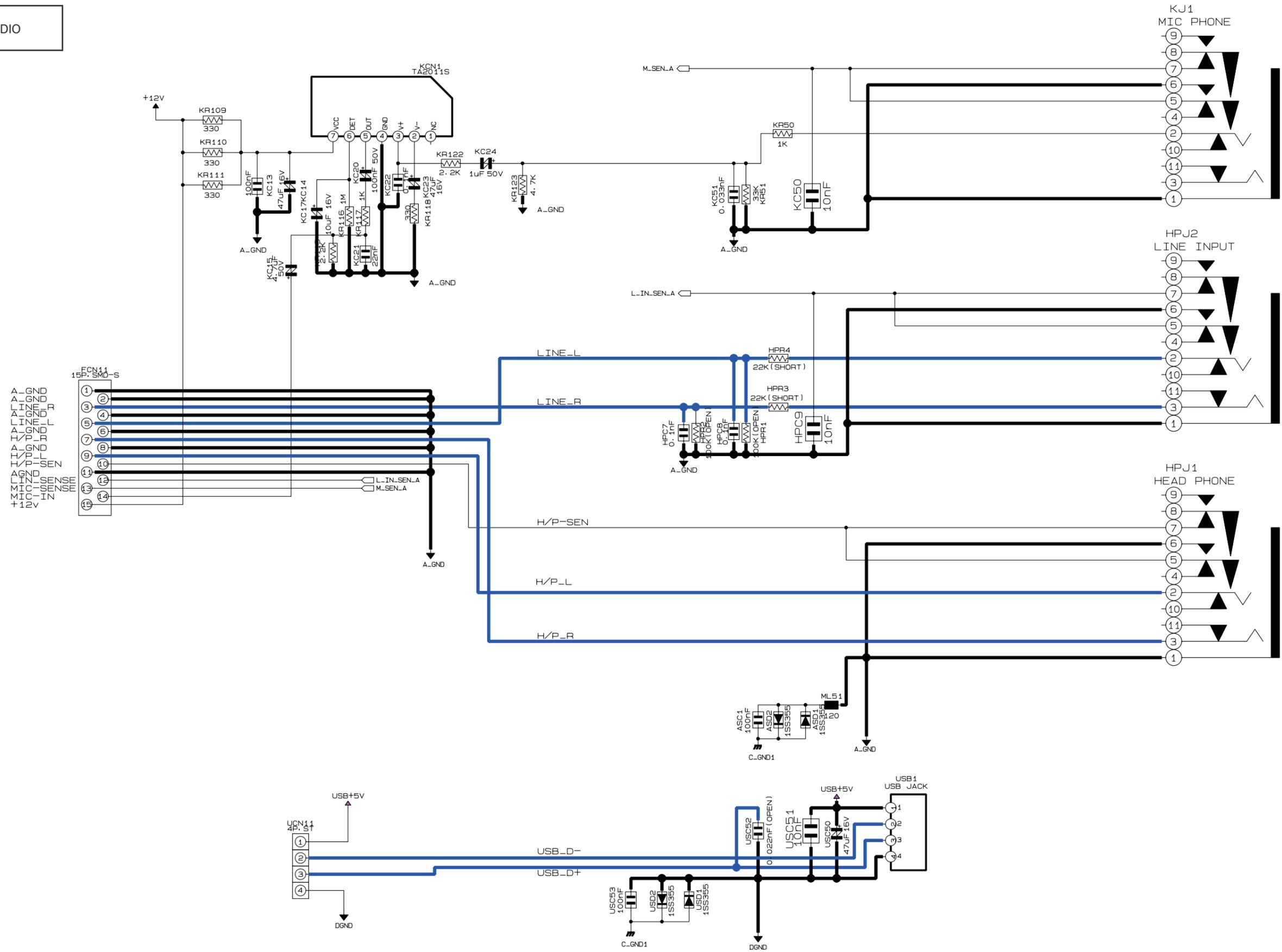


- In terms of AUDIO.
- In Digital In mode, SPDIF signal goes into MPEG (ES8391).
- In AUX 1/2, TUNER mode, ASC, Analog Audio signal goes into A/DC (CS5345) and converted I2S signal and goes to MPEG (ES8391).
- MPEG (ES8391) outputs I2S and it goes into DSP (CS48540) and Equalized and it goes into PWM (PS9829B).
- The output signal of PWM (PS9829B) goes into AMP (TAS5352) and it is SPEAKER Output.
- In terms of VIDEO.
- DVD Loader outputs RF signal and MPEG (ES8391) get RF signal and Decoded.
- MPEG (ES8391) outputs Analog Video signal (Composite, Component Video) and outputs 32bits Digital Video signal to HDMI TX (ES7108) and it converted TMDS signal and it is HDMI video Output.

