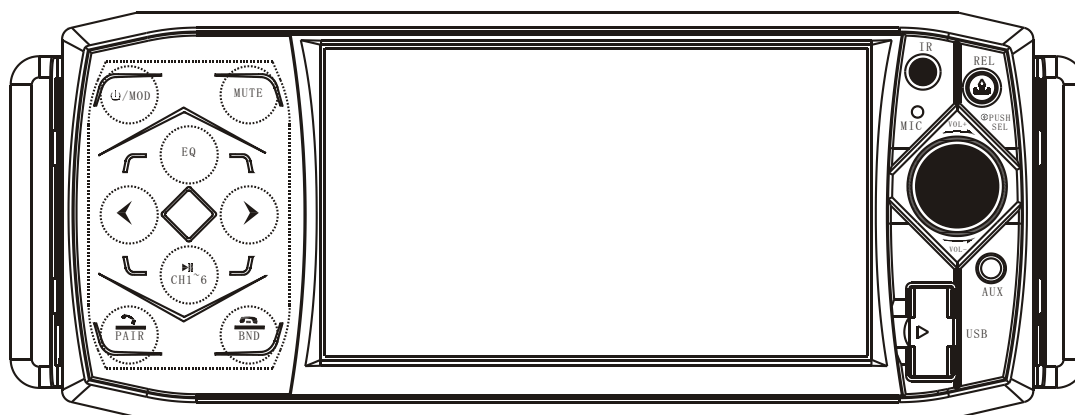




INSTRUCTION MANUAL

Car Audio/Video System

SCR-4710TVD



DEAR CUSTOMER

In order to achieve the best performance of your product, please read this instruction manual carefully before using, and keep it for future reference. If you need extra support, please write to info@premiermundo.com

PREMIER CUSTOMER SERVICE

Venezuela:	0800 ELECTRIC (353-2874)
Panama:	300-5185
Website	www.premiermundo.com
E-mail:	servicioalcliente@premiermundo.com

NOTE

This unit may be submitted to changes in specifications, characteristics and/or operation without prior notice to the user, in order to continue improving and developing its technology.

Precaution

Class 1 laser product

This car multi-media player is a class 1 laser product. However This car multi-media player uses a visible/invisible laser beam which could cause . Hazardous radiation exposure if directed.

Be sure to operate the car multi-media player correctly as instructed. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Do not open covers and do not repair yourself. Refer servicing to qualified personnel.

Content

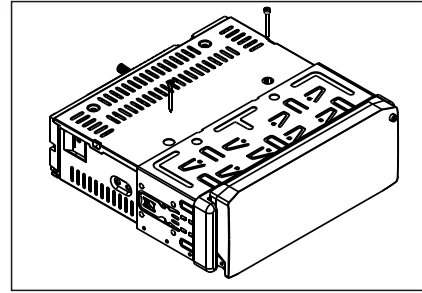
<i>Premier Customer Service.....</i>	<i>1</i>
<i>Precaution.....</i>	<i>2</i>
<i>Content.....</i>	<i>3</i>
<i>Installation steps.....</i>	<i>4</i>
<i>General knowledge about remote control.....</i>	<i>8</i>
<i>Locations and Names of controls on main unit.....</i>	<i>9</i>
<i>Locations and Names of controls on remote control.....</i>	<i>10</i>
<i>Same functions in any work source mode.....</i>	<i>11</i>
<i>Radio operation.....</i>	<i>14</i>
<i>TV operation.....</i>	<i>16</i>
<i>BT operation.....</i>	<i>17</i>
<i>Disc/USB/card operation.....</i>	<i>20</i>
<i>1. Loading or unloading a disc, USB or card.....</i>	<i>20</i>
<i>1.1 Loading a disc, USB or card.....</i>	<i>20</i>
<i>1.2 Unloading a disc, USB or card.....</i>	<i>21</i>
<i>2. Popping up Function Icons-board.....</i>	<i>21</i>
<i>2.1 Function Icons-board of Digital Video/VCD/MPEG4/Image</i> <i> /MP3/WMA.....</i>	<i>21</i>
<i>2.2 CD interface.....</i>	<i>22</i>
<i>3. Function of controls on the touch screen/main unit/remote</i> <i> control.....</i>	<i>23</i>
<i>* Region Code.....</i>	<i>32</i>
<i>* Parental Control.....</i>	<i>33</i>
<i>AV IN operation.....</i>	<i>34</i>
<i>Rear View Camera.....</i>	<i>35</i>
<i>Troubleshooting.....</i>	<i>36</i>
<i>Specification.....</i>	<i>37</i>

INSTALLATION STEPS

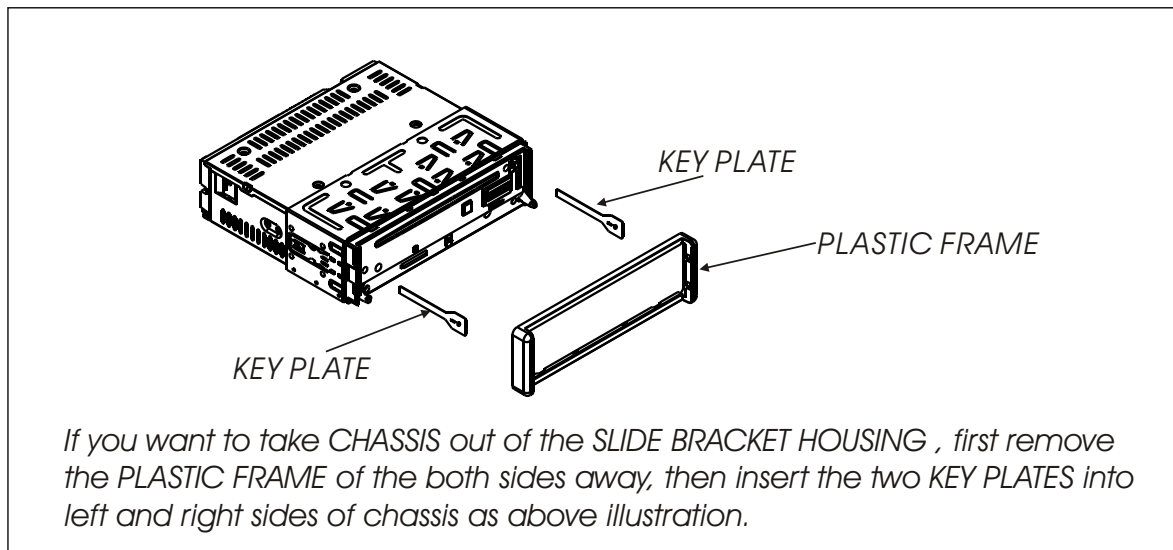
1. Remove the 2 deck screws as right;

2. Mounting Slide Bracket Housing ;

1) Remove the PLASTIC FRAME from the chassis ;



2) Insert the 2 KEY PLATES into the grooves at the both sides of the chassis till they click; then pulling the two KEY PLATES to remove the chassis from the Slide Bracket Housing ;

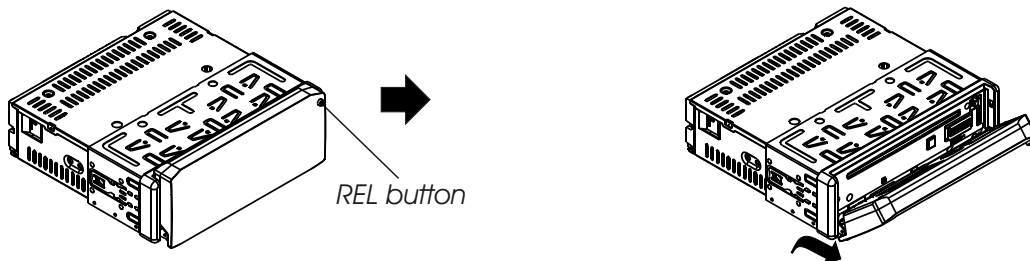


3) Mount the Sliding Bracket Housing in the position of car multi-media system and bend some tabs of Sliding Bracket Housing to fix it.(see Installation Diagram)

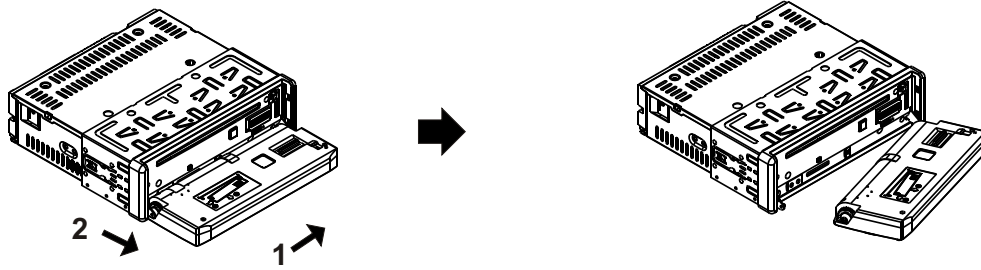
3. Connecting all wires:

1) Remove control panel from chassis as follows:

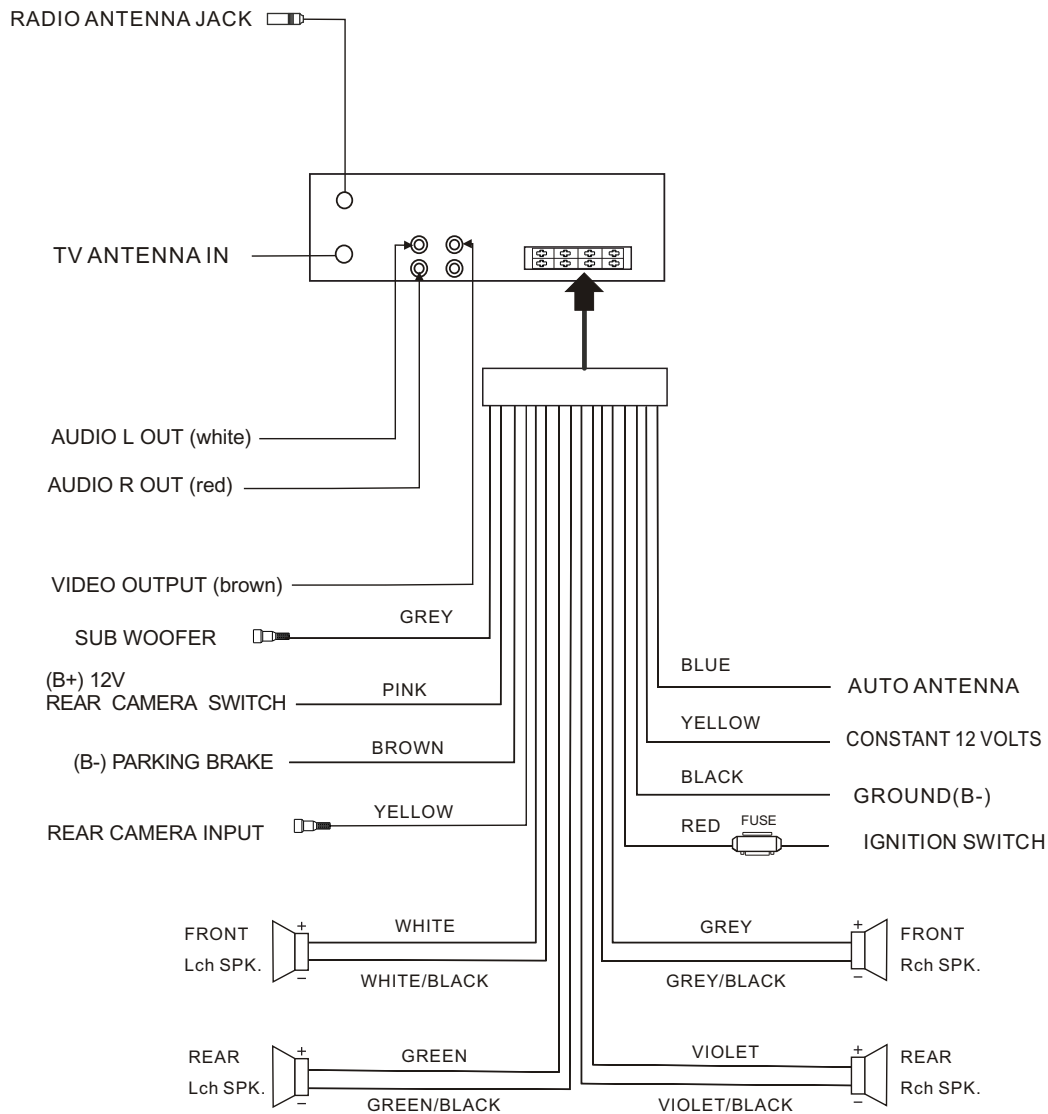
A. Press the REL button to flip down control panel .



B. Hold the left end of the control panel to slide rightwards a little and pull it towards you to remove it.



2) Connecting all wires according of the wiring diagram as follows:



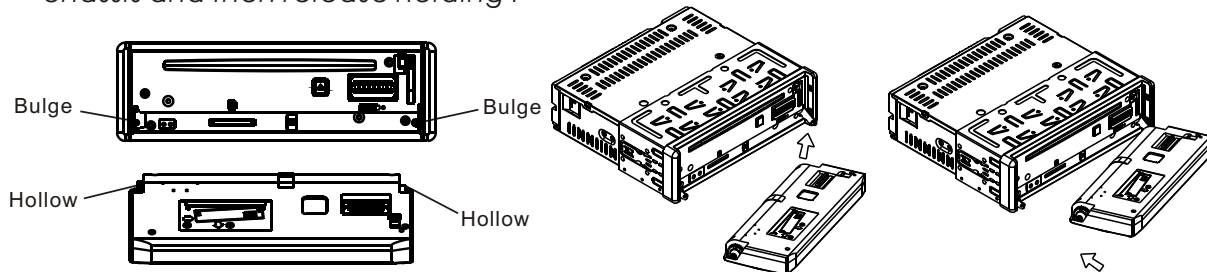
WIRING DIAGRAM

NOTE:

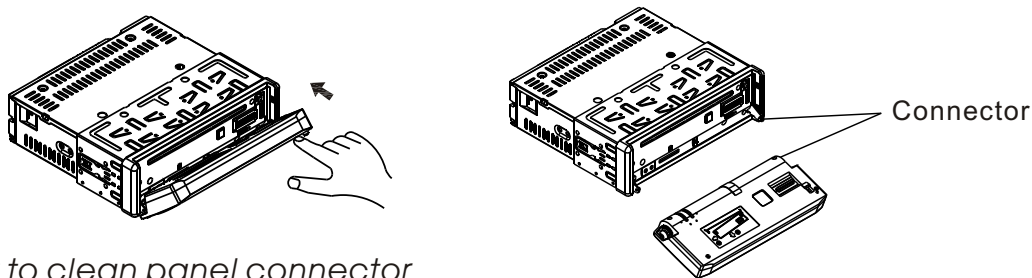
1. Must use 4 ohms impedance of speakers.
2. After connecting parking Line, video on screen of control panel will be displayed only after applying parking brake.
3. Before finishing wiring, do not attach control panel onto chassis.

3) Attach control panel onto chassis.

A. Make the right hollow of control panel aim at the right bulge of chassis, then push and hold control panel rightwards; at one time, move the left end of control panel towards chassis to make the left hollow of control panel aim at the left bulge of chassis and then release holding .



B. Flip control panel up till hearing a click sound to attach onto chassis.



* How to clean panel connector

Frequent detachment will deteriorate panel connectors. To minimize deterioration, periodically wipe the panel connectors with a clean/soft/dry cloth .

4) Testing it for making sure that it can work properly .

