Car Audio

DV-9812 CIRCUIT OPERATION PRINCIPLE DESCRIPTION

Main control Circuit (fig1) deal with DSP (Digital Signal Process) and power control.
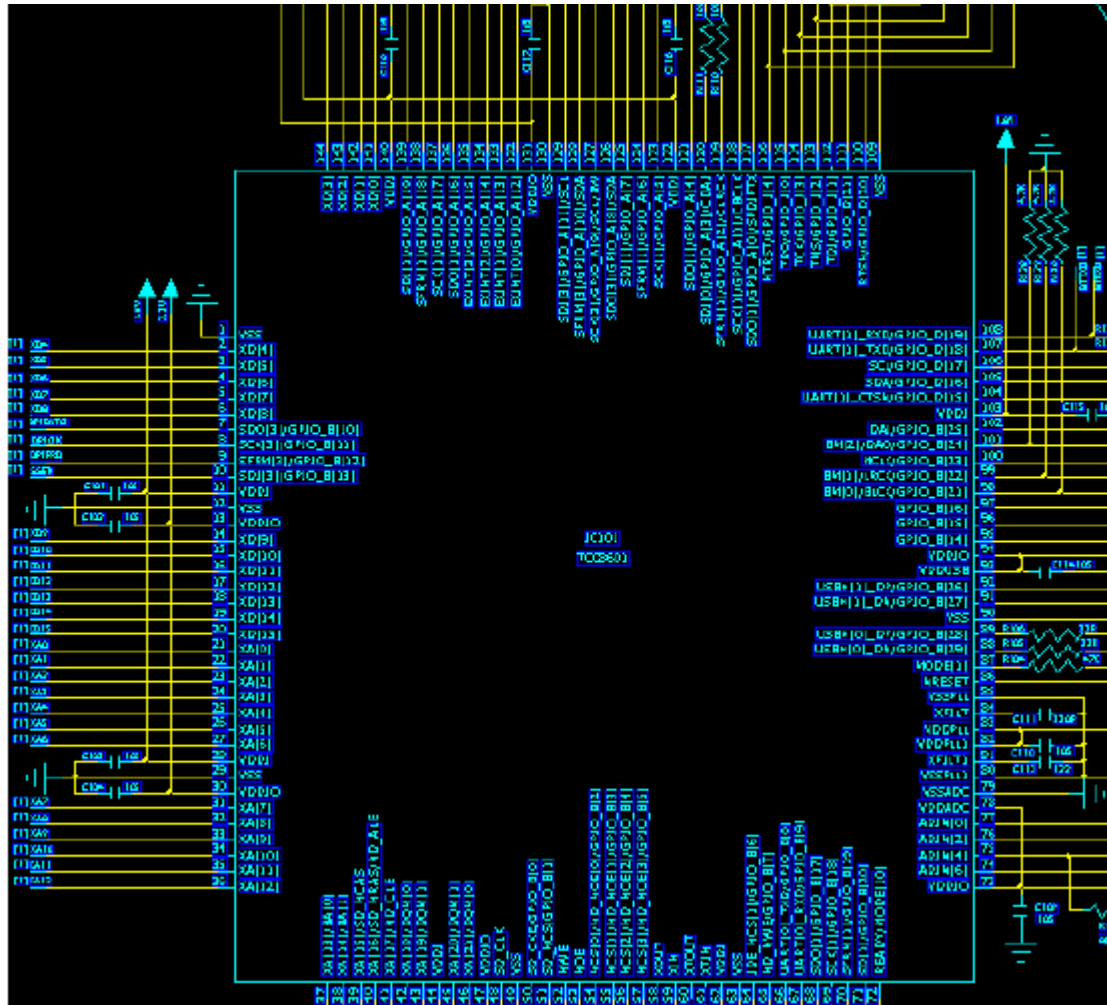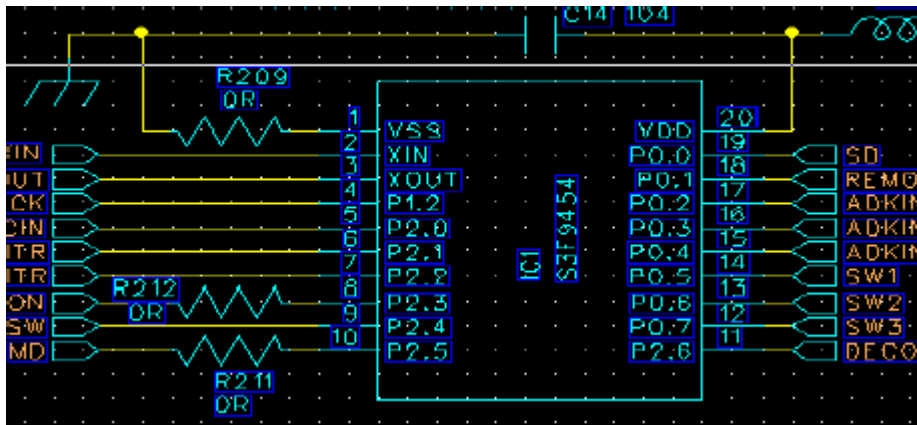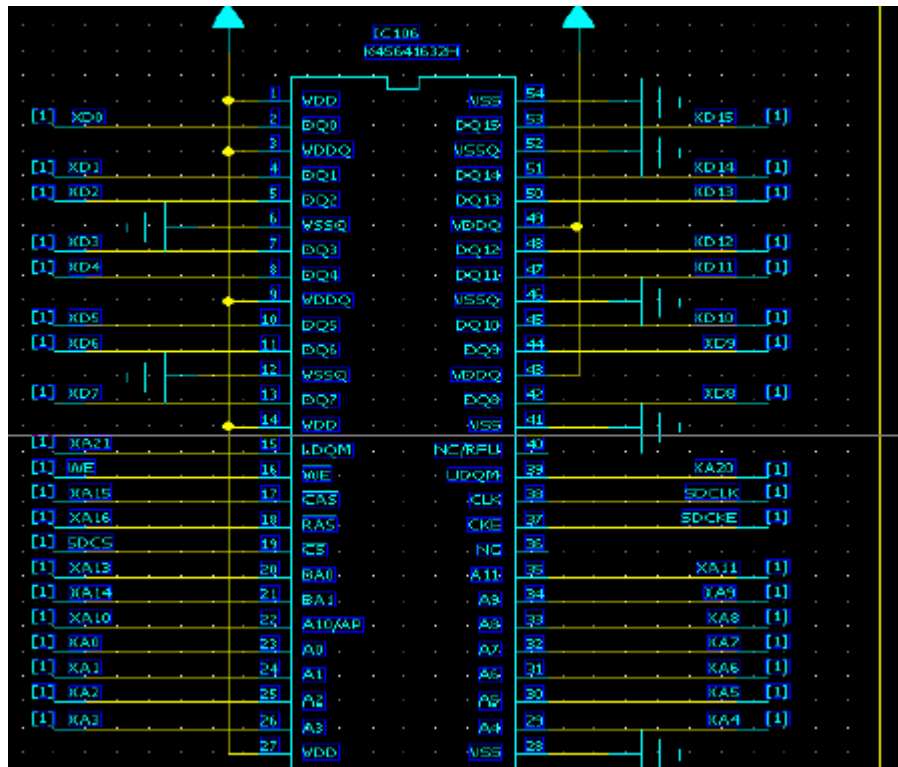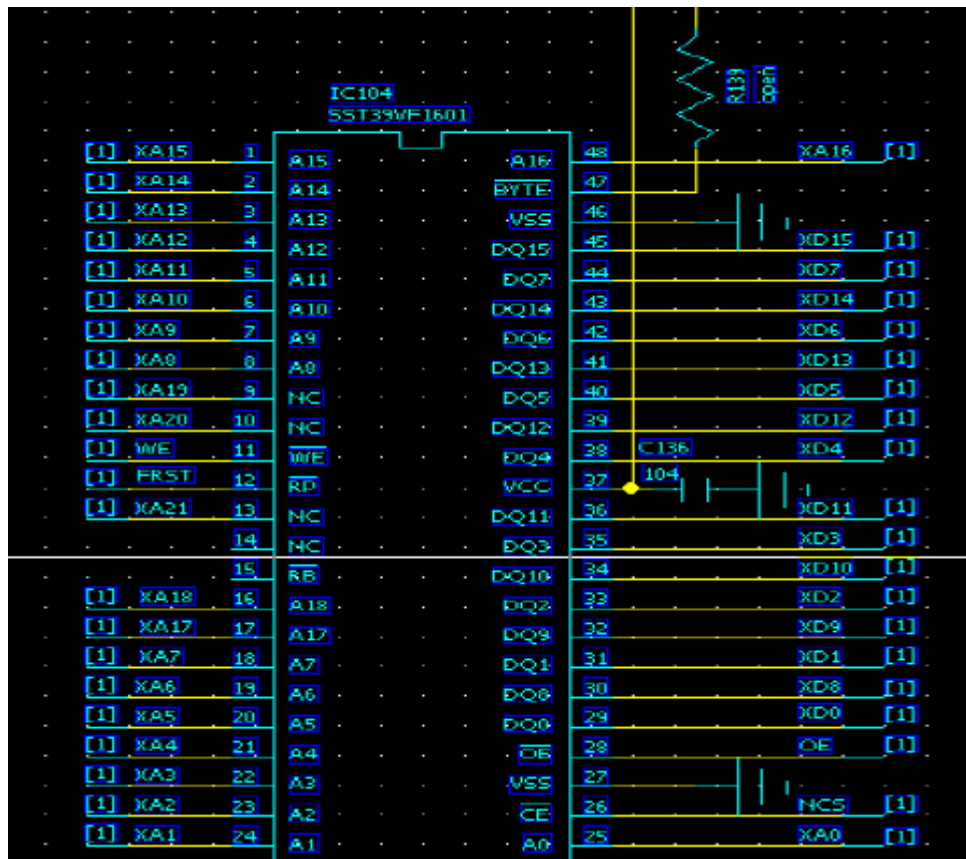Fig1a