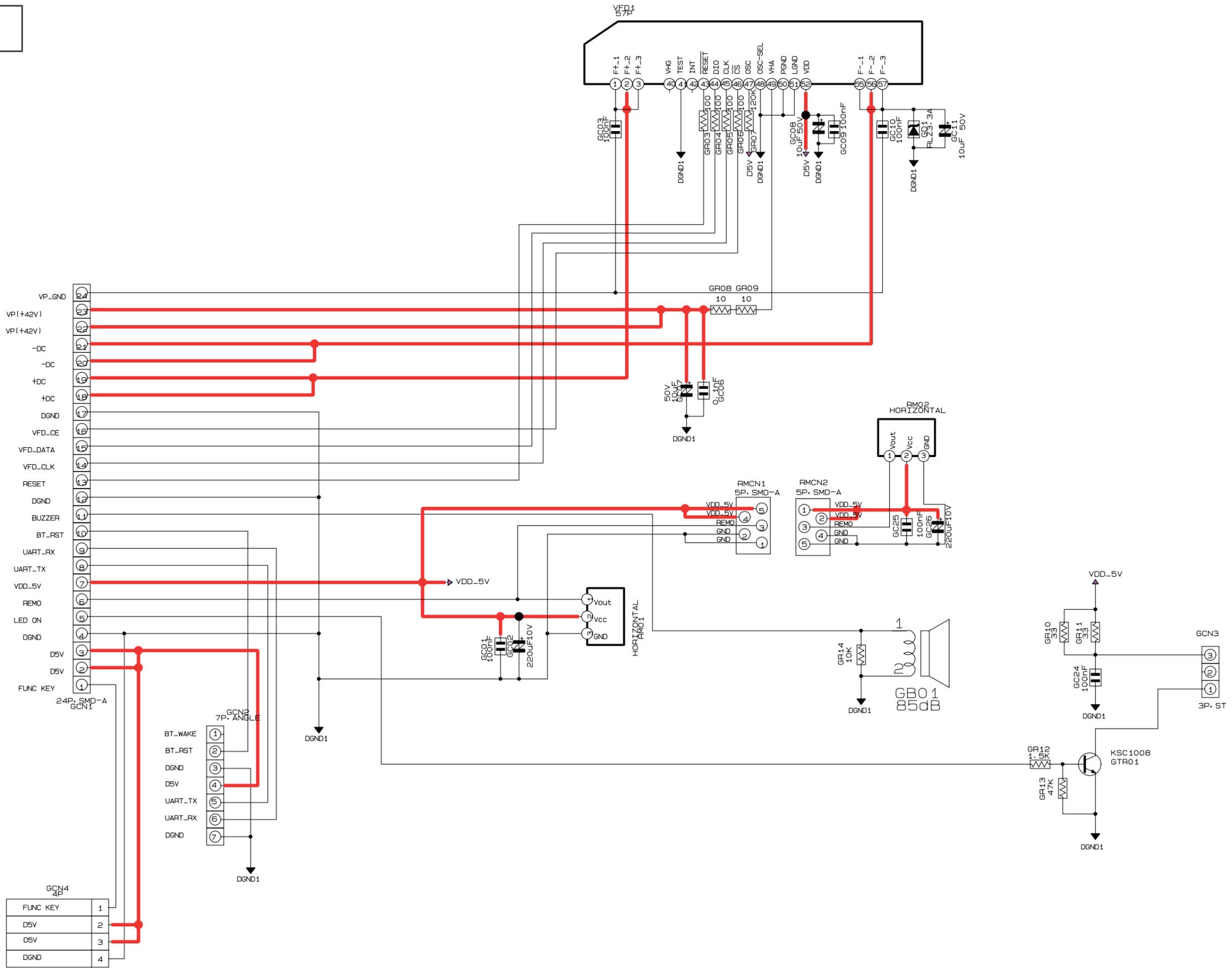
### 7-2 AMP-PWM



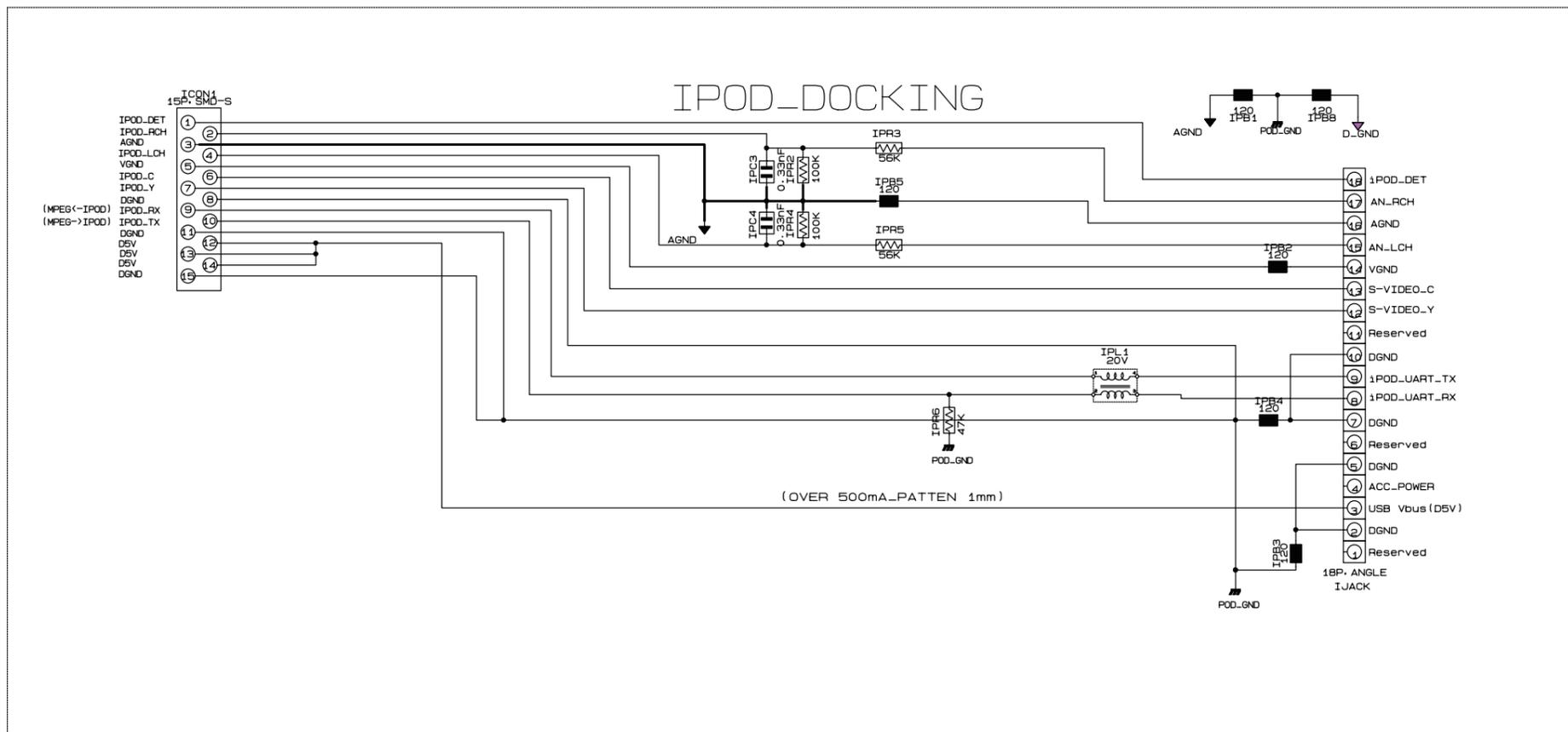
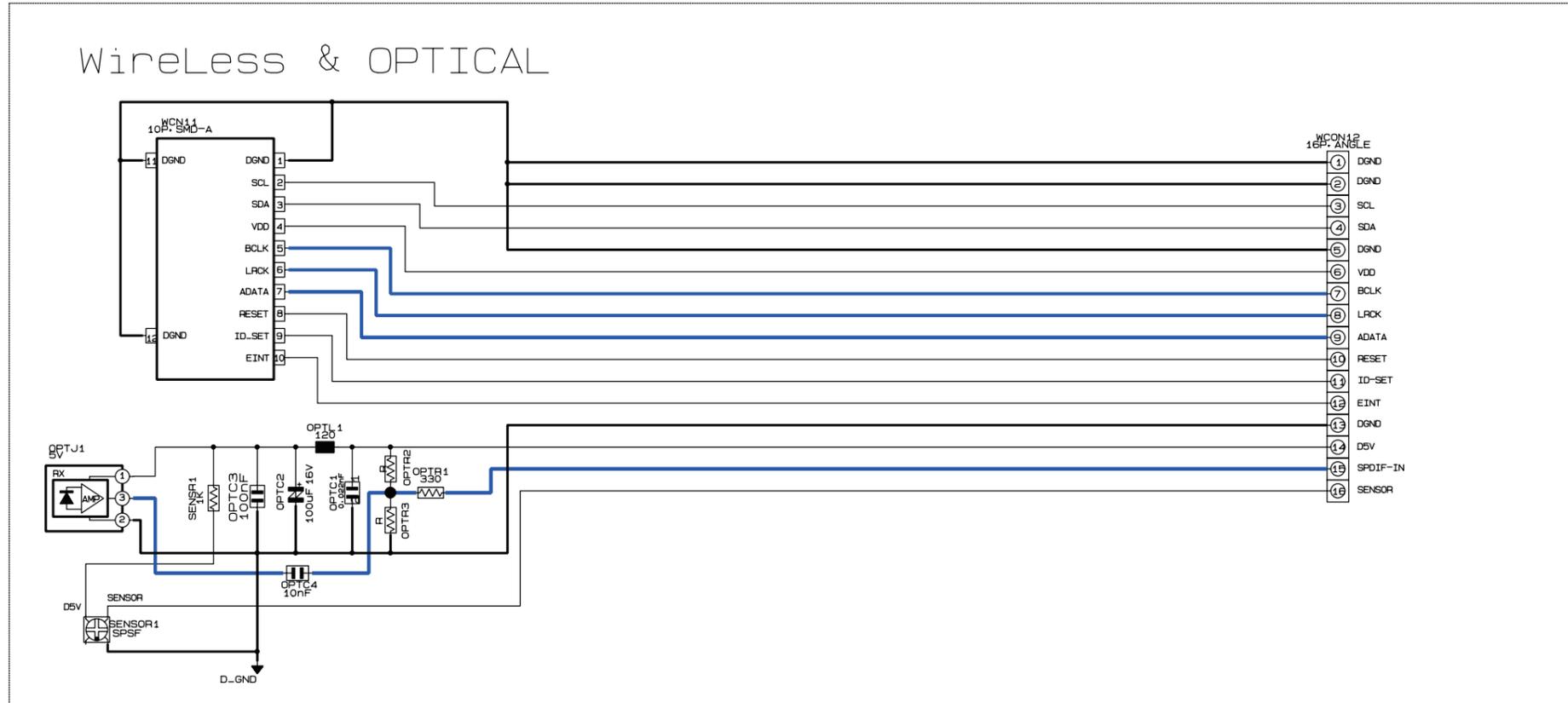
### 7-3 AMP-USB