4. Installing main unit according to installation diagram:

1) Insert the chassis of the car multi-media system into the sliding metal housing.

2) Use the metal strap to fix the rear part of chassis.

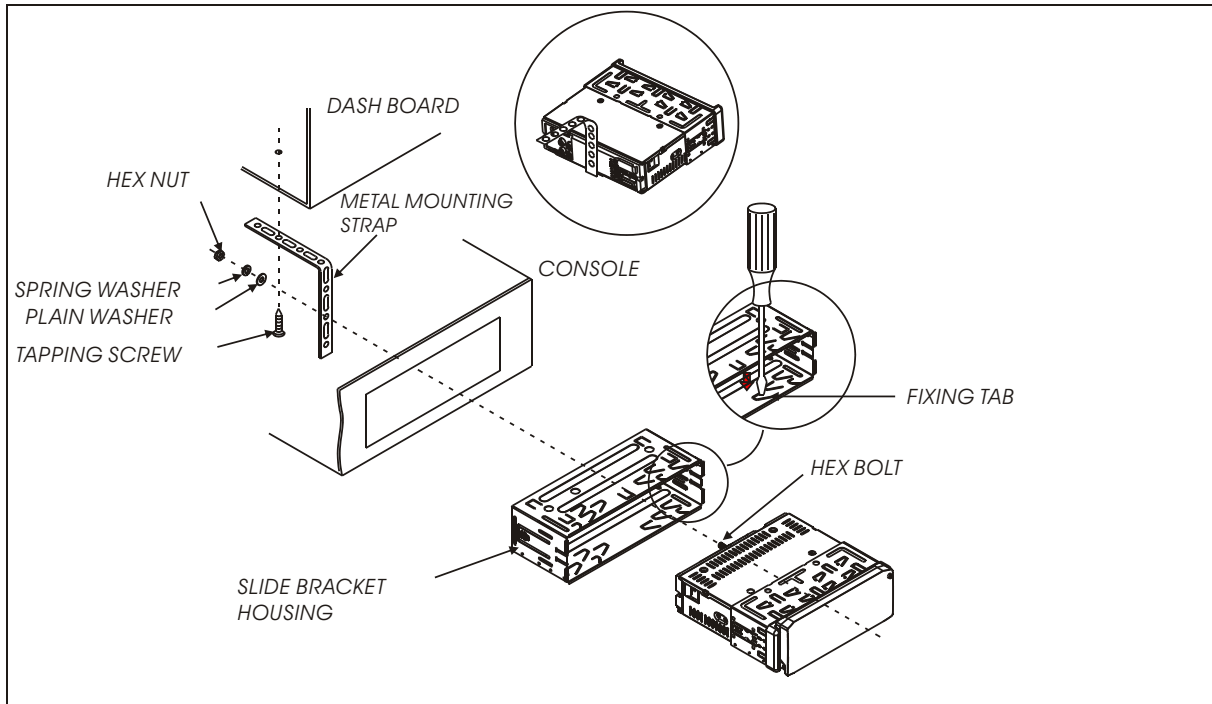
* Uninstalling main unit:

1) Remove metal strap from main unit;

2) Remove plastic trim frame from main unit;

3) Insert a key plate into left and right side of main unit and draw main unit out of sliding metal housing.

Installation diagram

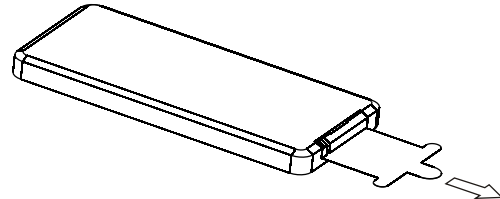


GENERAL KNOWLEDGE ABOUT REMOTE CONTROL

1. Removing insulating sheet

If using remote control for the first time, you can see an insulating sheet at the bottom side of remote control as right.

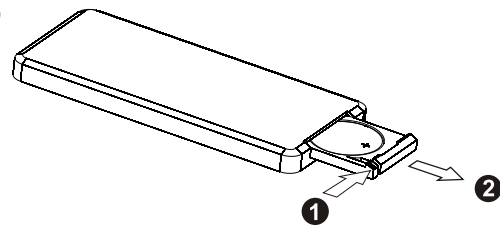
you must remove the insulating sheet as right. Otherwise, the remote control is disabled.



2. Replace lithium cell

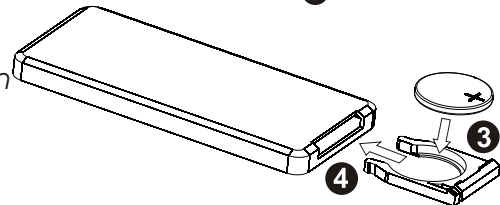
If the electric energy of lithium cell is weak, replace it.

1) Press and hold the movable block as direction indicated by arrow 1 as right, at one time pull cell holder out of remote control as direction indicated by arrow 2 as right.



2) Replace the old cell by a new one with (+) polarity side upward as right.

3) Insert the cell holder into remote control again as right.



3. Note about using remote control

1) You should face the emitting window of remote control towards the sensor window of the unit.

2) Operation angle for front panel: About 30 degree

3) The distance between the emitting window of remote control and the sensor window of the unit : < 5M .

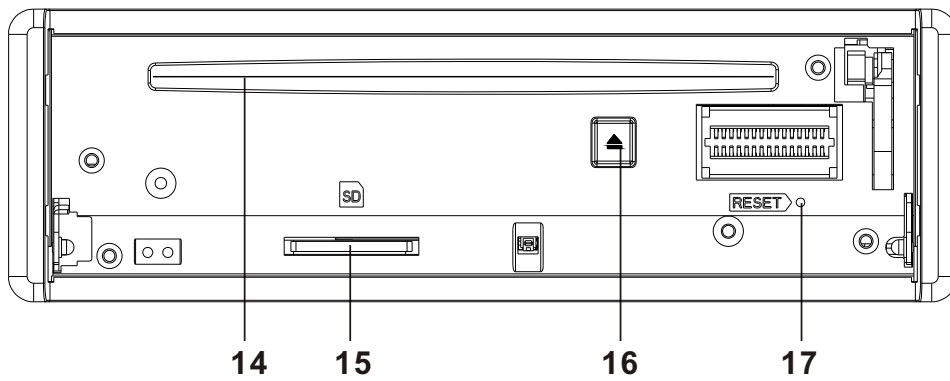
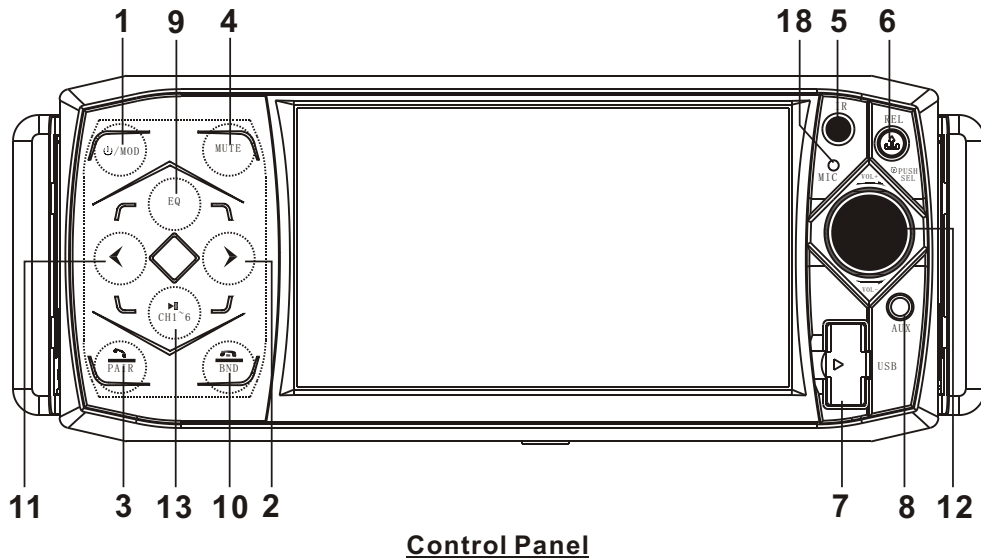
4. Warning for lithium cells of remote control

1) Cell leakage may cause damage to remote control.



2) Do not throw cells into fire, it may cause explosion.

3) To avoid risk of accident, keep cells out of reach of children.

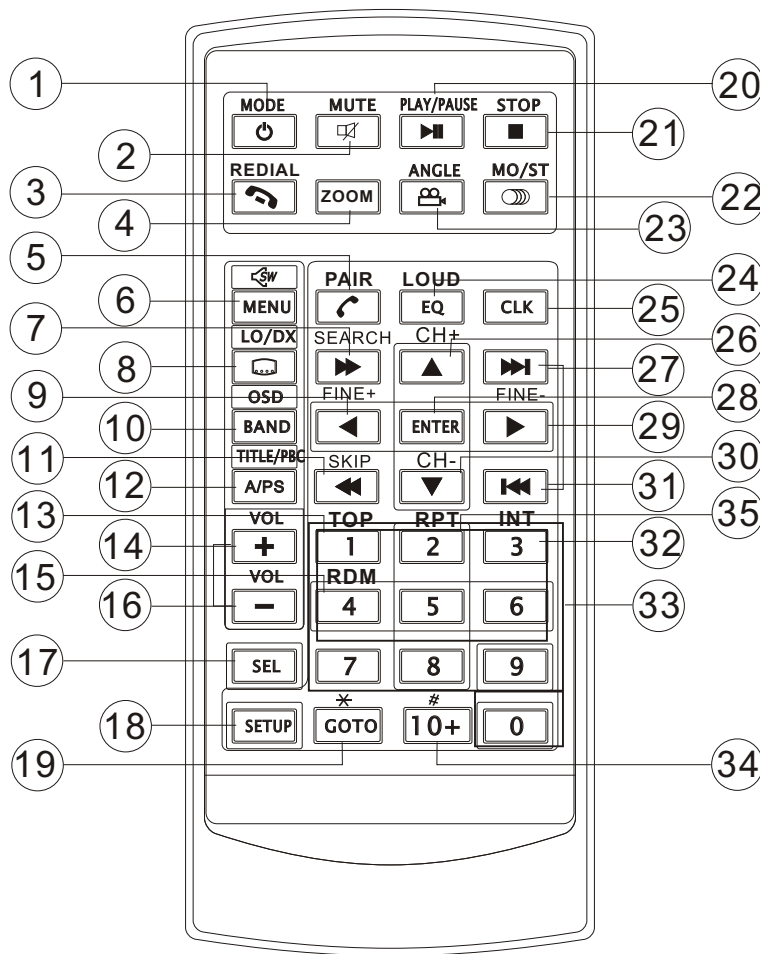
Locations and names of controls on main unit



Front Facet of Chassis after removing Control Panel

- | | |
|---|--|
| 1. POWER/MODE TOUCH BUTTON | 10. BAND/  TOUCH BUTTON |
| 2. > TOUCH BUTTON | 11. < TOUCH BUTTON |
| 3. PAIR/  TOUCH BUTTON | 12. SEL BUTTON AND VOL KNOB |
| 4. MUTE TOUCH BUTTON | 13. > OR CH1~6 TOUCH BUTTON |
| 5. IR SENSOR WINDOW | 14. DISC SLOT |
| 6. REL BUTTON | 15. CARD SLOT |
| 7. USB PORT AND COVER | 16. EJECT BUTTON |
| 8. AUX IN JACK | 17. RESET BUTTON |
| 9. EQ TOUCH BUTTON | 18. MICROPHONE |

Locations and Names of Controls on Remote Control




- 1. POWER or MODE BUTTON
- 2. MUTE BUTTON
- 3. HANG UP or REDIAL BUTTON
- 4. ZOOM BUTTON
- 5. CALL or PAIR BUTTON
- 6. MENU or SW BUTTON
- 7. >> or SEARCH BUTTON
- 8. SUBTITLE or LO/DX BUTTON
- 9. < or FINE+ BUTTON
- 10. BAND or OSD BUTTON
- 11. << or SKIP BUTTON
- 12. A/PS or TITLE/PBC BUTTON
- 13. TOP BUTTON
- 14. VOL+ BUTTON
- 15. RDM BUTTON


- 16. VOL- BUTTON
- 17. SEL BUTTON
- 18. SETUP BUTTON
- 19. GOTO or * BUTTON

- 20. >|| BUTTON
- 21. STOP BUTTON
- 22. AUDIO or MO/ST BUTTON
- 23. ANGLE BUTTON
- 24. EQ or LOUD BUTTON
- 25. CLK BUTTON

- 26. ^ or CH+ BUTTON
- 27. >>| BUTTON
- 28. ENTER BUTTON
- 29. > or FINE- BUTTON
- 30. V or CH- BUTTON
- 31. |<< BUTTON
- 32. INT BUTTON
- 33. NUMBER(0~9) BUTTON
- 34. 10+ or # BUTTON
- 35. RPT BUTTON

Same functions in any work source mode


1. **POWER button and  icon**
 In power off mode, pressing POWER button on remote control or touching POWER button on control panel powers on main unit.


 In power on mode, long pressing POWER button on remote control or long touching POWER button on control panel or touching  icon on source menu(see Source menu fig.on next page) powers off main unit.
2. **VOL knob & VOL+ /VOL- buttons**
 To adjust volume level, rotate VOL knob on control panel or press or hold VOL+ or VOL- button on remote control.
3. **SEL button**
 To switch between BASS, TREBLE, BALANCE, FADE, COLOR, BRIGHTNESS, CONTRAST, TINT and VOLUME, briefly and repeatedly press SEL button.


 After switching on the desired mode above, rotate VOL knob or press VOL+ /VOL- buttons to set it.

 To switch between BT, LOUD, SWF, EQ, DX/LOCAL(in radio mode), STEREO/MONO(in radio mode), TIME 12H/24H, CLOCK, BUZZ, EUR/USA FREQ, ANIMATION, BG and TV SYSTEM, long press SEL button to switch on BT, then briefly and repeatedly press SEL button.

 After switching on the desired mode above, rotate VOL knob or press VOL+ /VOL- buttons to set it.
4. **MUTE button**
 To switch MUTE mode on or off, press MUTE button on remote control or touch MUTE button on control panel.
5. **EQ button**
 To select a desired preset EQ mode from JAZZ, CLASSIC, POP, ROCK and USER, press EQ button on remote control or touch EQ button on control panel continuously.
6. **To switch LOUD mode**
 To switch on or off LOUD mode, long press EQ button on remote control .
7. **SW button**
 To switch on or off SUBWOOFER mode, long press SW button on remote control.
8. **CLK button**
 Press CLK button on remote control to display clock time .
9. **MODE button and source menu**
 To switch work source between RADIO, DISC(after inserting a disc), USB(after inserting a USB storage), CARD(after inserting a card) , TV, AV IN and BT MUSIC, press MODE button on remote control or touch MODE button on control panel continuously.

 During disc(non-CD)/USB/card playback, touch screen to pop up Function Icons-board and then touch the  icon in the Function Icons-board to enter the source menu(refer to Disc/USB/Card Operation) .

 During AV IN or TV playback, touch screen to pop up AUX or TV interface and then touch  icon to enter the source menu(refer to AV IN Operation and TV Operation).

 In radio, BT MUSIC or CD mode, touch  icon to enter the source menu(refer to Radio Operation, BT Operation and Disc/USB/Card Operation).