Fig1b

SDRAM circuit (fig2) used for store un-processed digital signal.

Fig2

NOR-FLASH circuit (fig3) used for store the system software and last memory data.

Fig3

Audio Process (fig4) used for audio amplifier. (fig5) used for sub-woofer amplifier.
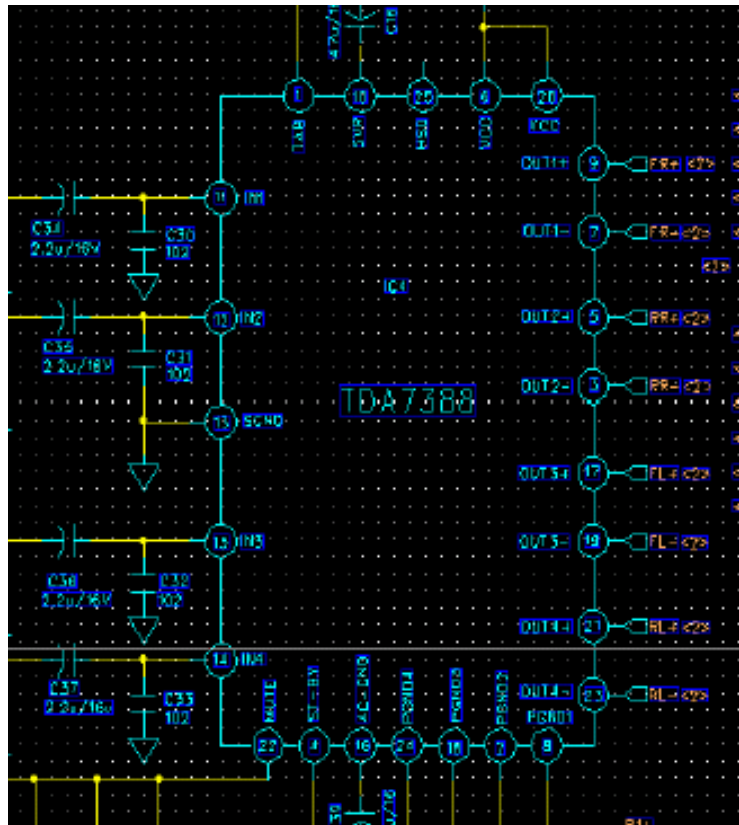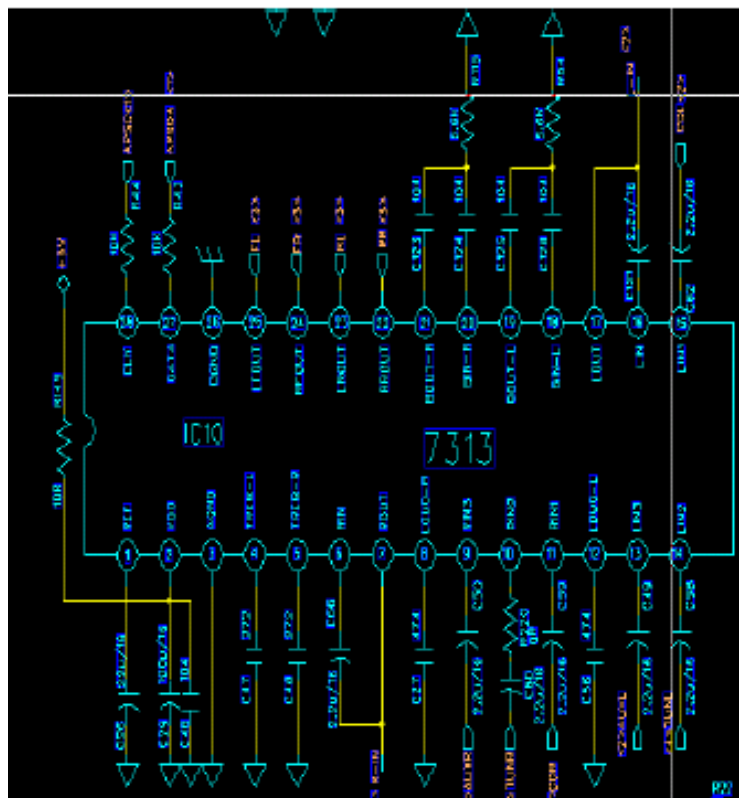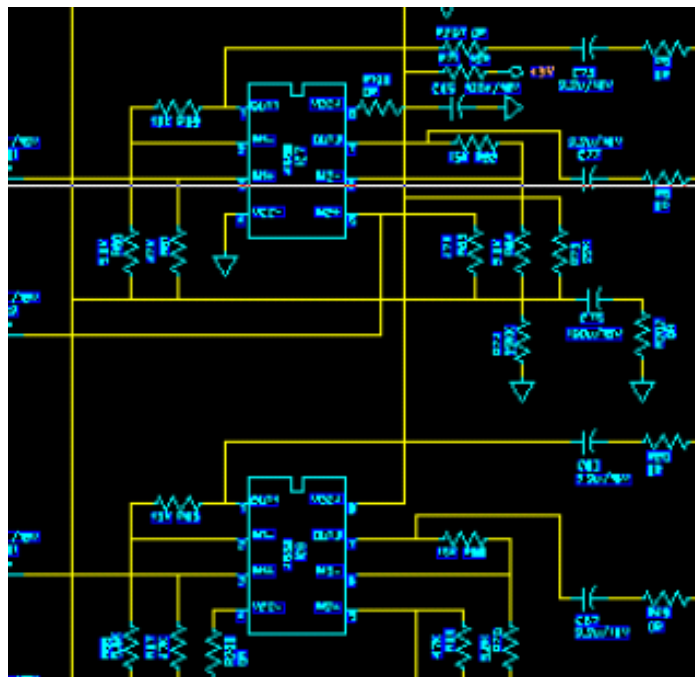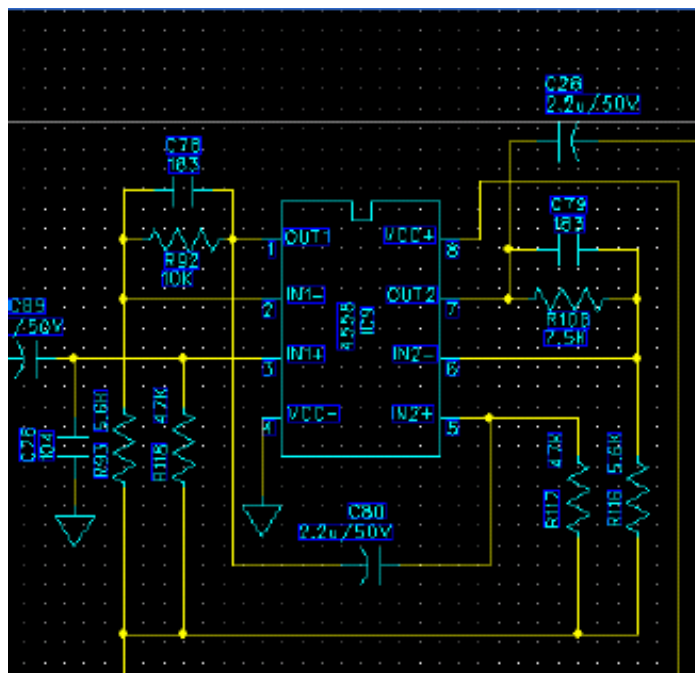
Fig4a