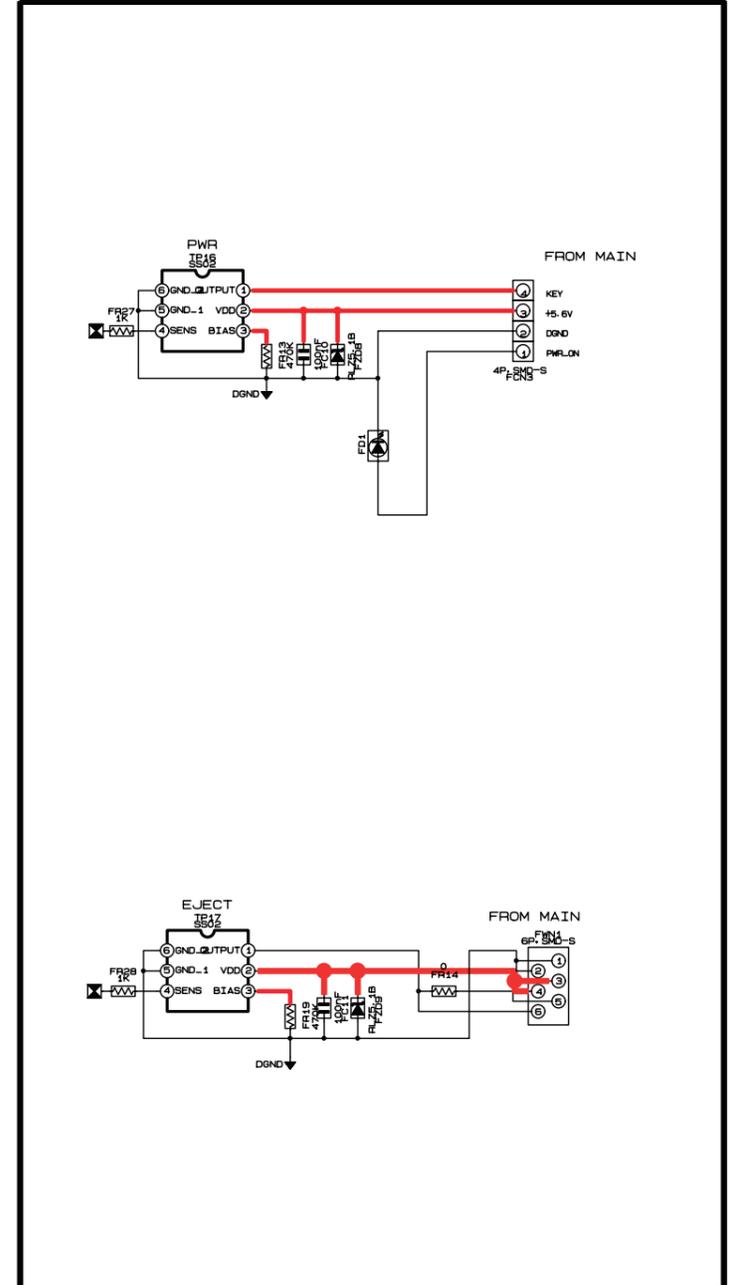
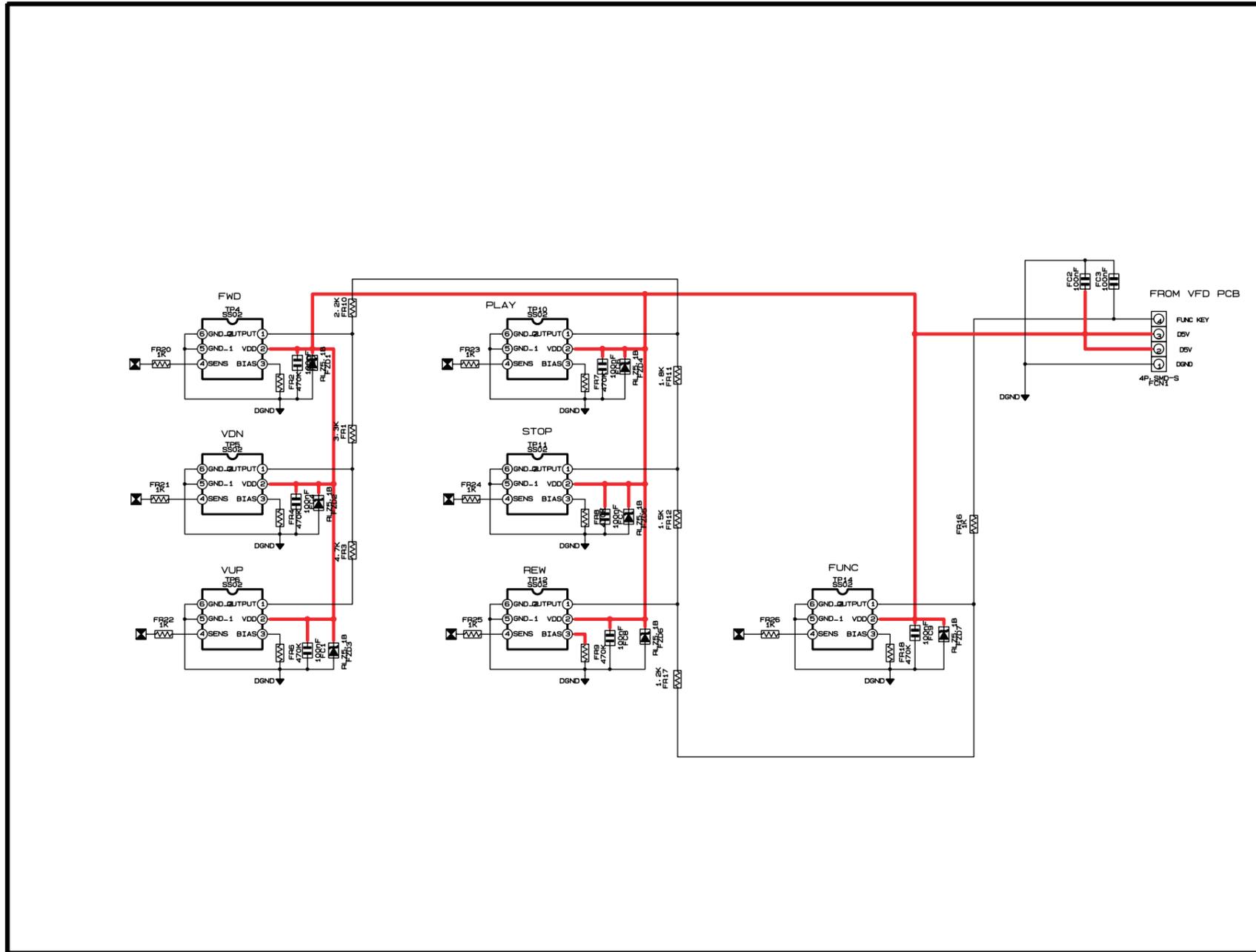
# 7-4 AMP-VFD