The source menu displays as follows:



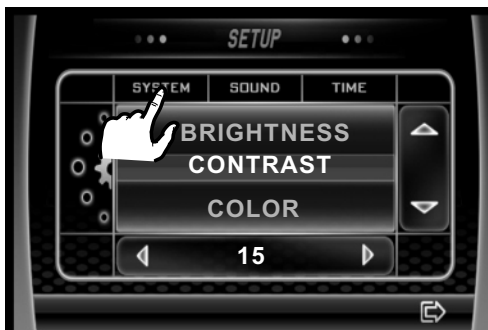
Source Menu

In source menu, touch one icon of DISC, RADIO, TV, BT MUSIC, AUX, USB and SD Card to enter one work source of DISC, RADIO, TV, BT MUSIC, AV IN, USB and SD Card.

10. SETUP icon

1) SETTING SYSTEM

In source menu, touch SETUP icon to display SYSTEM page of SETUP menu as follows:

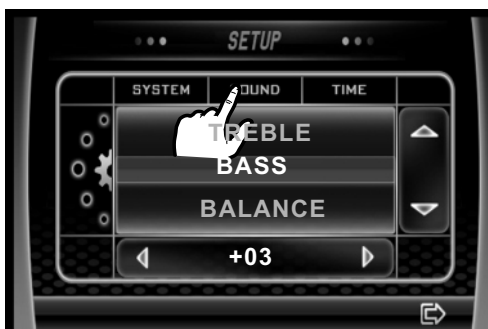


System page of SETUP menu





In the SYSTEM page of SETUP menu, repeatedly touch the ▲ or ▼ icon to highlight one setting item of BRIGHTNESS, CONTRAST, COLOR, TINT, ANIMATION, WALLPAPER, TV SYSTEM and BT. After highlighting a desired setting item, touch the ► or ◀ icon to set it.

2) SETTING SOUND

In SETUP menu, touch SOUND icon to display SOUND page of SETUP menu as follows:

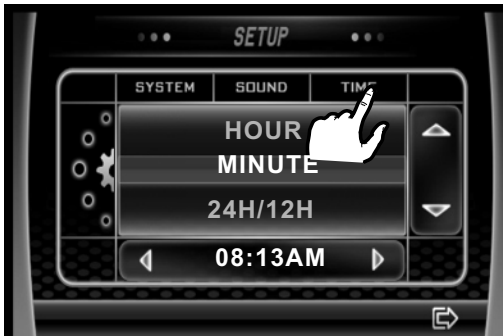


Sound page of SETUP menu





In the SOUND page of SETUP menu, repeatedly touch the  or  icon to highlight one setting item of TREBLE, BASS, BALANCE, FADE, SUBWOOFER, LOUDNESS, RADIO LOC/DX(entering Source Menu in radio mode), RADIO STEREO(entering Source Menu in radio mode) and BUZZER ON/OFF. After highlighting a desired setting item, touch the  or  icon to set it.

3) SETTING TIME

In SETUP menu, touch TIME icon to display TIME page of SETUP menu as follows:



Time page of SETUP menu

In the TIME page of SETUP menu, repeatedly touch the  or  icon to highlight one setting item of HOUR, MINUTE and 24H/12H. After highlighting a desired setting item, touch the  or  icon to set it.

After finishing setting, touch  icon to return back to normal playback.

11.REL button

Press REL button on control panel to flip down the control panel, then hold the left part of the control panel to push it rightwards and pull it to you to remove it.

12.RESET button






When LCD displays wrongly or some buttons are not available or sound is distorted, press REL button to flip down the control panel, then remove it as above, then use the sharp end of a pointed object to press RESET button to reset the program to zero.

Radio Operation

- To enter RADIO mode(MODE button or RADIO icon)
When you use MODE button or source menu (tapping RADIO icon) to enter RADIO mode, it will display radio interface as follows:



- * Some icons on radio interface correspond with the buttons on remote control or control panel as follows:

SWF icon = SW button(remote control)(long pressing)
 LOUD icon = EQ button(remote control)(long pressing)
 icon = MUTE button
 and  icons = VOL- and VOL+ buttons = VOL knob
 EQ icon = EQ button
 : To enter source menu.
 icon : press it to pop up BT PHONE interface

- To switch between bands (BAND)
The BAND icon or button can switch between bands of FM1, FM2, FM3, AM1 and AM2, and the word FM1, FM2, FM3, AM1 or AM2 will be displayed on screen.
- To search for a station (< and > icons or v and ^ or < and > buttons)
 - 1) Long touching < or > icon or long pressing v or ^ button on remote control or long touching < or > button on control panel can automatically search down or up for an available station beginning from the current frequency.
 - 2) Briefly touching < or > icon or briefly pressing v or ^ button on remote control or briefly touching < or > button on control panel can manually search down or up for a your desired station beginning from the current frequency.
- To preset and scan all memory stations (APS icon or A/PS button)
 - 1) When long touching APS icon or long pressing A/PS button on remote control , the radio searches from the lowest frequency and checks the signal strength level until 1 cycle search is finished, and the 6 strongest stations are preset to corresponding preset number memory bank for the current band.

The presetting function can be implemented in selected FM or AM band. (It can presets 3x6 stations for FM and 2x6 stations for AM in all)

- 2) When briefly touching APS icon or briefly pressing A/PS button, the radio scans for each preset station in FM or AM band from NO. 1 bank, each preset station broadcasts for 5 seconds. After finishing a circle of scanning, it will resume broadcasting the station in NO. 1 bank.

NOTE: In FM band, FM1, FM2 and FM3 are preset and scanned as one band at a time;
 In AM band, AM1 and AM2 are preset and scanned as one band at a time.

5. To preset and listen to a memory station(1~6 icons or 1~6 buttons or CH1-6 button)
- 1) Long touching one of 6 number(1~6) icons or long pressing one of 6 number(1~6) buttons can preset the current broadcasting station of the current band in the number memory bank; .
 - 2) Briefly touching one of 6 number(1~6) icons or briefly pressing one of 6 number(1~6) buttons can listen to the memory station in the current band preset in the number memory bank.
- * CH1-6 button:
- 1)To preset a station in a memory bank with CH1-6 button, first select a desired band; then touch CH1-6 button to select a desired memory bank; and then search for a desired station; finally long touch CH1-6 button to store the station in the memory bank.
 - 2)To listen to a preset station with CH1-6 button, first switch on a desired band, then continuously touch CH1-6 button highlight and listen to it.
6. To switch on between stereo and mono mode (MO/ST button)
Press MO/ST button on remote control to select STEREO or MONO mode for FM band.
- When the STEREO mode is activated, it can get better audio effect; when the MONO mode is activated, it can get clearer audio signal.
7. To switch on between local and distance mode (LO/DX button)
Press LO/DX button to turn LOC on to tune for local stations with weak interference;
Press LO/DX button to turn DX on to tune for distance stations with stronger signal.

TV operation

- To enter TV mode (MODE button or TV icon)
When you use MODE button or source menu(tapping TV icon) to enter TV mode, first it displays TV interface, and broadcasts program after a while.

During TV broadcasting, touching any place on touch screen can pop up TV interface as follows:



SWF icon = SW button(long pressing)

LOUD icon = EQ button(remote control)
(long pressing)

icon = MUTE button

and icons = VOL- and VOL+ buttons
= VOL knob

EQ icon = EQ button

icon : press it to pop up BT PHONE interface

icon: To enter source menu.

- To search and save TV channels(SCAN icon or SEARCH button)
Touching SCAN icon or pressing SEARCH button can search for all available channels from the lowest frequency to highest frequency. After searching for a circle, it will stop searching and broadcast the available channel with the lowest frequency and all the available channels from the lowest frequency to the highest frequency will be saved.
 - To select a desired channel with an available station (CH- and CH+ icon or CH- and CH+ or < and > buttons)
After searching, touching CH- or CH+ icon or pressing CH- or CH+ button on remote control or touching < or > button on control panel can select the channels with available stations.
 - To select a desired channel (0~9)
Use the 0~9 icons or the 0~9 buttons to directly select the channel.
- * the 10+ button is not available.
- To fine tune the current channel(FINE- and FINE+)
Touching FINE- or FINE+ icon or pressing FINE- or FINE+ button to fine tune for better signal.
 - To add or delete a channel(SKIP)
 - Add Channels
Use the number buttons to select a channel, then press SKIP button or touch SKIP icon, the screen will display SAVE, the channel will be available for the CH+/CH- & >/< buttons and CH+ / CH- icons.
 - Skip Available Channels
Use the CH+/CH- or > / < buttons or CH+ / CH- icons to select a channel you want to skip for the CH+/CH- & >/< buttons and CH+/CH- icons, then press SKIP button or touch SKIP icon, the screen will display SKIP, the channel will be skipped for the CH+/CH- & > / < buttons and CH+ / CH- icons.

BT operation




1. Pairing and Connecting

Prior to using the BT device named BC_HF_V03 as a handfree system for a BT-enabled mobile phone for the first time, you must pair and connect them as follows:

- * Prior to pairing and connecting, when displaying No Video interface of radio, CD, AV IN or BT music, BT logo flashes in the touch screen.
 - * During using the BT device named BC_HF_V03 as a handfree system for a BT-enabled mobile phone, place the BT-enabled mobile phone 3 meters from the Car A/V System;
- 1) Long press PAIR button on remote control or long touch PAIR button on control panel to display a blue frame to frame the the flashing BT logo;
 - 2). Switch on the BT mode of your mobile phone; then select the item to find a BT device and enter it; When it finds the BT device of the car A/V system, the name BC_HF_V03 will be displayed, select it and enter it; then it will show an interface that asks you to input a password, input 8888 and enter it; then it will pair and connect with the BT device BC_HF_V03 of the car A/V system, Confirm it, then the frame of the BT logo will be filled by blue color and they are light all the time.
- * When finishing pairing and connecting, the audio of the mobile phone transfers to the car audio system whenever a call is made or received or the mobile phone plays music.



2. BT PHONE





1) Make a call

- (1) Dial with mobile phone directly;
- (2) Dial with the controls on BT PHONE interface or on remote control or on control panel
 - a. Long touch  button on control panel or long press  button on remote control or touch  icon to pop up BT PHONE interface as follows:






 : Same as MUTE button.







 &  : Same as VOL+ and VOL- or VOL knob.

- b. Use the number icons or buttons to input your desired phone number;
- * When inputting a wrong digit, use  icon or < button to delete it.
- c. After finishing inputting, touch  icon or touch  button on control panel or press  button on remote control to dial out.




2) Redial last dialed phone number

Touch  icon or long touch  button on control panel or long press  button on remote control to dial out the last dialed phone number.



3) Answer a call



During ringing, the incoming telephone number displays in the rectangle frame of the BT PHONE interface. If you want to receive it, touch  icon or touch  button on control panel or press  button on remote control; if you want to reject it, touch  icon or touch  button on control panel or press  button on remote control.

4) End phone talking

When you want to end phone talking, touch  icon or use  or  button.

5) Switch audio between car A/V system and mobile phone

During phone talking using the BT handfree system of the car A/V system, if you want to change the phone audio to your mobile phone, touch  icon or touch  button on control panel or press  button on remote control.

During phone talking using the mobile phone, if you want to change the phone audio to the the car A/V system again, use  or  button.

6) Adjust volume level during phone talking

During phone talking, use  and  icon or VOL knob or VOL+ and VOL- buttons to adjust volume level; use  icon or MUTE button to mute sound.

* * / # icons and buttons


they perform as * / # buttons on mobile phone.

3. BT MUSIC

- 1) Touching BT MUSIC on source menu or pressing MODE button can pop up BT MUSIC interface as follows:





 and  icons = VOL- and VOL+ buttons = VOL knob





 icon = MUTE button

EQ icon = EQ button

 icon : Popping up BT PHONE interface.

 icon =  button

 icon =  button

 and  icons =  and  button





 icon: To enter source menu.

SWF icon : To switch SUBWOOFER mode on or off.

LOUD icon : To switch LOUD mode on or off.

- 2) When using your mobile phone with BT function to play audio/video, if it is paired and connected with the BT device of the car A/V system, the audio of the mobile phone will change into the car A/V system.

The BT device of the car A/V system support A2DP, if your mobile phone with BT function support A2DP, the car A/V system can output stereo audio from your mobile phone.

- 3) The BT device of the car A/V system supports AVRCP, so these icons on the BT MUSIC interface except BT Music and their corresponding buttons on control panel or on remote control are available for audio/video playback of your mobile phone during playback. But no fast forward/backward functions for  /  icon and  /  buttons, and the function of resume playback after pausing or stopping is available only for some mobile phone.

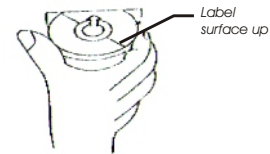
- * If you don't want to use the BT function of the car A/V system , long press SEL button to display BT, then use VOL knob or VOL+ and VOL- buttons to switch BT off .

Disc/USB/Card Operation1. Loading or unloading a disc, USB or card1.1 Loading a disc, USB or card

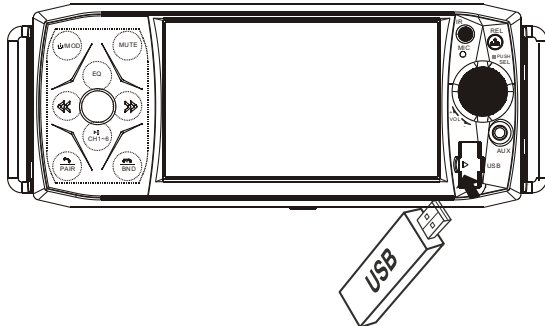
To play files in a disc, press REL button on control panel to flip down the control panel, then insert a disc with label surface up into disc slot, then flip up the control panel and attach onto chassis till hear a click sound, finally it will automatically play.

* CAUTION OF USING DISC

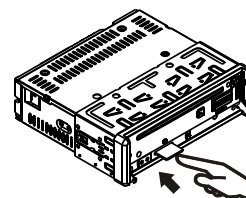
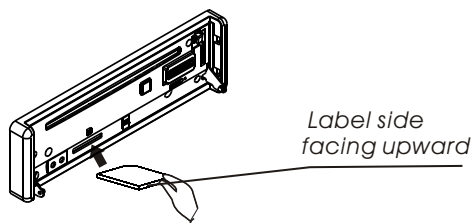
- 1) Handle a disc by its edge, do not touch the surface of play side.
- 2) Before inserting disc, wipe the disc outwards from the disc center with a clean, soft, dry, lint-free cloth. Do not use solvents /thinner such as petrol/benzine, cleaner.
- 3) After taking a disc out of disc slot, put the disc inside disc case to keep it clean.
- 4) Do not stick paper or tape on the disc surface of play side. If there is glue (or analog) on the disc surface, must wipe it up before using.



To play files in a USB, firstly open USB port cover, then insert USB storage into USB port, and then it will play files in the USB automatically.



To play files in a card, firstly press REL button to flip down control panel, then hold the left part of the control panel to push it rightwards and pull it to you to remove it, and then insert the card into card slot till hear a click sound, and then attach the control panel onto chassis again, by now it will play files in the card automatically.



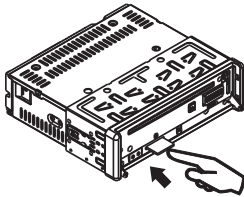
Press in till heard a "CLICK"

1.2 Unloading a disc, USB or card

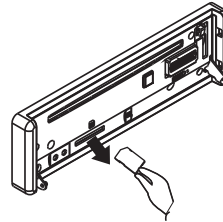
To unload the disc in disc slot, use STOP button to stop playback and then press REL button to flip down the control panel, then press EJECT button to eject disc, then remove it.