fig4b

Fig4c

fig5

D/A converse (fig6) used for converter digital signal to analog signal.
Fig6

Bluetooth part(fig7)
Fig7

CD playing (fig8) used for RF amplifying and servo process. (fig9) used for playing disc digital signal   process. (fig10)   used for motor driving.
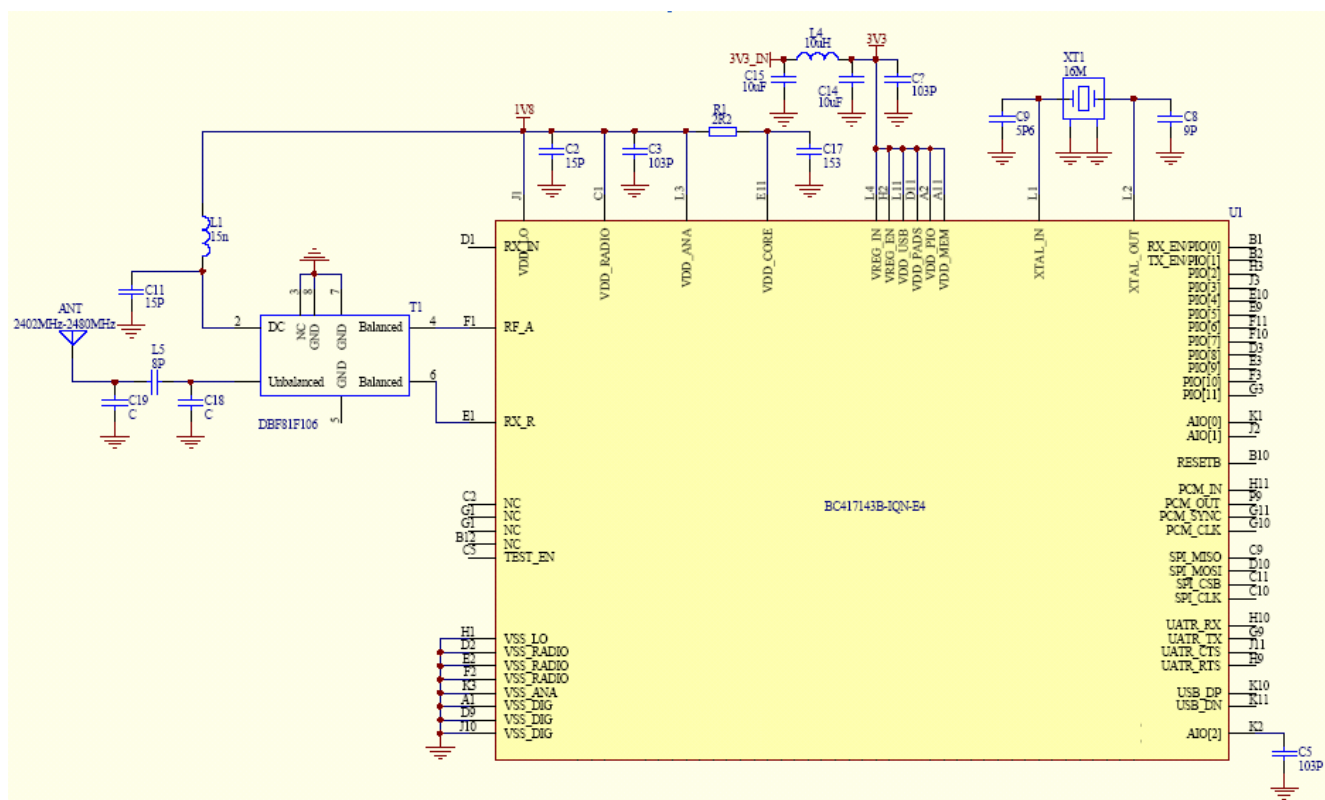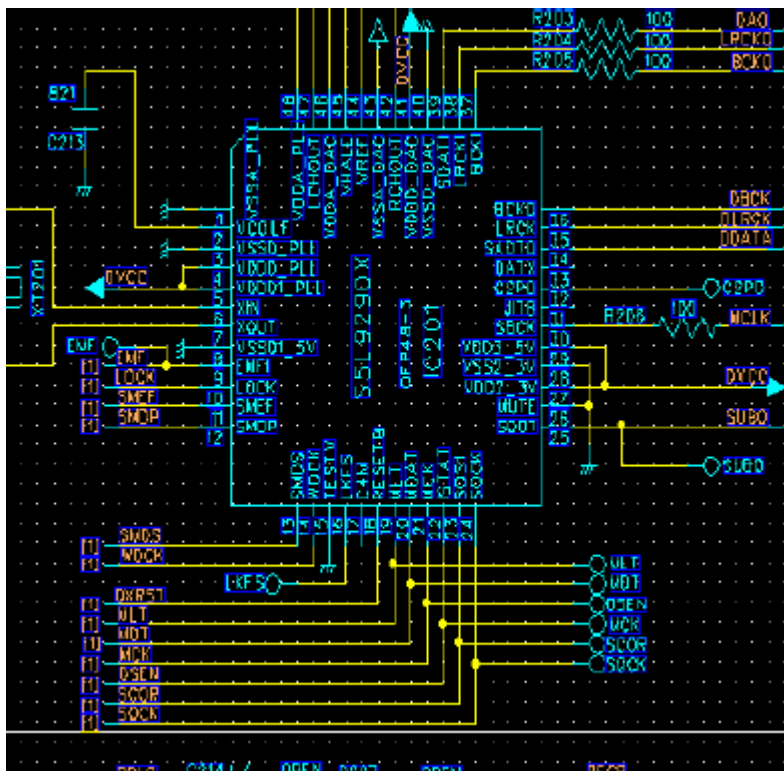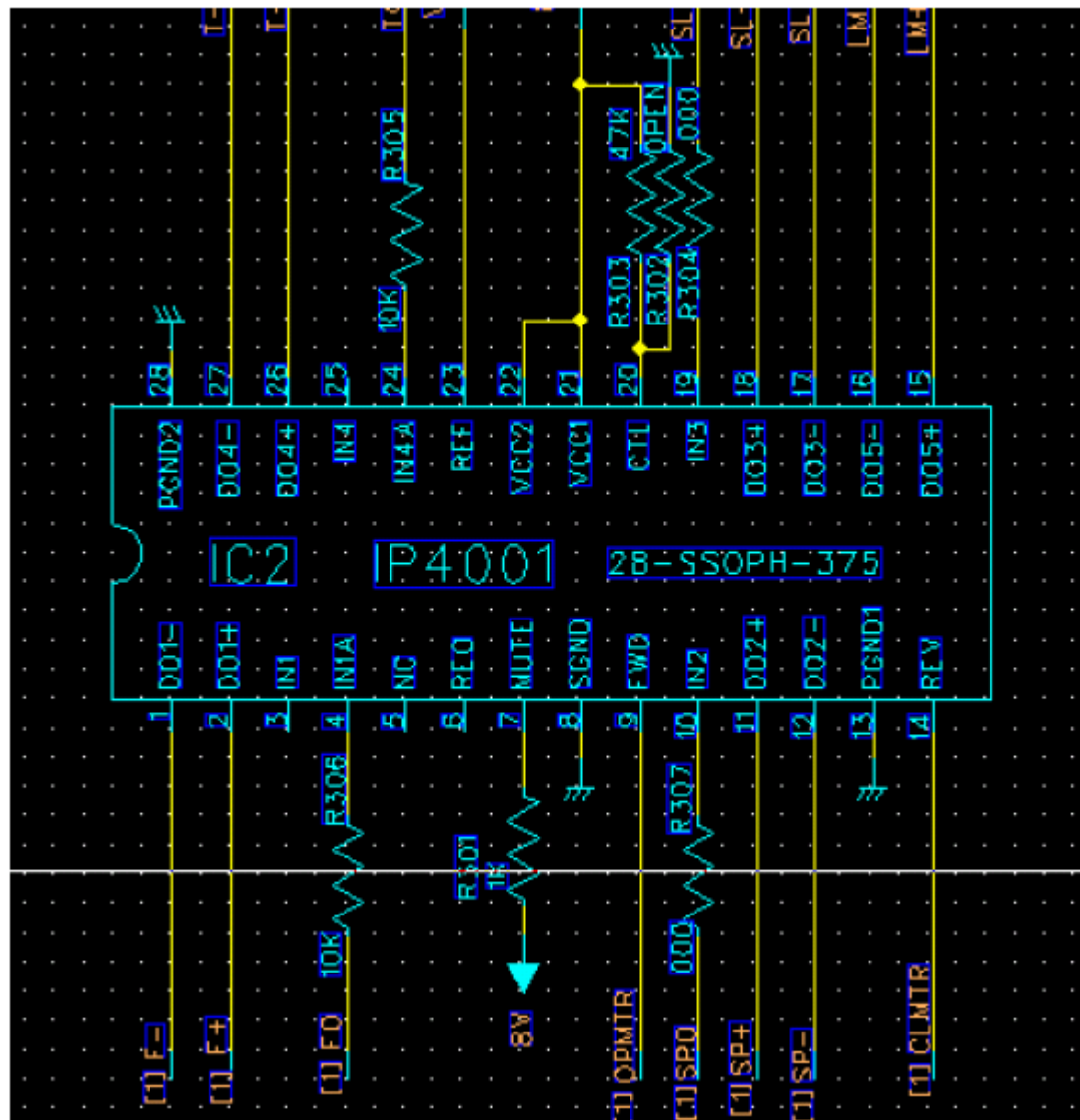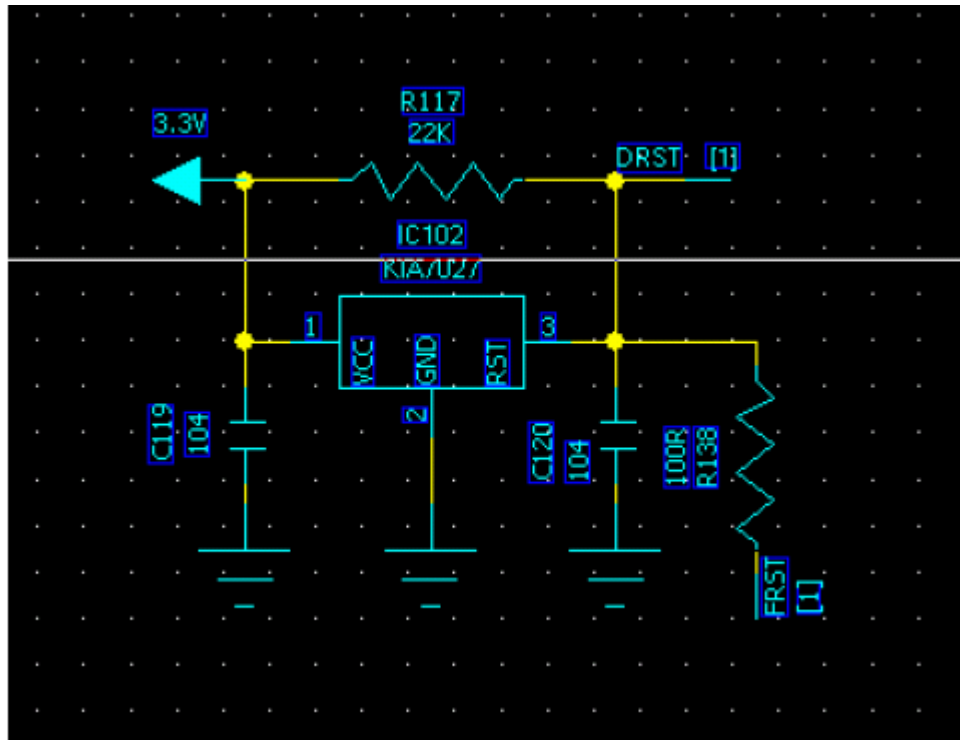
Fig8

Fig9

Fig10

Reset circuit (fig11) used for reset when power on.

Fig11

Power (fig12) used for supply power.

Fig12a

Fig12b

Display (fig13) used for media play and radio information display.

Fig13