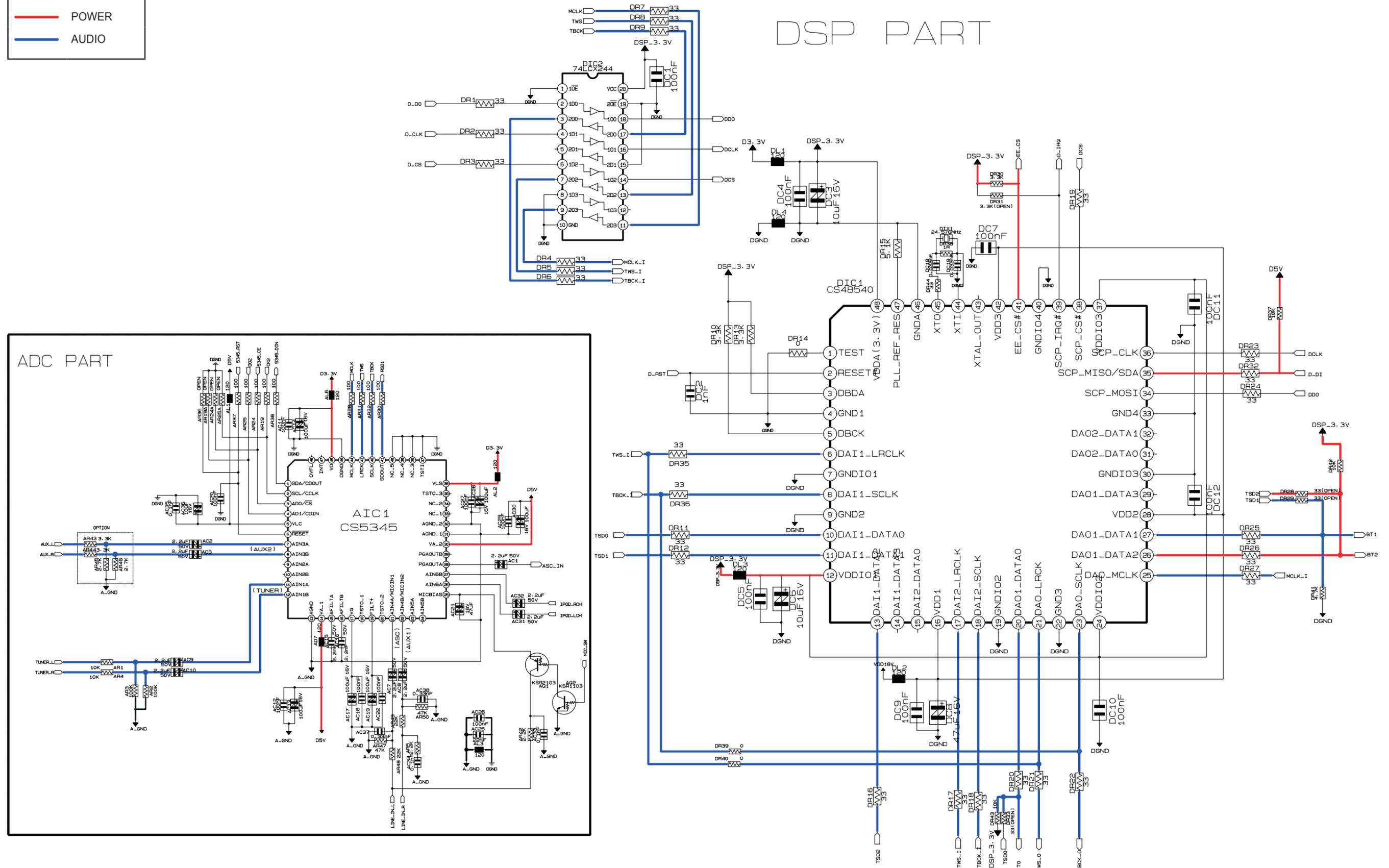
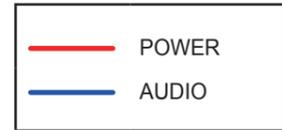
### 7-5 AMP-WIRELESS