To pull away the USB storage, use STOP button to stop playback, then you can remove the USB storage.

To unload the card in card slot, use STOP button to stop playback, then press REL button to flip down the control panel and then hold the left part of it to push rightwards and pull it to you to remove it, and then you can push the card for release it and then pull it out of the card slot.



Press in till heard a "CLICK"





Remove the memory card

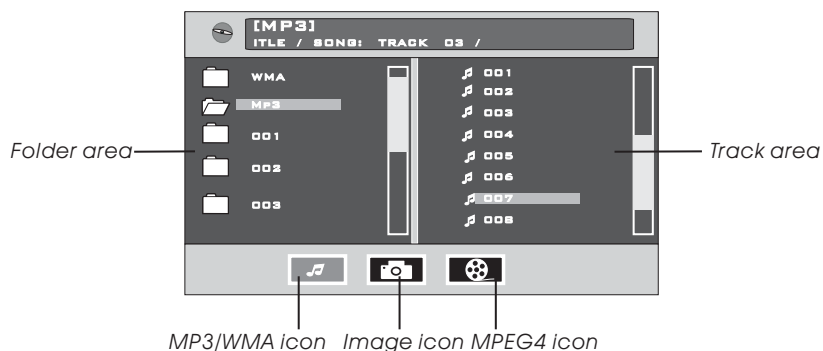
- * During MP3/WMA playback, the information of file, folder, title, artist and album will be scrolling on LCD display. As long as the current playing MP3/WMA music contains relevant ID3 tag information in version 1.0/2.0 format, the 3 items underlined above will be scrolling on LCD display; otherwise, they will not
- * The supported max. Memory size of USB: 32GB
The supported max. Memory size of card: SD-16GB; MMC-2GB
- * There is ESP function for all formats of discs.

2. Popping up Function Icons-board

2.1 Function Icons-board of Digital Video/VCD/MPEG4/Image/MP3/WMA

During Digital Video/VCD/MPEG4/Image playback, tapping any place on touch screen can pop up Function Icons-board 1 as next page, then tap  icon to pop up Function Icons-board 2 as next page.

During MP3/WMA playback, tapping any place except folder area, track area and MP3/WMA&Image&MPEG4 icons can pop up Function Icons-board 1 same as one of Digital Video/VCD/MPEG4/Image, then tap  icon to pop up Function Icons-board 2 same as one of Digital Video/VCD/MPEG4/Image.



The Function Icons-boards display as follows:





Function Icons-board 1




Function Icons-board 2

* Some icons on the Function Icons-boards describe as follows:


 : Same as MUTE button.


 : Same as VOL- button or rotating VOL knob with anti-clock wise.

 : Same as VOL+ button or rotating VOL knob with clock wise.

 : Popping up source Menu.

 : Popping up Function Icons-board 2.


 : Same as EQ button.

 : Same as CLK button.

 : Same as long pressing EQ button.

 : Same as SW button.

 : Popping up Function Icons-board 1.

 : To redial the last dialed number.

 : To pop up BT PHONE interface.

2.2 CD interface

During CD playback, the CD interface displays as follows:




* Some icons on the CD interface describe as follows:

 : Popping up source Menu.

EQ : Same as EQ button.

 : Same as VOL- button or rotating VOL knob with anti-clock wise.

 : Same as MUTE button.

 : Same as VOL+ button or rotating VOL knob with clock wise.

SWF : Same as SW button.

LOUD : Same as long pressing EQ button.

 Icon : press it to pop up BT PHONE interface


3. Function of controls on the touch screen/main unit/remote control


1. icon or button

During playback, use it to pause playback; in pause mode, use it to resume playback.

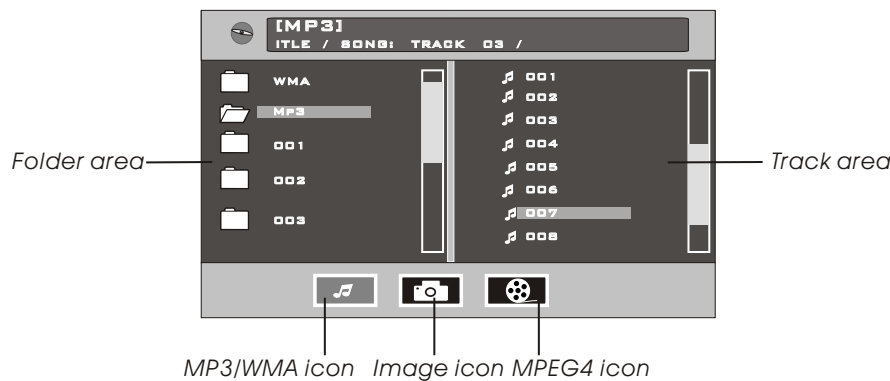
In CD interface, the icon displays as .

2. icon or button

During Digital Video/VCD/CD/MP3/WMA playback, tapping or pressing it pre-stop or pause playback; in pre-stop or pause mode, use  icon or button to resume playback.

During playback, tapping or pressing it twice to fully stop playback; in fully stop mode, use  icon or button to start playback from the beginning of the media.

During MPEG4/image playback, use  icon or button to display root menu as follows:



During MP3/WMA playback, the root menu above displays all the time.

When displaying root menu, use < or > button to highlight the current chapter/track, the current folder or the kind icons.

- * If there are no track/chapter for a kind icon, you can't highlight the kind icon.

When highlighting a kind icon, press ENTER button to enter it.

When highlighting the current folder, use v or ^ button to highlight other folders and then press ENTER button to enter it.

When highlighting the current track, use v or ^ button to highlight other tracks and then press ENTER button to play it.

- * For image, after highlighting a track, press ENTER button to display only the highlighted track; press > | | button to display all tracks step by step from the highlighted track.
- * Tapping folder icon, track icon or kind icon can execute the operation above.

3. / icons or buttons

During playback, continuously tapping  or  icon or continuously pressing  or  button can fast backwards or forwards at the following multiple of normal

speed: x2, x4, x8, x20, x1.

During fast playback, use  icon or button to resume normal playback.

For image files, no this function.

4.  /  icons or buttons and < /> buttons

During playback, use one of them to play previous or next chapter/track.

During playback, continuously long touching < or > button on control panel can fast backwards or forwards at the following multiple of normal speed: x2, x4, x8, x20, x1.

5. Number buttons

During Digital Video/VCD(PBC OFF)/MPEG4/Image/CD/MP3/WMA playback, use number buttons to input chapter/track SN. , then it will play or display it.

To input a chapter/track with an SN that is equal to or bigger than 10, use the 10+ button to input the digit in tens place and then use 0-9 button to input the digit in units order.

I.e. 10+ ~ 1 = 11 (number 11 chapter/track will be displayed/played.)

During VCD playback, when it is in PBC ON mode, the number buttons are disabled.

6.  icon and MENU button

During Digital Video playback, use MENU icon or button to display the current chapter list, then use direction buttons to select your desired chapter and then press ENTER button to play it.

For VCD, MENU button is disabled, track list is displayed on the monitor screen by pressing TITLE/PBC button or tapping  icon.

For MPEG4/image, MENU button and  icon are disabled, root menu is displayed on the monitor screen by pressing  button or tapping  icon.


For MP3/WMA, MENU button and  icon are disabled, root menu displays on the monitor screen all the time. Root menu of MP3/WMA is same as the one of MPEG4/image.

For CD, MENU button is disabled.

7.  icon and TITLE/PBC button

During Digital Video playback, use TITLE/PBC button to display title list; then use direction buttons to select your desired title and then press ENTER button to open the chapter list of the title; then use direction buttons to select your desired chapter and then press ENTER button to play.



* You can also tap a desired title and then chapter to play.

During VCD playback, use  icon or TITLE/PBC button to switch PBC mode on or off. When PBC mode is switched on, it will play from the beginning of media till it displays a track list. When a track list is displayed, use the number buttons to select your desired track to play.
















For MP3/WMA/MPEG4/image,  icon and TITLE/PBC button are disabled.

For CD, the TITLE/PBC button is disabled.

8. **GOTO** icon and GOTO button



For Digital Video/MPEG4/VCD/image/MP3/WMA, you can use **GOTO** ,   , number and ENTER icons or GOTO, <, >, number and ENTER buttons to select a chapter /track or from a playback time point to play.

During playback, tap **GOTO** icon or press GOTO button to display changeable playback information bar as follows:

	Title SN.	Chapter SN.				Elapsed time
Digital Video:	TT 01/10	CH 09/20				0:01:38
MPEG4:	CHAP 01/01					0:01:38
VCD:	TRK 01/10	PBC				0:01:38
Image:	TRK 006/231					0:00:00 Disabled
MP3/WMA:	TRK 01/23					0:02:22

* During playback, tapping **GOTO** icon can also display the Goto Function icons-board as follows:



When displaying the changeable playback information bar, use  /  icon or < or > button to highlight title SN.(only for Digital Video) , chapter/track SN. or elapsed time of current chapter/track(disabled for image).

When highlighting title SN. or chapter/track SN. , use number icons or buttons to input desired SN. of title or chapter/track, then use ENTER icon or button to play the selected chapter/track.

When highlighting elapsed time of current chapter/track(disabled for image), use number icons or buttons to input desired playback time point for the playback time of the whole media for Digital Video/VCD and of the current chapter/track for MPEG4/MP3/WMA, then use ENTER icon or button to play from the playback time point.

For CD, GOTO button is disabled.

9. **Q** icon or ZOOM button

During Digital Video/VCD/MPEG4/image playback, use **Q** icon or ZOOM button to switch zoom mode between ZOOM 2, ZOOM 3, ZOOM 4, ZOOM 1/2, ZOOM 1/3, ZOOM 1/4 and ZOOM OFF.

When zooming in video/image, use direction buttons to move video/image upwards, downwards, rightwards or leftwards.

























When not zooming in image, direction buttons can switch on 4 fixed rotated angles between ≥ 90 deg cw, ≤ 90 deg ccw, ^ =UP-DOWN and LEFT-RIGHT.

For MP3/WMA,  icon and ZOOM button are disabled.

For CD, the ZOOM button is disabled.

10. OSD icon or button


During Digital Video/VCD/MPEG4/Image/MP3/WMA playback, use OSD icon or button to display playback information bar as bellows:

Digital Video:	TT	Title SN. 01/10	CH	Chapter SN. 09/20		0:01:38	Elapsed time of current chapter
		Audio track 1/2	MP1	1CH		OFF	Angle AN OFF
	TT	01/10	CH	09/20		-0:00:16	Remaining time of current chapter
	TT	01/10	CH	09/20		0:08:03	Elapsed time of current title
	TT	01/10	CH	09/20		-1:08:12	Remaining time of current title
MPEG4:	CHAP	Chapter SN. 01/01		Repeat mode 		0:00:51	Elapsed time of current chapter
	CHAP	01/01				-0:01:38	Remaining time of current chapter
VCD:	TRK	Track SN. 01/10	PBC mode PBC	Repeat mode 		0:01:30	Elapsed time of current track
	TRK	01/10	PBC			-0:02:17	Remaining time of current track
	TRK	01/10	PBC			0:03:31	Elapsed time of total media
	TRK	01/10	PBC			-1:04:26	Remaining time of total media
Image:	TRK	Track SN. 006/231		Repeat mode 		0:00:00	Disabled
MP3/WMA:	TRK	01/23				0:01:22	Elapsed time of current track
	TRK	01/23				-0:01:52	Remaining time of current track

For CD , OSD button is disabled.


11.  icon or REPEAT button

During Digital Video playback, use  icon or REPEAT button to switch repeat mode between REP CHAPTER, REP TITLE, REP ALL and REP OFF.

During VCD(PBC OFF)/CD playback, use  icon or REPEAT button to switch repeat mode between REP 1, REP ALL or REP OFF.

During MP3/WMA/MPEG4/image playback, use  icon or REPEAT button to switch repeat mode between REP 1, REP FOLDER(or DIR), REP ALL or REP OFF.

During VCD(PBC ON) playback,  icon and REPEAT button are disabled.

12.  icon or RDM button

During Digital Video/VCD(PBC OFF)/CD/MP3/WMA playback, tapping  icon or long pressing RDM button switches random mode on or off.

For MPEG4/image/VCD(PBC ON) playback,  icon and RDM button are disabled.


13.  icon or INT button

During VCD/CD playback, tapping  icon or long pressing INT button switches intro mode on or off.

For Digital Video/MP3/WMA/MPEG4/image,  icon and INT button are disabled.


14.  icon or button

During Digital Video playback, use  icon or button to switch between audio tracks (depending on the current playing media).

During VCD/CD playback, use  icon or button to switch audio channels between MONO L, MONO R, MIX MONO and STEREO.

For MPEG4/MP3/WMA/image,  icon and button are disabled.

15.  icon or button

During Digital Video playback, use  icon or button to switch subtitle languages on or off (depending on the current playing media).

For VCD/MP3/WMA/MPEG4/image,  icon and button are disabled.

For CD, the  button is disabled.

16. ANGLE icon or button

During Digital Video playback, use ANGLE icon or press ANGLE button to play in different angles (depending on the current playing media).

For VCD/MP3/WMA/MPEG4/image, the ANGLE icon and button are disabled.

For CD, the ANGLE button is disabled.

17.  icon or SETUP button

Use  icon or SETUP button to enter Media Setup Menu for setting up all media parameter values.

Use  icon or SETUP button to display Media Setup Menu (the default page is SYSTEM SETUP);

Media Setup Menu has 4 pages in all. When highlighting a page, tap the aim page icon or press > or < button to highlight another page;

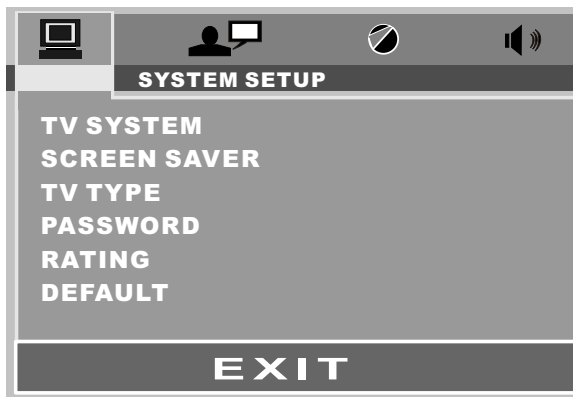
After selecting a page, tapping the aim item icon or press ^ or v button to highlight a setup item in the selected page;

After selecting a setup item, tapping the aim value; or press > button to enter the setup item, then press v or ^ button to select a desired value, finally press ENTER button to confirm it.

After finishing setting, tapping EXIT icon or press SETUP button to exit Media Setup Menu to resume normal playback.

Description of the 4 pages:

1) SYSTEM SETUP

**TV SYSTEM**

This setup item is for setting up video system in NTSC, PAL or AUTO .

If you set a non-matched video system for playing a video, the playing video will display white-black or flash.

SCREEN SAVER

This setup item is for switching screen saver on or off.

TV TYPE

This setup item is for setting up video display size.

- (1) 4:3 PS: Choose this item when connecting a monitor with 4:3 screen. When playing video with 16:9 size, the left and right part of video will be cut out, and video will display in full screen.
- (2) 4:3 LB: Choose this item when connecting a monitor with 4:3 screen. When playing video with 16:9 size, the top and bottom part of the monitor screen will be turned into a black square .
- (3) 16:9: Choose this item when connecting a monitor with 16:9 wide screen.

PASSWORD

This setup item is for locking or unlocking parental control. The default mode is locked. The default unlocking password is 0000.

