CAR CD/MP3 PLAYER

KSC105B CIRCUIT OPERATION PRINCIPLE DESCRIPTION

CAR CD/MP3 PLAYER KSC105B is CD/MP3/USB/SD CARD player with radio reception.

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

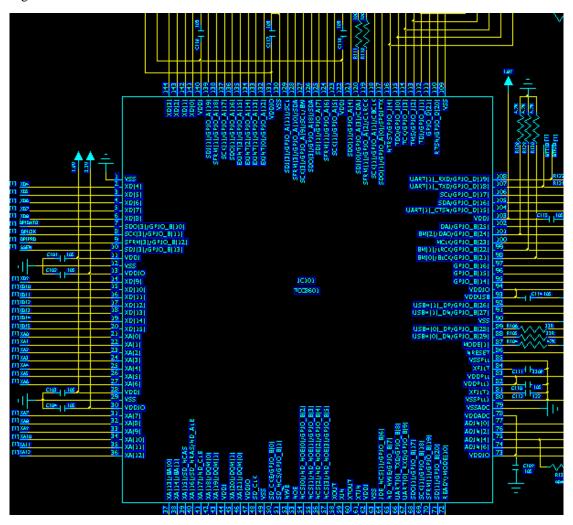
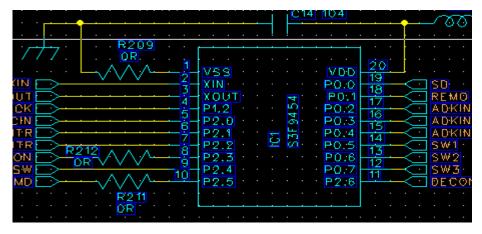
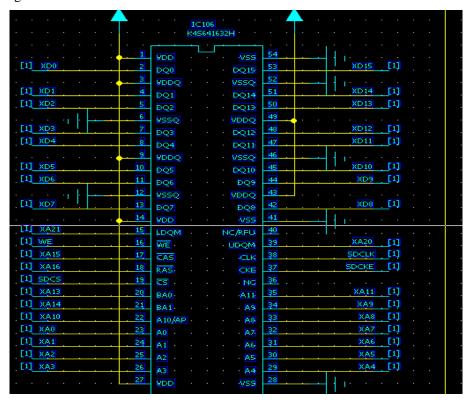


Fig1b



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 $\,$

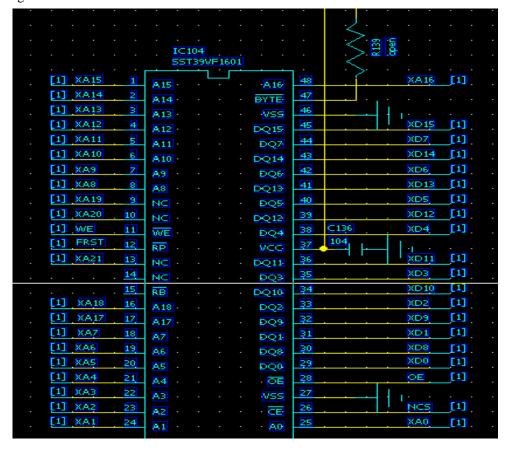
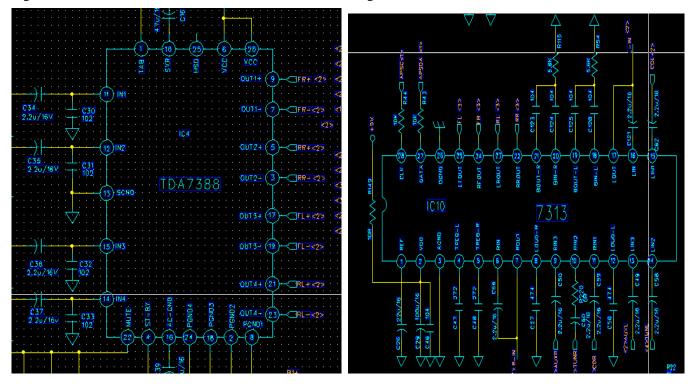


Fig4a fig4b



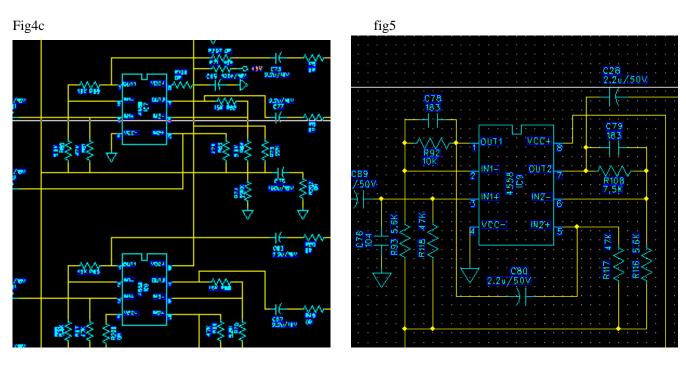


Fig6a fig6b

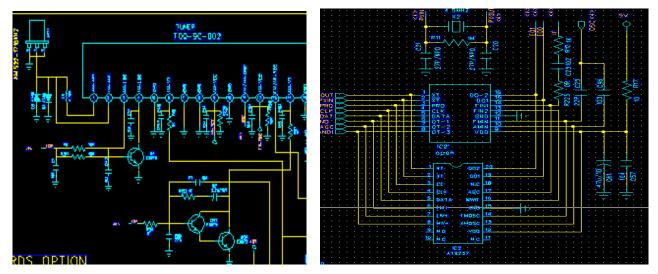
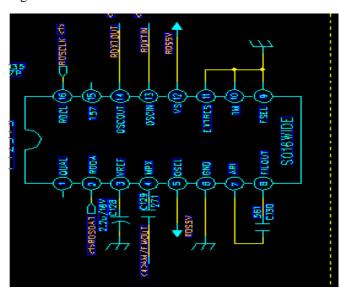
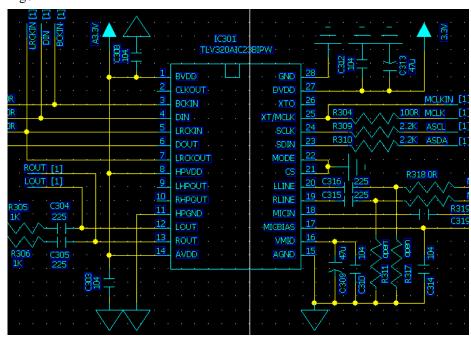