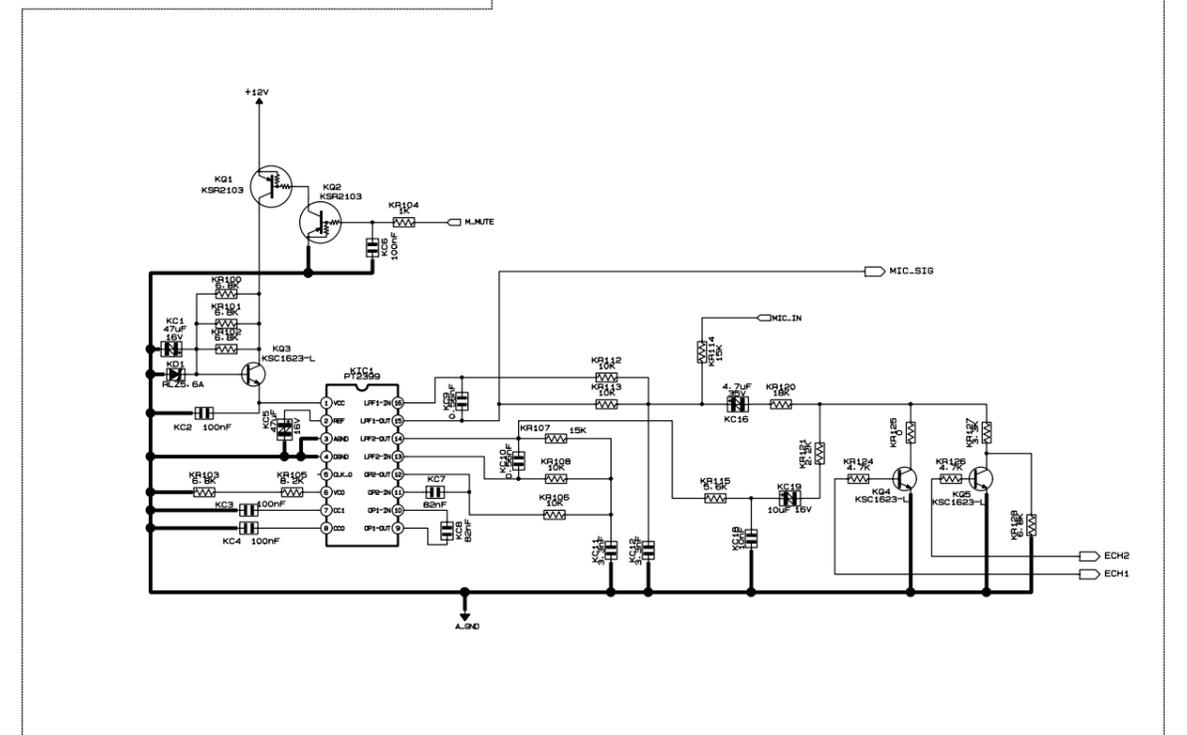
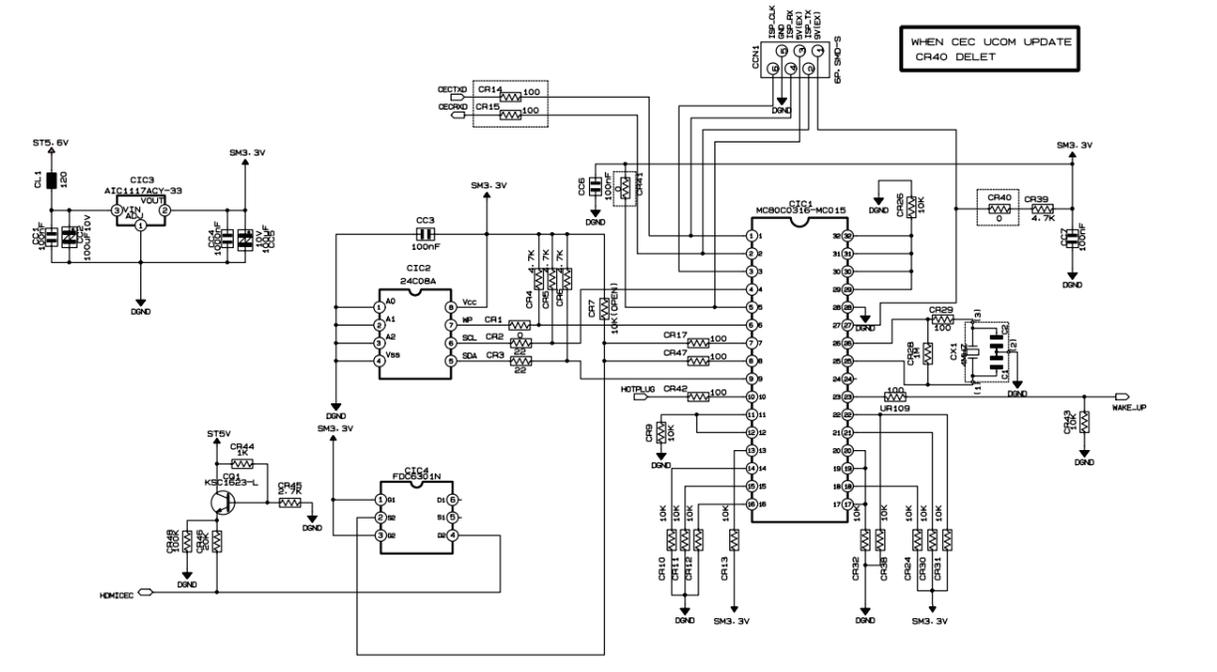
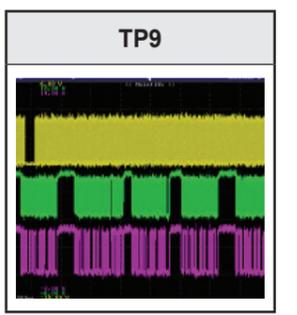
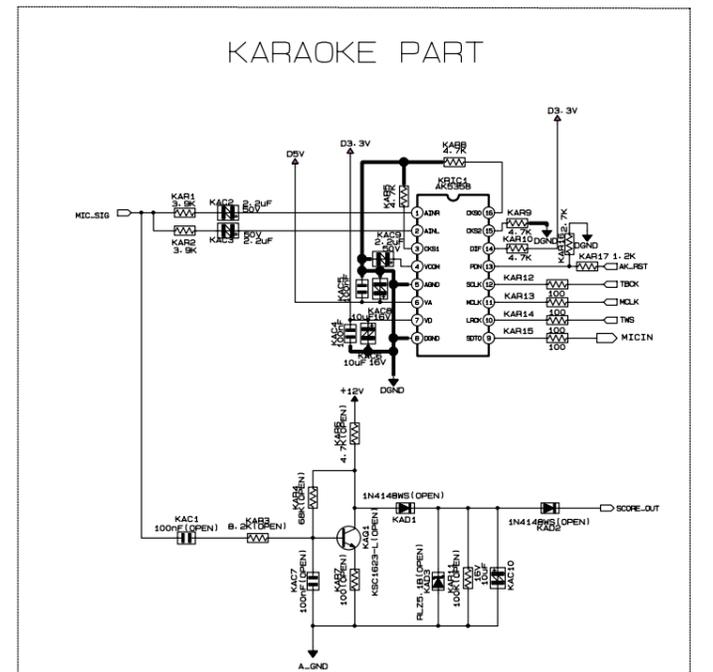