To lock or unlock parental control:

- (1) Highlight PASSWORD item and then press > or ENTER button to enter it;
 (2) Input password 0000;
 (3) Press ENTER button to confirm, then it will unlock or lock parental control.

- * Remove the section of the PASSWORD of the User Manual to keep this sensitive information confidential.

RATING

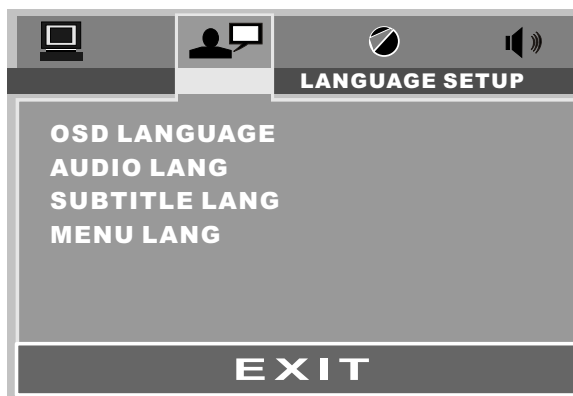
This setup item is for setting a new rating level of parental control.

- (1) First highlight PASSWORD item to see whether parental control is locked or not. If it is in locked mode, unlock parental control referring to PASSWORD above.
 (2) Highlight RATING item and press > or ENTER button to enter it, then use ^ or v button to select your desired rating level, and then press ENTER button to confirm.
 (3) Highlight PASSWORD item again and then press > or ENTER button to enter it, then input password 0000, and press ENTER button to lock parental control again.

DEFAULT

This setup item is to change all parameter back to the default factory values.

2) LANGUAGE SETUP



OSD LANGUAGE

This item is for selecting the type of language displayed on the screen except for subtitle language and menu language (depending on current playing media).

AUDIO LANG

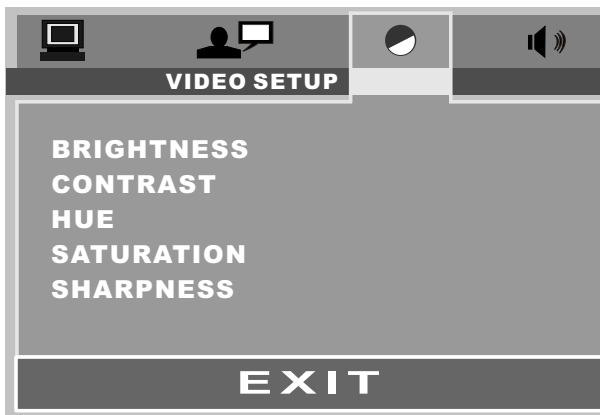
This item is for selecting the type of audio language (depending on current playing media).

SUBTITLE LANG

This item is for selecting the type of subtitle language (depending on current playing media).

MENU LANG

This item is for selecting the type of menu language (depending on current playing media).

3) VIDEO SETUP**BRIGHTNESS**

For adjusting brightness of video output.

CONTRAST

For adjusting contrast of video output.

HUE

For adjusting hue of video output.

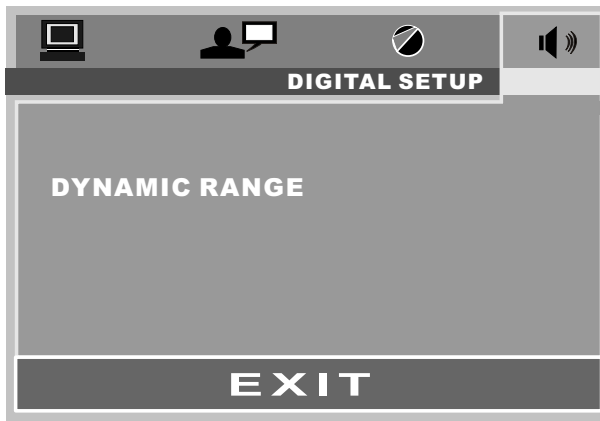
SATURATION

For adjusting saturation of video output.

SHARPNESS

For adjusting sharpness of video output.

4) DIGITAL SETUP

**DYNAMIC RANGE**

This item is for adjusting linear compression ratio. If you set it to FULL, Peak-to-Peak value of audio signal is minimum; if you set it to OFF, Peak-to-Peak value is maximum.

* Region Code

If you insert a disc into the disc slot and REGION ERROR is displayed, the car multi-media system can not play the disc. The reason is that the region codes of the car multi-media system and the used disc do not match each other.

Appendix: Region code of Digital Video

Motion Picture Association of America (MPAA) divided the world into 6 regions, and gave every region a region code for locking and unlocking Digital Video playback.

Basically, a coded Digital Video player can play only the discs if its region code is the same as the code of the Digital Video player. Otherwise, it cannot play the disc.

Please note that only the Digital Video discs and Digital Video players produced by the 8 biggest film-making companies of America impose this restriction. The Digital Video discs and Digital Video players not produced by the 8 biggest film-making companies of America are not restricted by the rule of region code. Generally, they are called Free Region Code or Full Region Code.

The problems caused by area code inconsistency has motivated the production of unlocked version Digital Video players and recordable Digital Video players .

Region codes and the countries or areas represented by region codes are as follows:

Region 1: America, Canada, East-Pacific Inlands;

Region 2: Japan, West Europe, North Europe, Egypt, South Africa, Middle East;

Region 3: South-east Asian countries include Taiwan, Hong Kong, South Korea, Thailand, Indonesia, etc.;

Region 4: Australia, New Zealand, Central South America, South Pacific Inlands;

Region 5: Russia, Mongolia, Indian Peninsula, Middle Asia, East Europe, North Korea, North Africa, North-west Asia etc.;

Region 6: China mainland.

The 8 biggest film-making companies of America are as follows:

- 1. WarnerBros;*
- 2. Columbia;*
- 3. 20thCenturyFOX;*
- 4. Paramount;*
- 5. Universal;*
- 6. UA(UnitedArtist);*
- 7. MGM(MetroDogwynMayer);*
- 8. WaltDisney*

* Parental Control

Q: After inserting a Digital Video disc into the disc slot, if a dialogue box pops up and asks you to input a password, what should you do ?

A: The playing disc is locked by a rating level of parental control. If the current rating level of parental control of the Digital Video player is lower than the one of current disc, you must input the correct password of parental control to unlock the parental control and enter a rating level equal to or higher than one of the current disc in order to play the disc.

* For factory preset password of parental control of Digital Video player, please see the part of Media Setup Menu.

Appendix: Parental Control

Parental Control function of a Digital Video player can control playback of movie ratings on a disc. You can set the Digital Video player to be a certain rating level of parental control using the Media Setup Menu. If the rating level of parental control of a disc is higher than the one of the Digital Video player, the Digital Video player cannot play the disc.

The Digital Video movie can be designed so that the Digital Video player can play different versions of content of a particular movie according to the different rating levels of parental control. Depending on the Digital Video features, the scenes that are not suitable for children will be cleared or replaced by suitable scenes automatically.

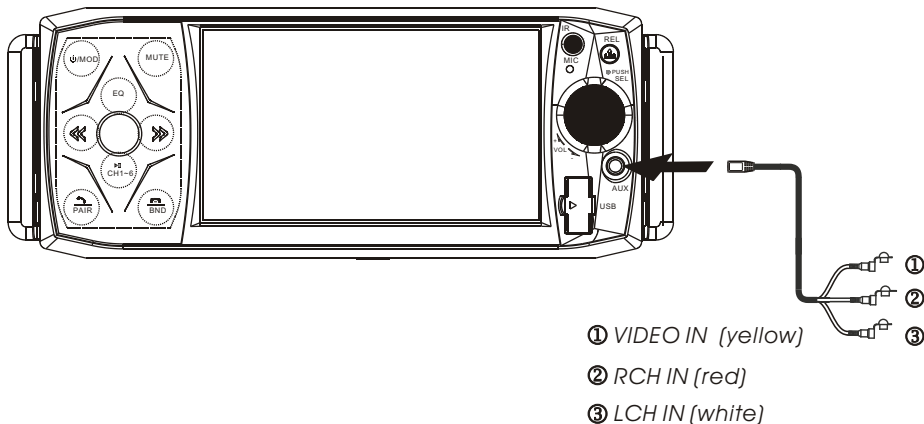
The rating levels of Parental Control are as follows:

- 1 Kid Safe
- 2 G
- 3 PG
- 4 PG 13
- 5 PG R
- 6 R
- 7 NC 17
- 8 Adult

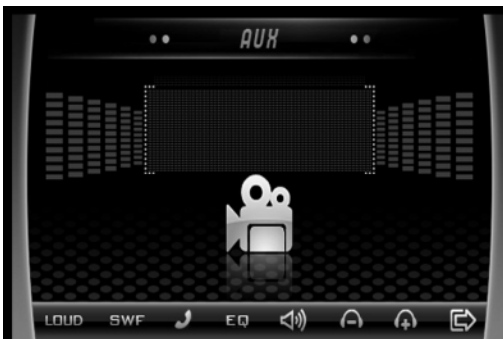
AV IN operation

An external AV system can use the car AV system as monitor and amplifier.

1. Use an AV cable to make the car AV system and the external AV system connected through the AUX IN jack on control panel of the car AV system and the AV Out jacks of the external AV system.



2. Play the external AV system, then use MODE button or Source Menu to enter AV IN mode for the car AV system. By now, the program played by the external AV system can be output through the monitor of the car AV system and the speakers connected to the car AV system.



* The icons on the AUX interface describe as follows:

- | | |
|--|--|
| : Popping up Source Menu. | : Same as EQ button. |
| : Same as VOL+ button or rotating VOL knob with clock wise. | : Same as MUTE button. |
| : Same as VOL- button or rotating VOL knob with anti-clock wise. | SWF : Same as long pressing SW button. |
| : press it to pop up BT PHONE interface | LOUD: Same as long pressing EQ button. |

3. In AV IN mode, you can use SEL, +, -, VOL, MUTE, EQ, SW and LOUD buttons or icons to adjust audio and video.

REAR VIEW CAMERA

The car AV system can make you look at the actual status behind your car when you change the gear level to the back position.

1. Use an video cable to make the car AV system and the rear view camera connected through the REAR CAMERA INPUT jack in the rear cabinet of the car AV system and the VIDEO OUTPUT jack of the rear view camera.

Make the REAR CAMERA SWITCH line in the rear cabinet of the car AV system connected to (B+)12V power supply.

2. When you change the gear level to the back position, the screen of the car AV system will display the actual status behind your car.

* Note : the external monitor can not display the actual status behind your car.

Troubleshooting

Please read the user manual carefully before using the car A/V system. If you have any difficulty using this car A/V system, refer to the troubleshooting guide. If you are still unable to resolve the problem after using all the suggestions, please contact your dealer or an authorised service centre .

NO PICTURE, SOUND

- * Ensure that the power switch is on.
- * Ensure that the power cord is not damaged or the fuse is not blown.

NO SOUND BUT HAVE PICTURE

- * Ensure that the player's audio output is properly connected to the speaker's audio input.
- * Check whether the audio connector is damaged.
- * Check whether you have turned down the volume.
- * Ensure that the audio is not in MUTE mode.

BLACK AND WHITE PICTURE OR SCREEN ROLLING

- * Ensure that you have set right mode of video system (e.g. PAL, NTSC).

FLAWS OF PICTURE OR SOUND

- * Check whether disc is scratched or stained.
- * Check whether AV connector and output terminal is stained.
- * Check whether there is condensation inside the lens. If so, power on the player and do not work for an hour or so, then try again.

DISPLAYS: NO DISC OR BAD DISC

- * Ensure that you have inserted a disc into the disc slot.
- * Check whether disc is inserted with label side upwards.
- * Check whether disc is bent.
- * Check whether disc is stained or scratched badly.
- * Ensure that disc format is compatible to the player.
- * Ensure that temperature inside the car is not too high. If so, cool off until the ambient temperature returns to normal.
- * Insert another disc into the disc slot.

REMOTE CONTROL IS INSENSITIVE OR DOES NOT WORK

- * Check whether the lithium cell of the remote control is powerful and working properly.
- * Direct the IR emitting window of the remote control to the IR sensor of main unit.
- * Check whether there are some obstacles between remote control and main unit.

SOME FUNCTION BUTTONS DO NOT WORK

- * Turn off ACC power, then turn on again.
- * Reset unit to zero, then turn on again.
- * Remove control panel from chassis, reattach it onto the chassis and then turn it on again.

RADIO DOES NOT WORK

- * Check whether antenna cable is connected firmly.
- * Manually tune for a station.

Specification

General

Power Supply Requirement.....	DC 12V
Current consumption.....	15A MAX.
Output Power.....	4 x 25 W

Audio

Signal Output.....	2ch&4ch line out
Frequency Response.....	20 Hz - 20 KHz
S/N Ratio.....	90 dB (JIS)
Wow and Flutter.....	Below measurable limits

TFT Monitor

Monitor Screen Size.....	4.3 Inch Wide
Color System.....	NTSC/PAL

Disc/USB/Card

Compatible Format....	Digital Video/MPEG4/VCD/IMAGE/MP3/WMA/CD
-----------------------	--

Radio

FM

Frequency range.....	87.5MHz - 107.9MHz
Usable sensitivity.....	15dBu
I.F Frequency.....	10.7MHz

AM

Frequency.....	530KHz - 1710KHz
Usable sensitivity.....	40dBu
I.F Frequency.....	450KHz