Fig7

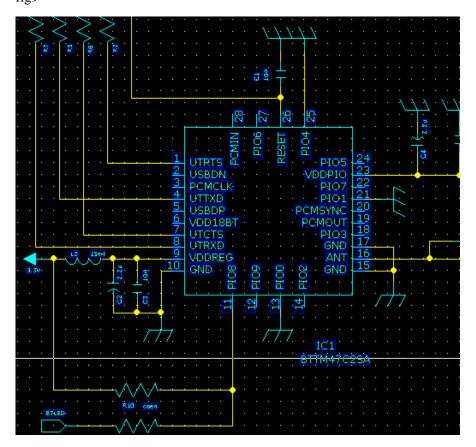


D/A converse (fig8) used for converter digital signal to analog signal.

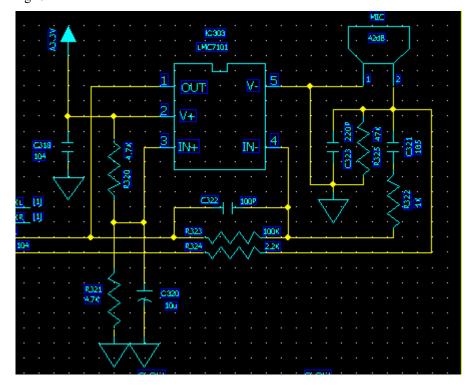
Fig8



Blue tooth (fig9) used for amplifying RF. fig9



 $\label{eq:microphone} \mbox{Microphone signal process (fig10) used for BT hand-free conversation process the microphone received signal.} \mbox{fig10}$



CD playing (fig11) used for RF amplifying and servo process. (fig12) used for playing disc digital signal $\,$ process. (fig13) used for motor driving.

fig11

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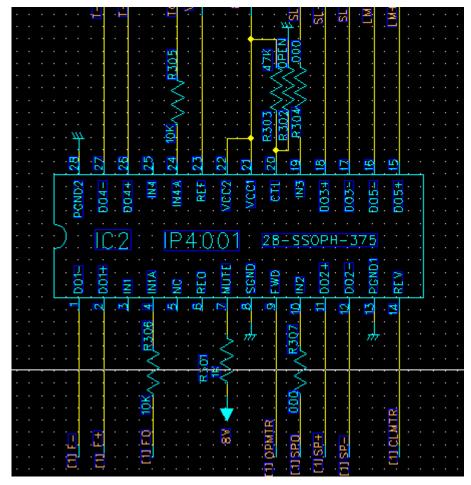
fig17

fig17

fig18

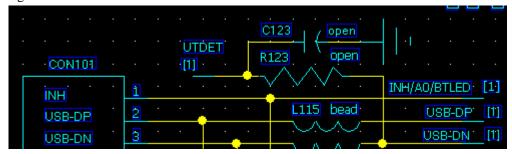
fi

Fig13



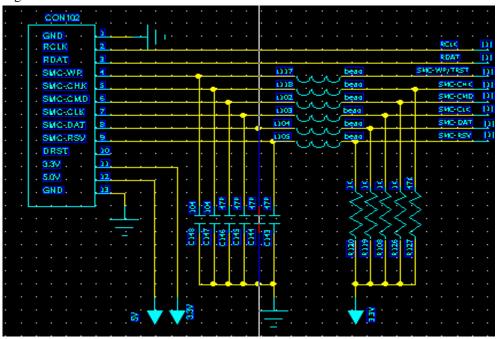
USB connect (fig14) used for playing data from USB.

fig14



SD connect (fig15) used for playing data from SD CARD.

Fig15



Reset circuit (fig16) used for reset when power on.

Fig16

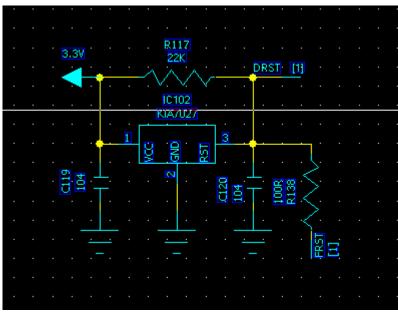


fig17a

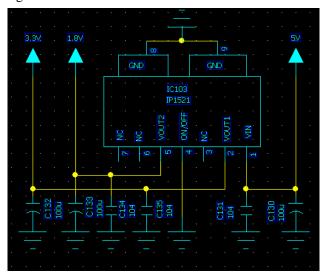
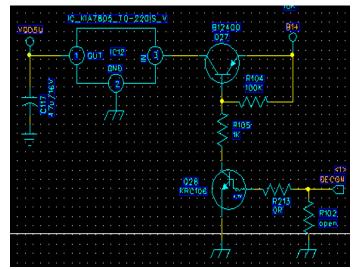


fig17b



Display (fig18) used for media play and radio information display.

Fig18