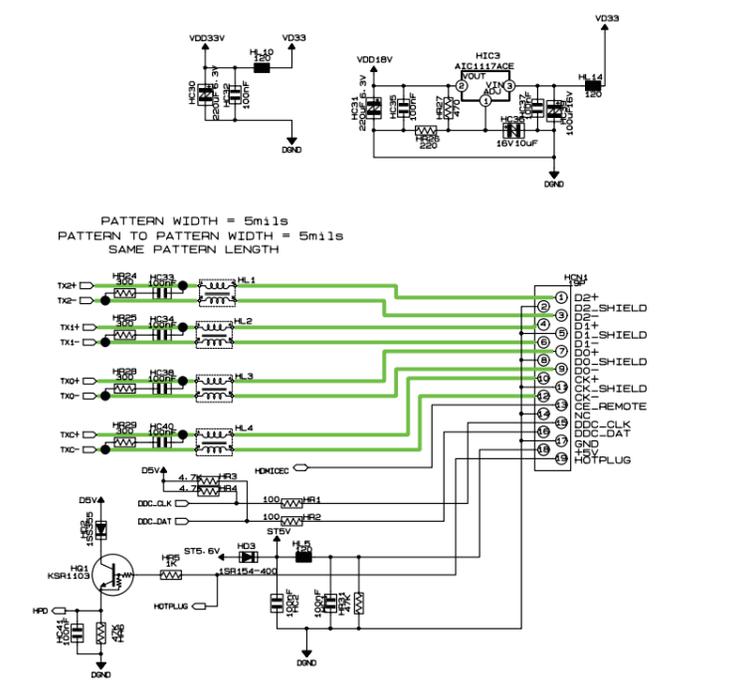
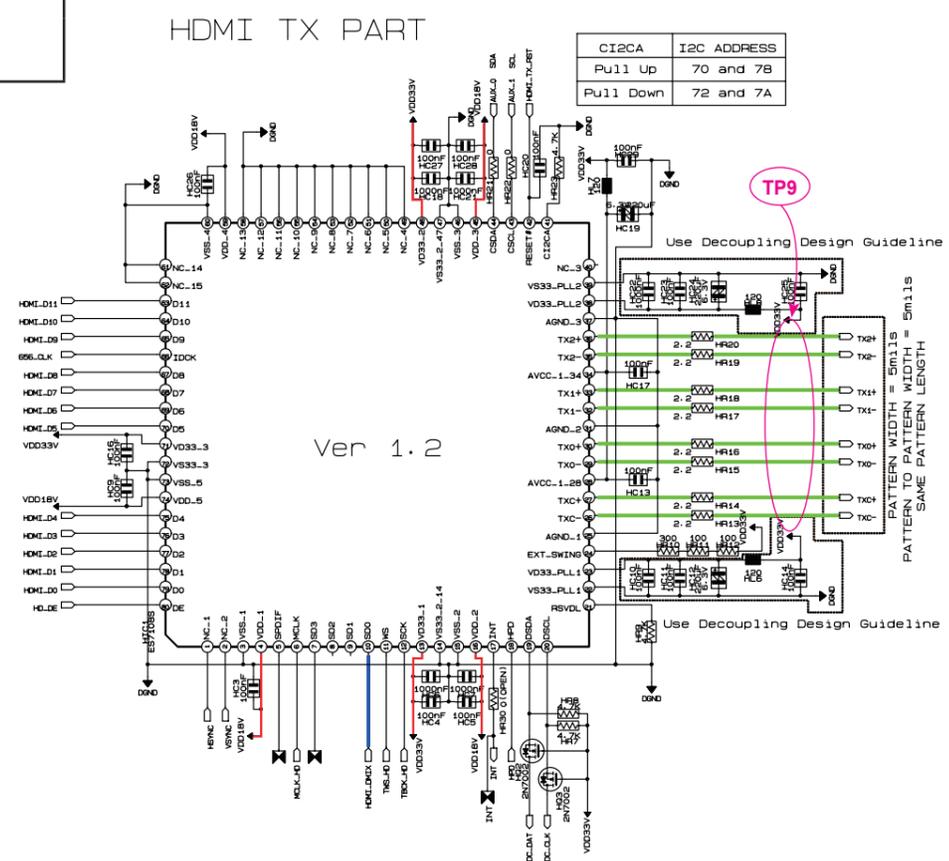
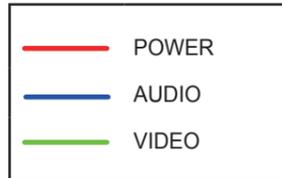
7-6 KEY