TV

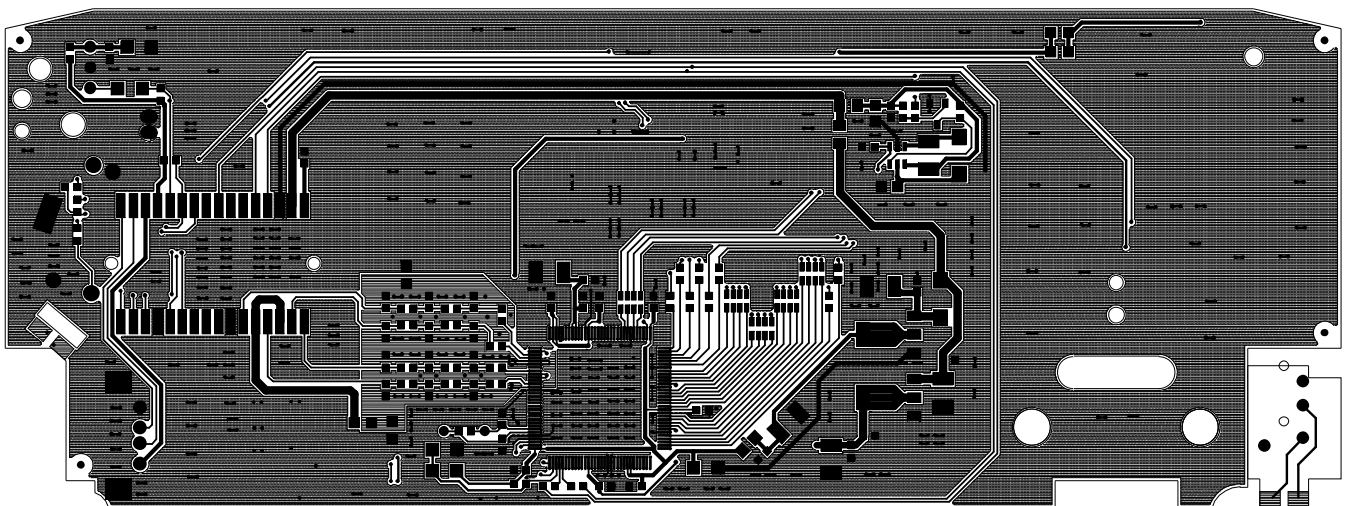
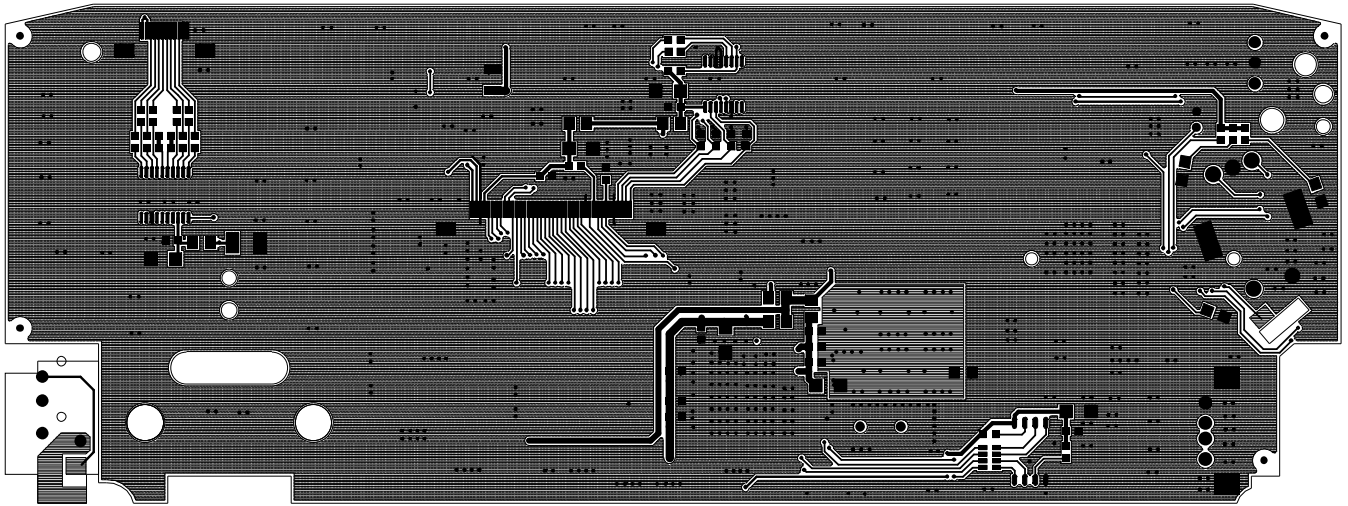
TV System.....	NTSC/PAL/SECAM
TV Sensitivity.....	45dB uV@CH25 in average

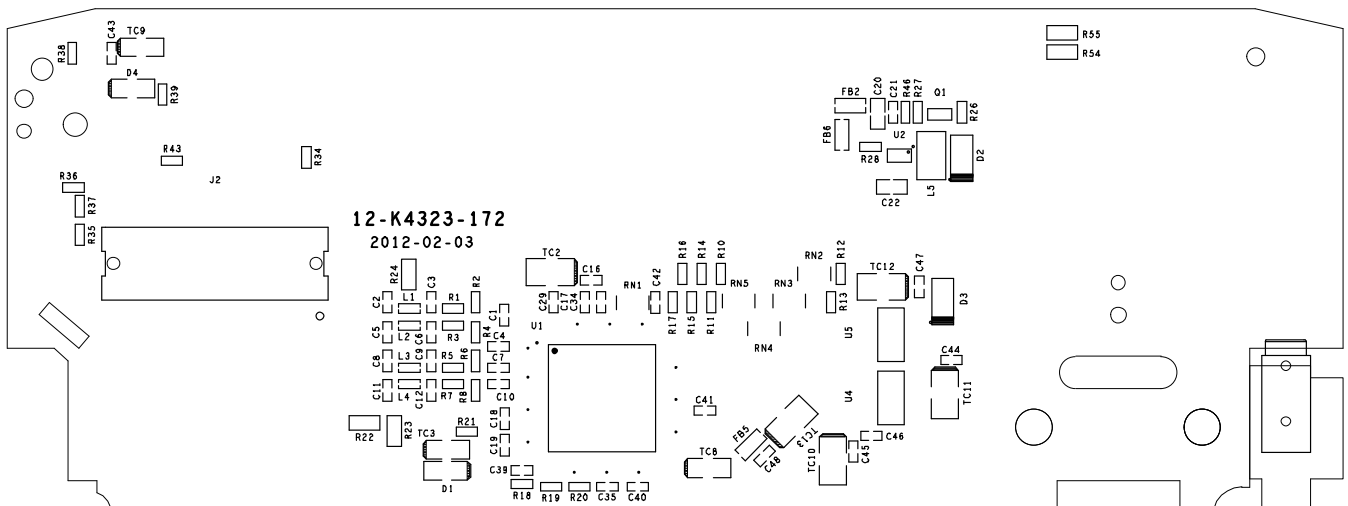
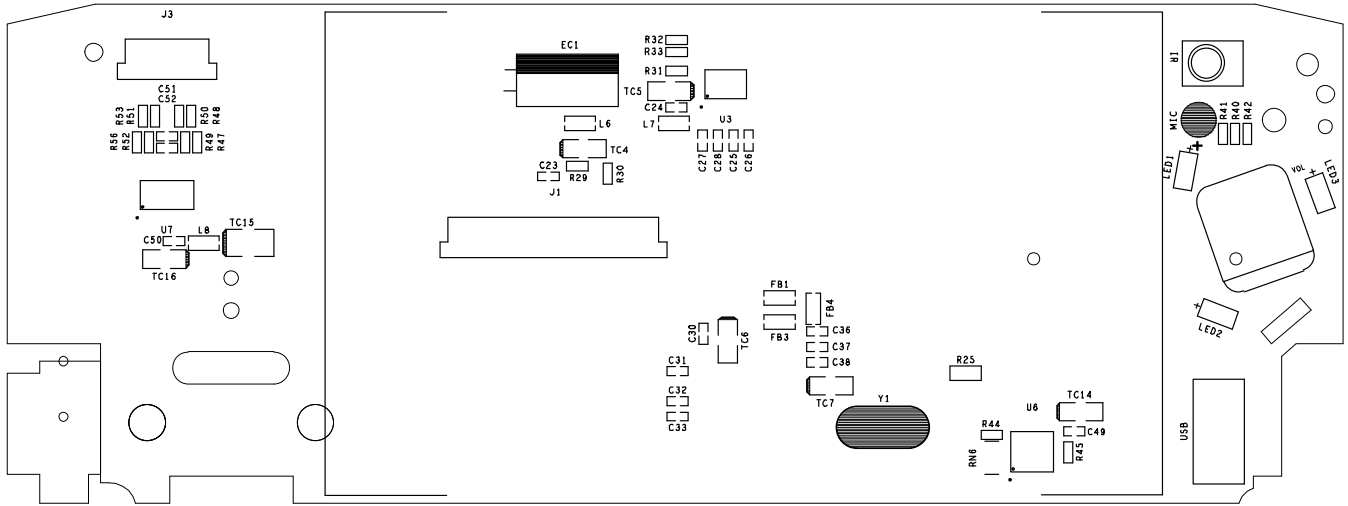
BT :

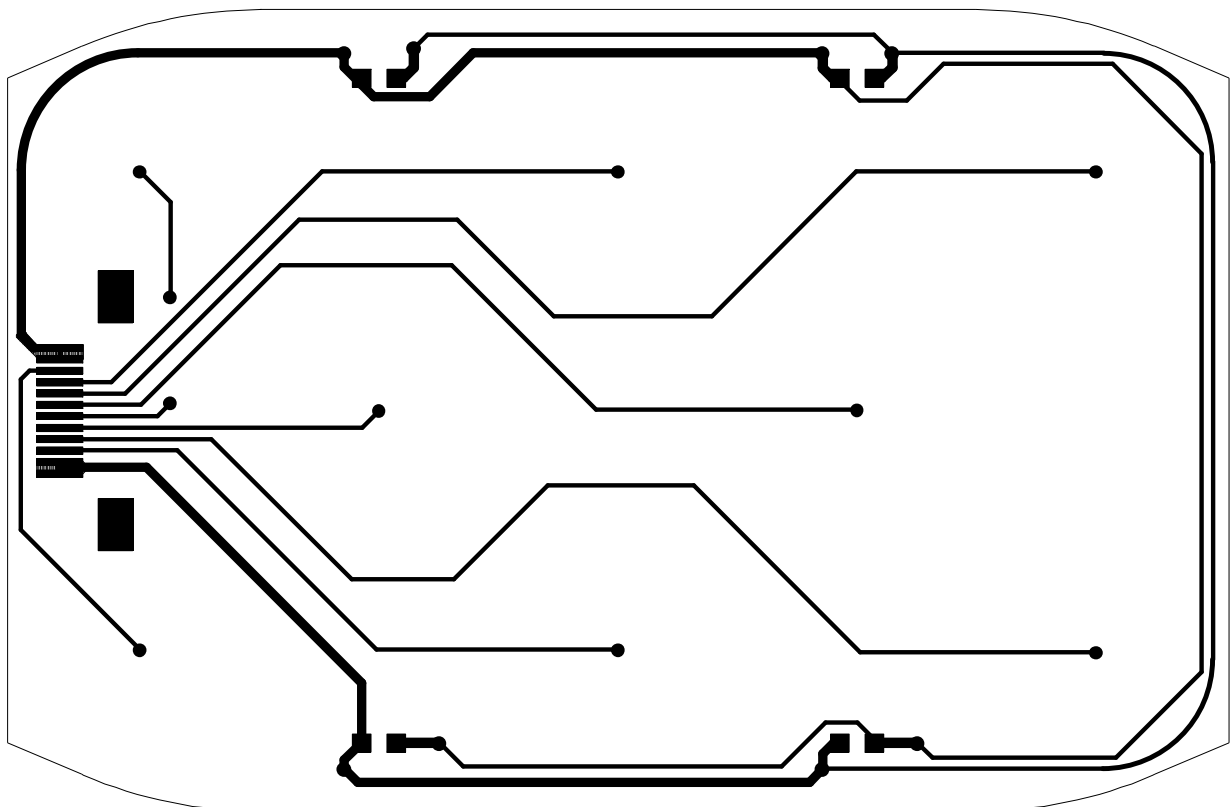
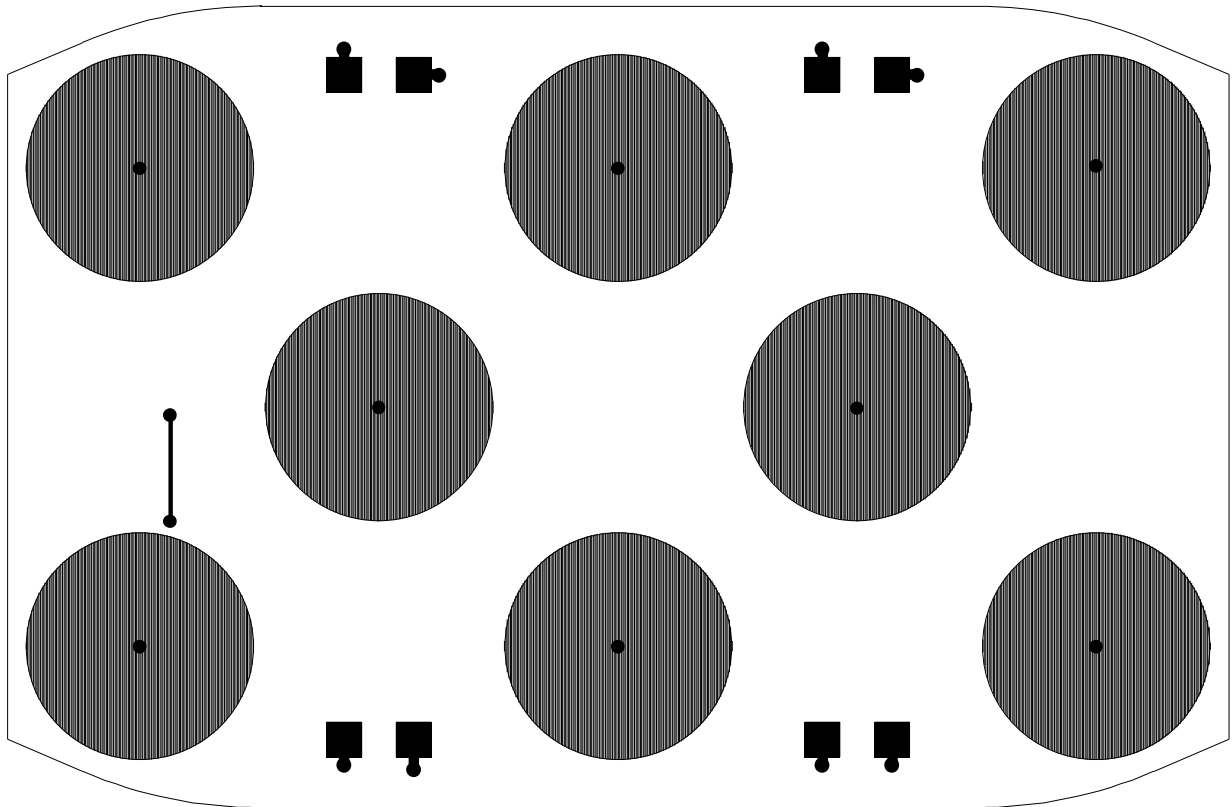
BT specification.....	V1.2 Class 2
BT profile supported.....	Headset, Handsfree and A2DP & AVRCP profiles
Range of frequency.....	2.4GHz Spectrum