### 7-7 MAIN-ADC/DSP

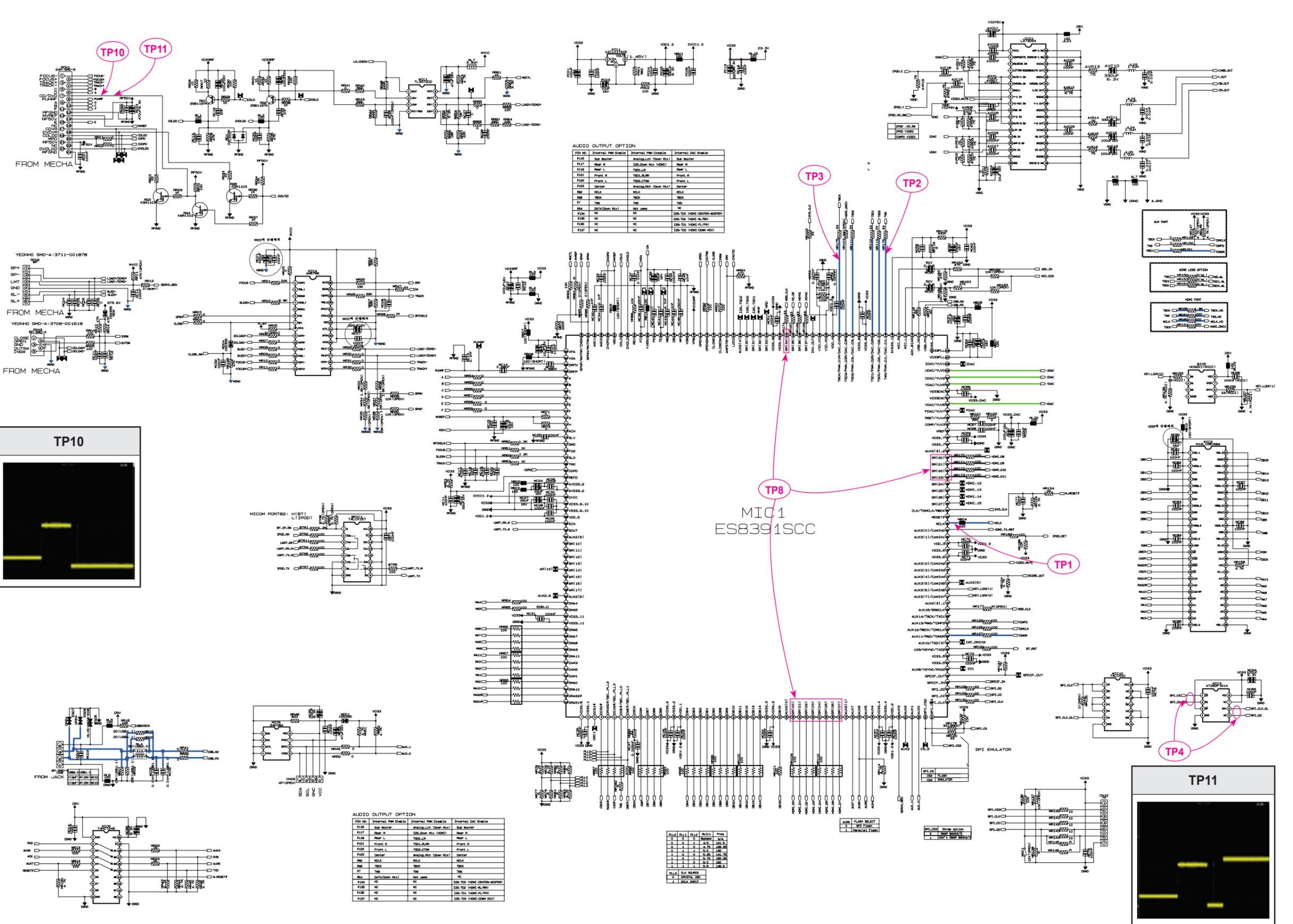
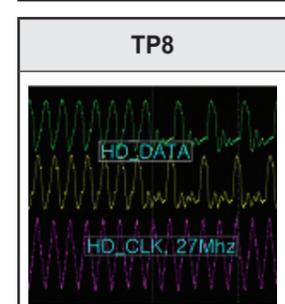
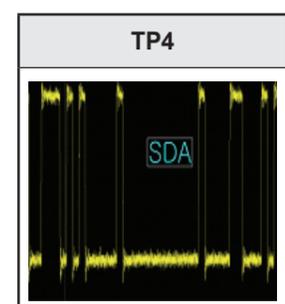
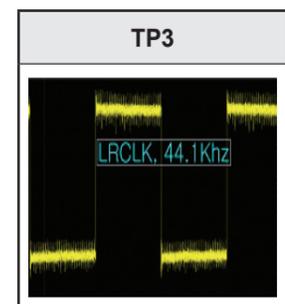
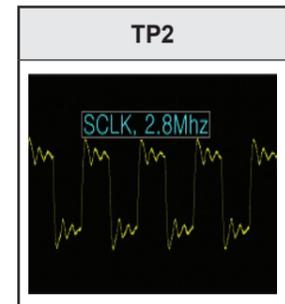
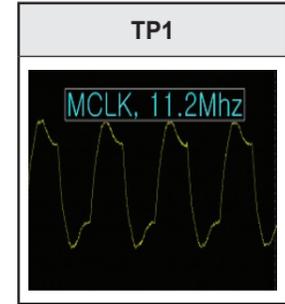


# 7-8 MAIN-HDMI

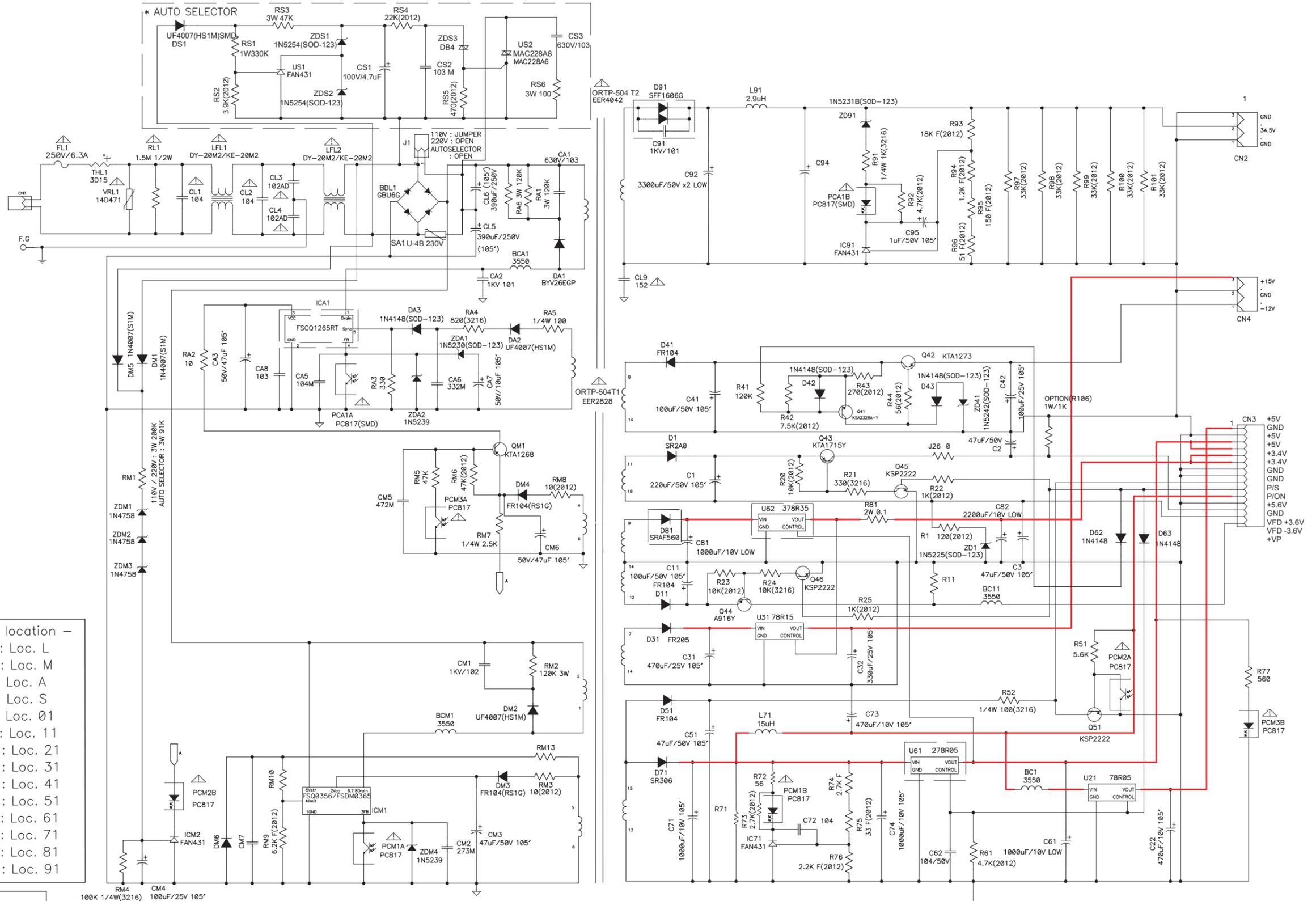




# 7-10 MAIN-MPEG



# 7-11 SMPS



- Part location -
- LINE : Loc. L
  - PDVD : Loc. M
  - PAMP : Loc. A
  - SELE. : Loc. S
  - VFD : Loc. 01
  - VP : Loc. 11
  - +08V : Loc. 21
  - +12V : Loc. 31
  - 12V : Loc. 41
  - P\_S : Loc. 51
  - +5.0V : Loc. 61
  - +5.6V : Loc. 71
  - +3.3V : Loc. 81
  - +35V : Loc. 91

- ⬇ ; F.G
- ⬇ ; PRIMARY
- ⬇ ; SECONDARY

**CAUTION**

(The shapes shaded or marked with designate components which have special characteristics important for safety.)