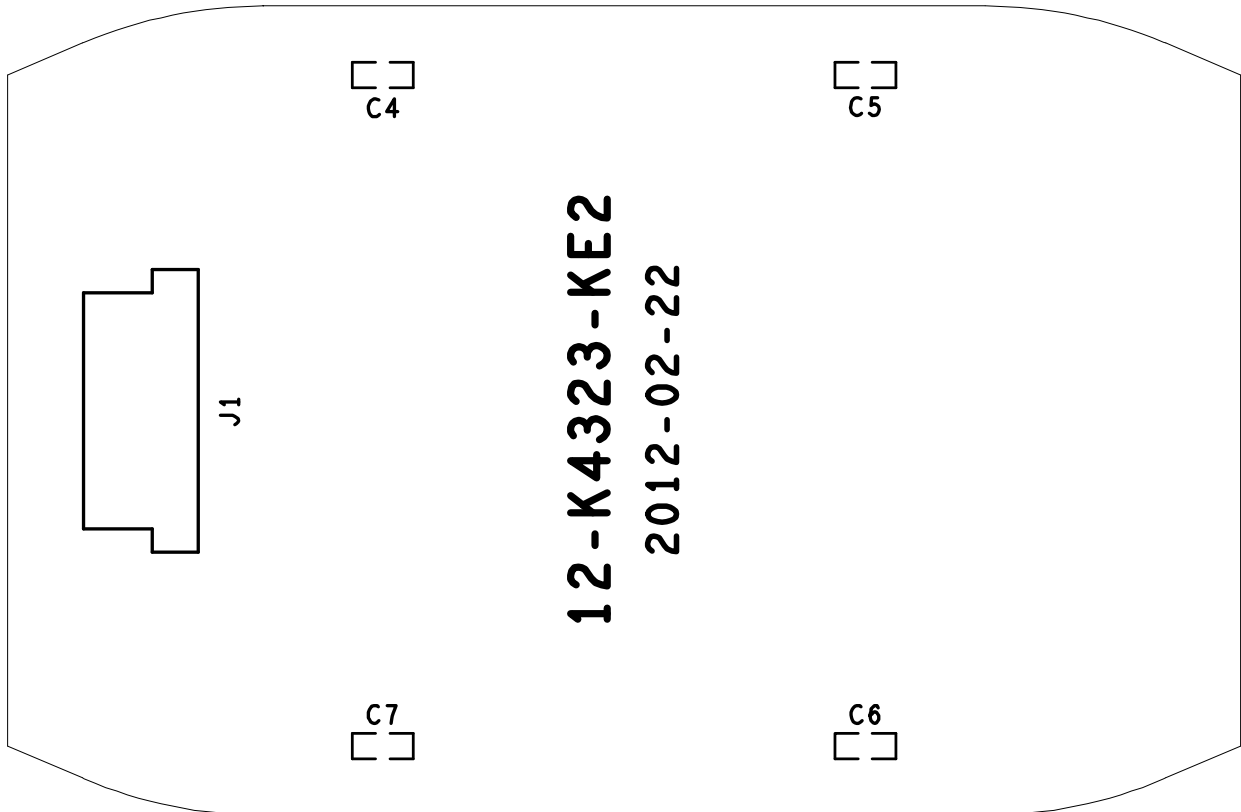
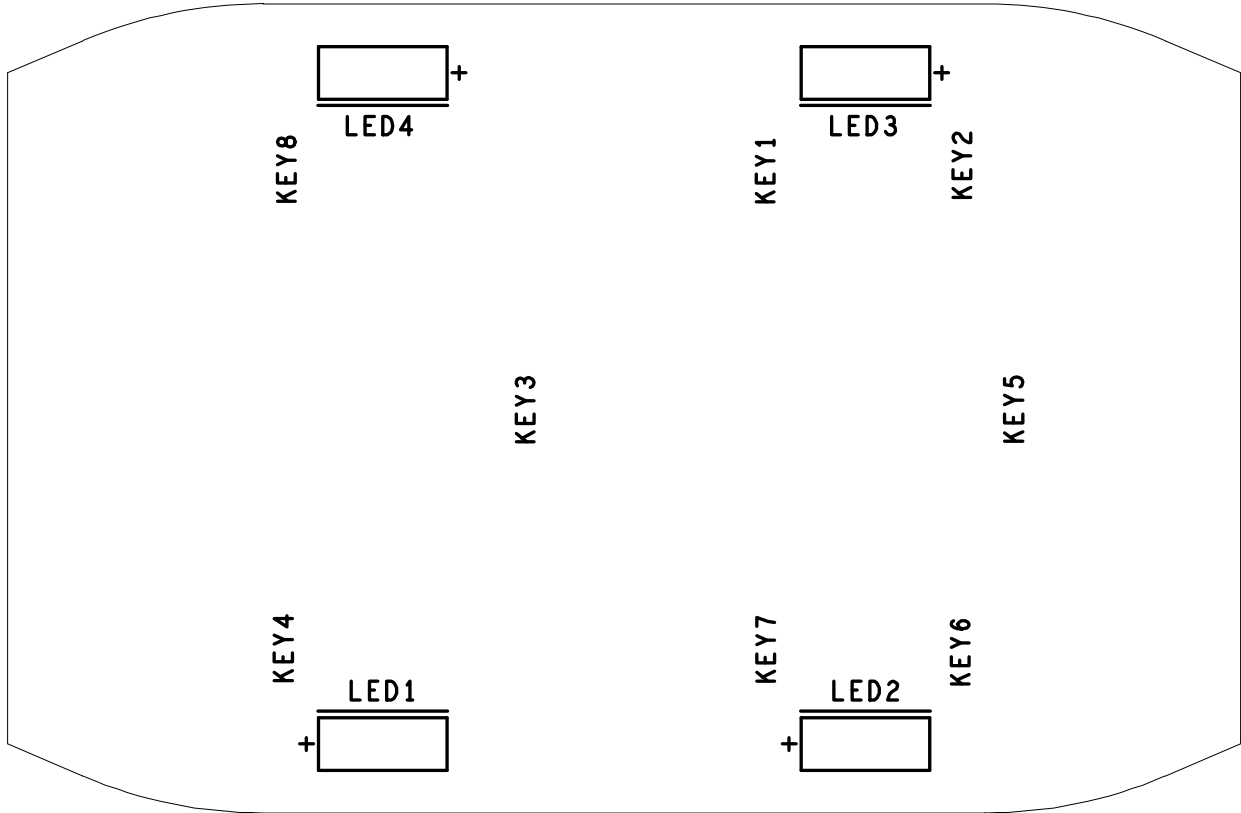
NOTE:

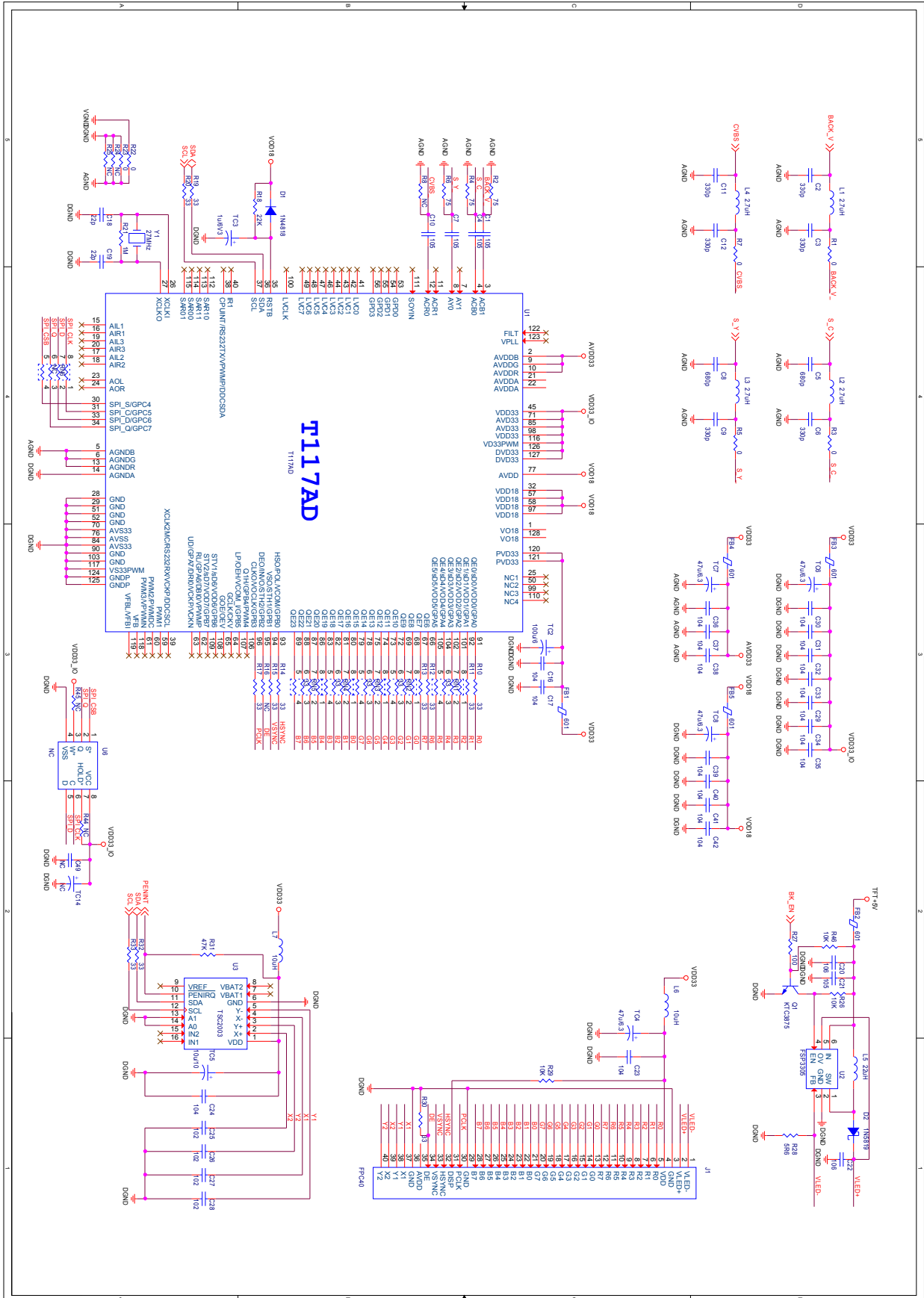
Specification and design are subject to modification, without notice, due to improvements in technology.

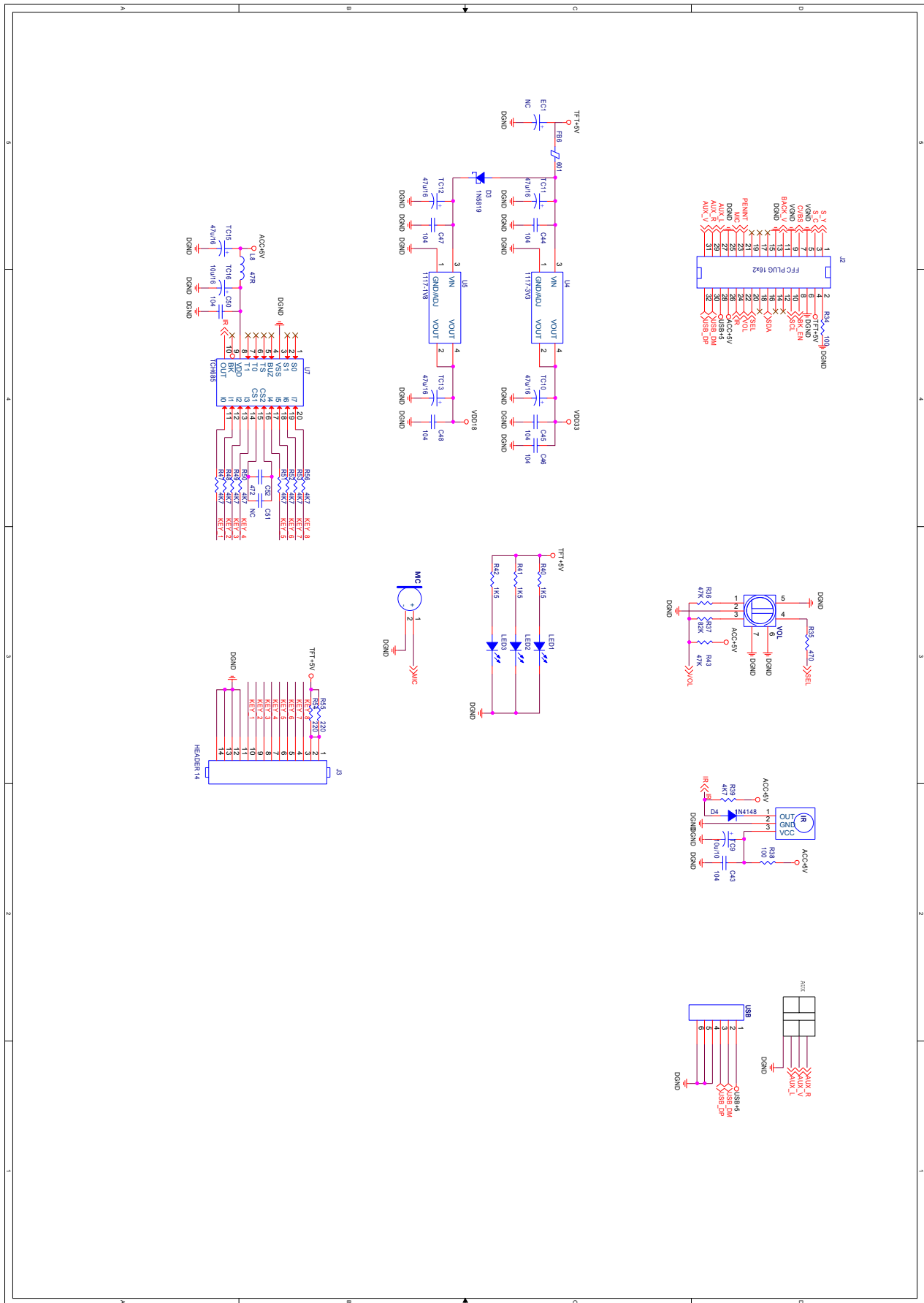


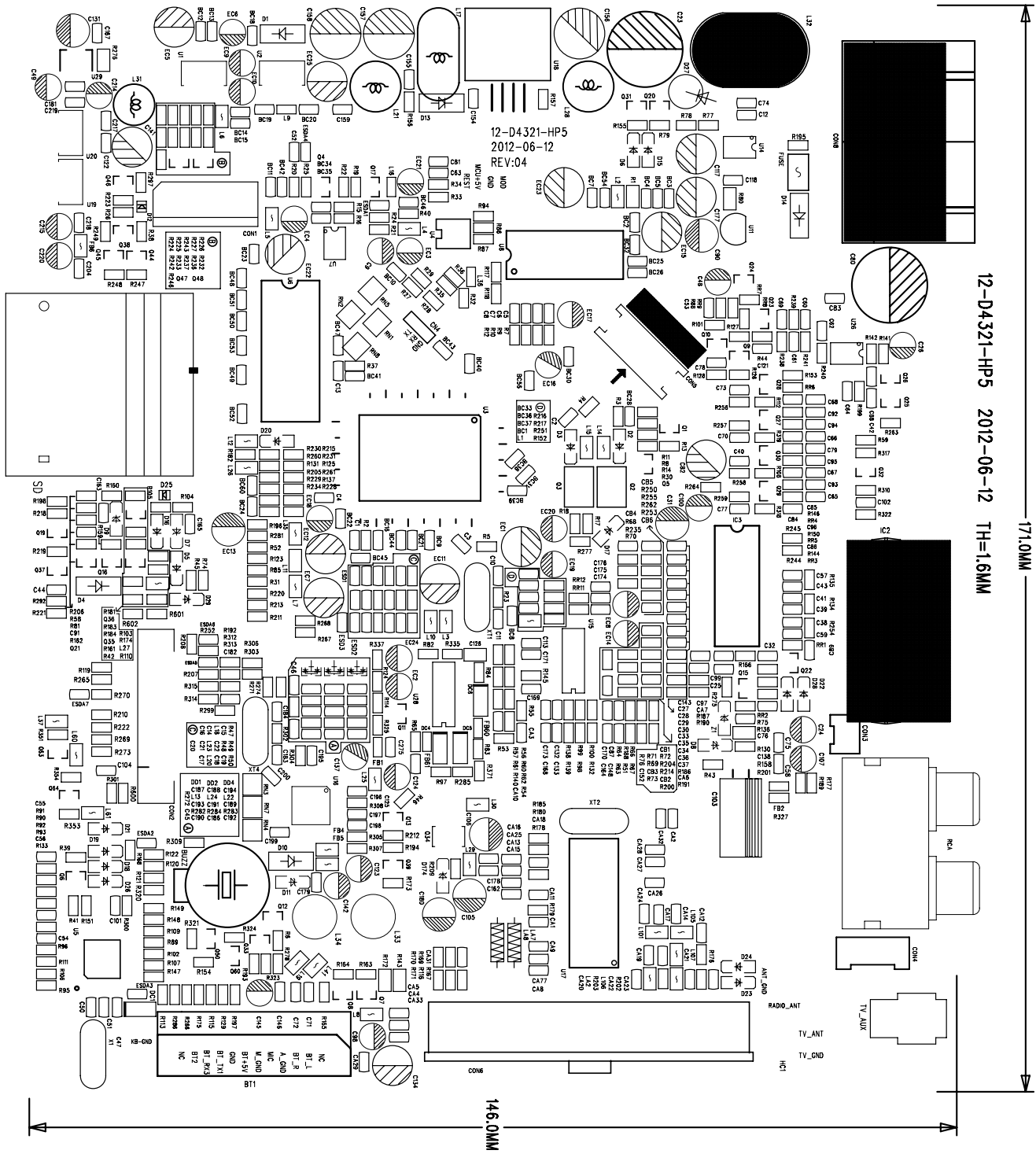


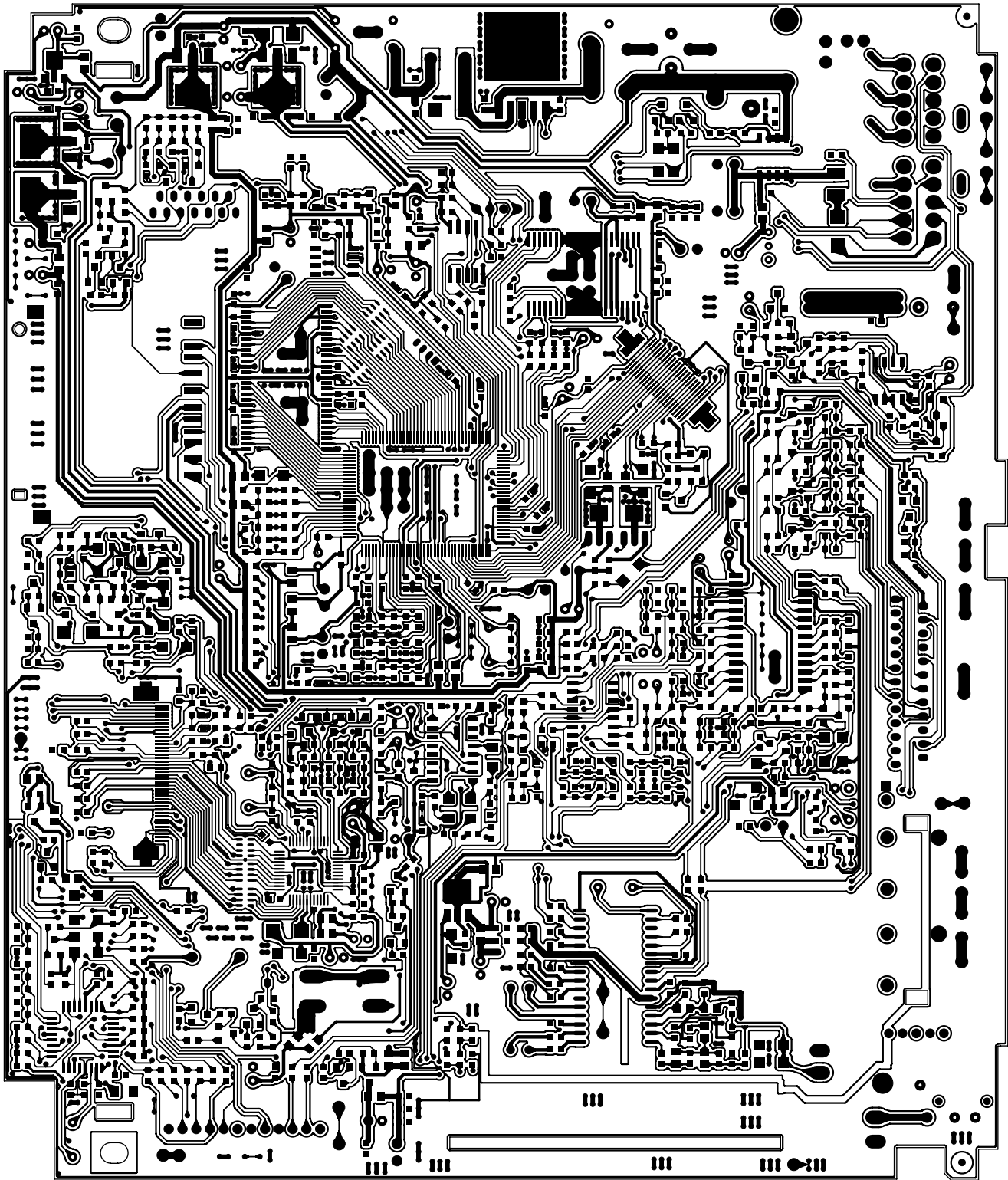


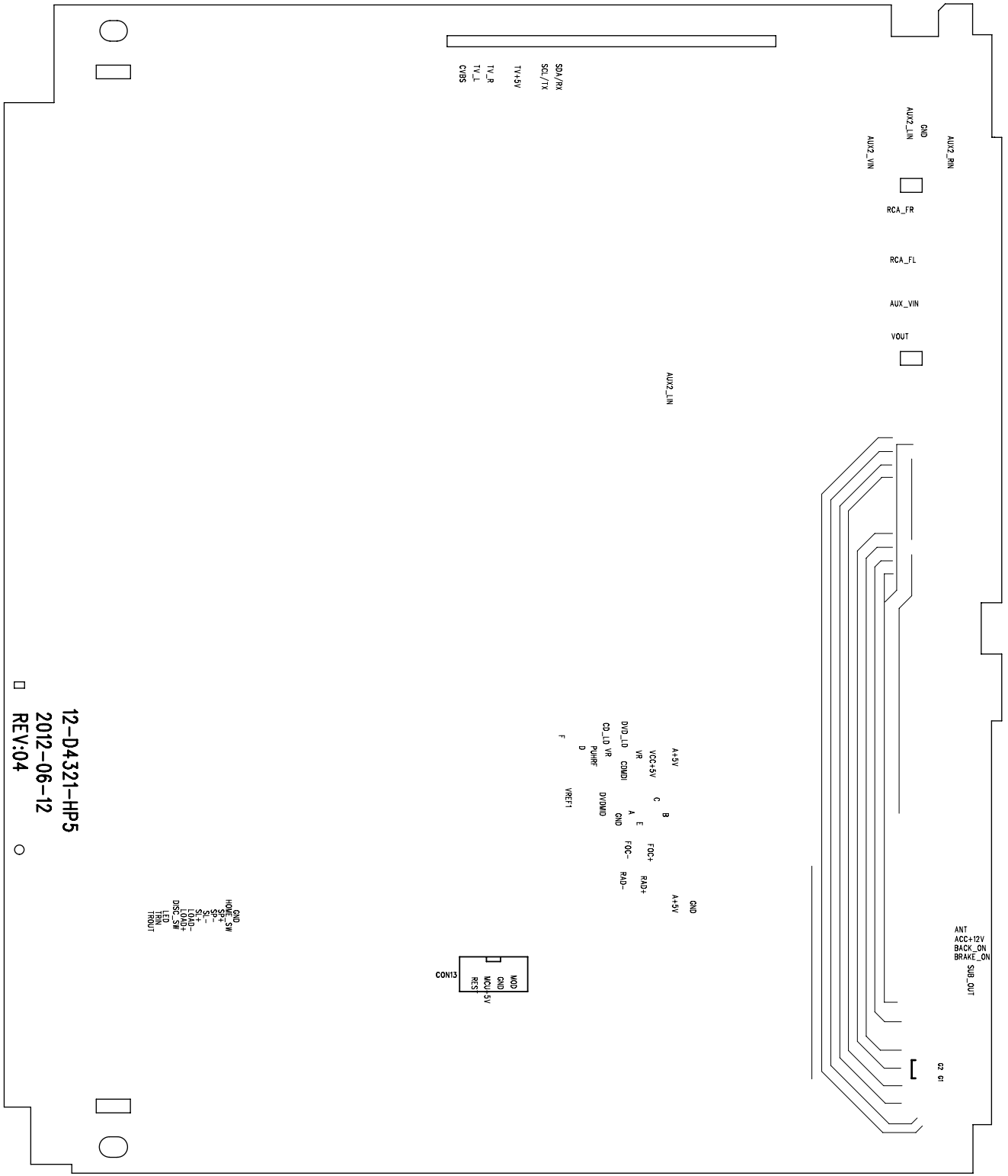




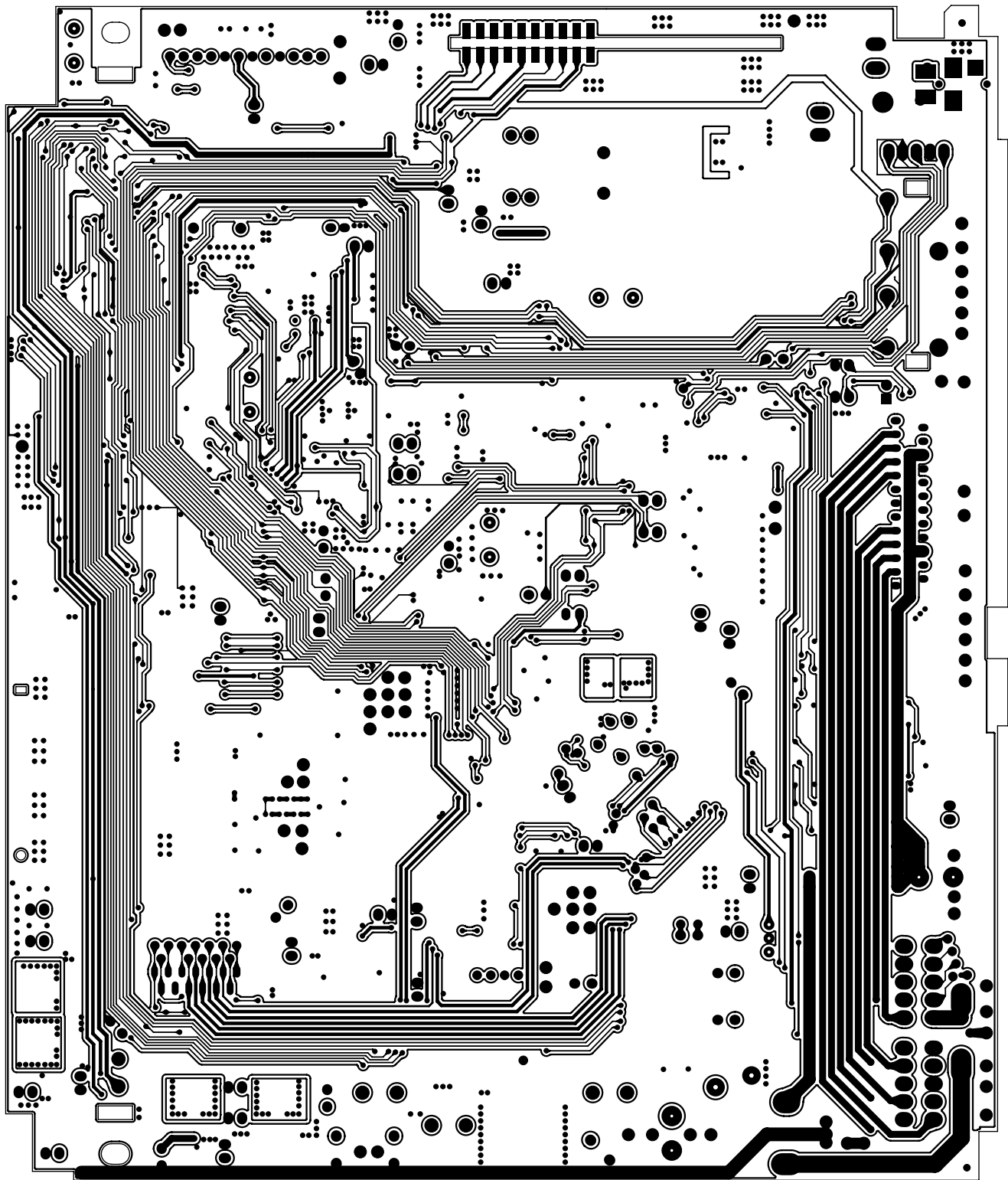


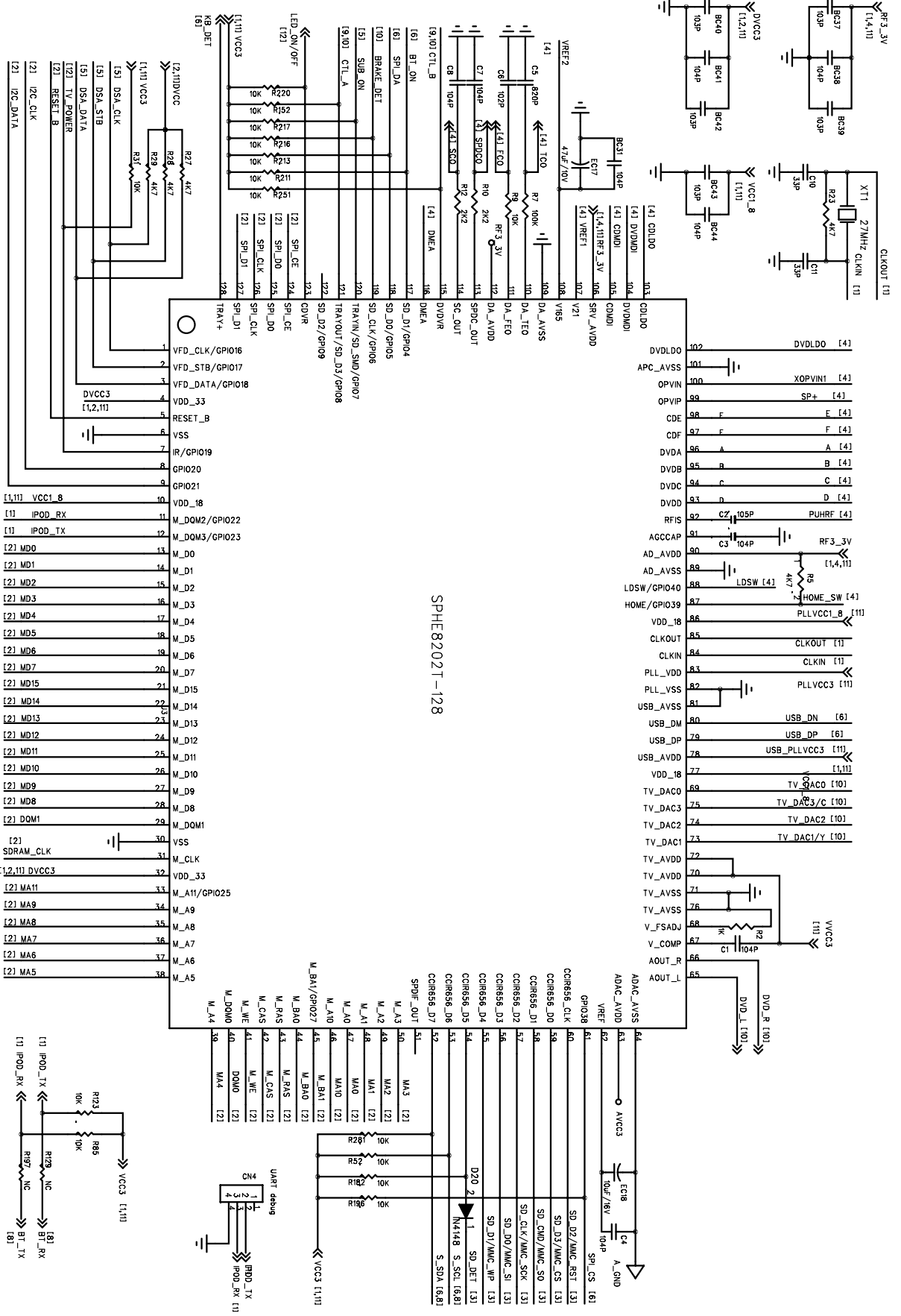




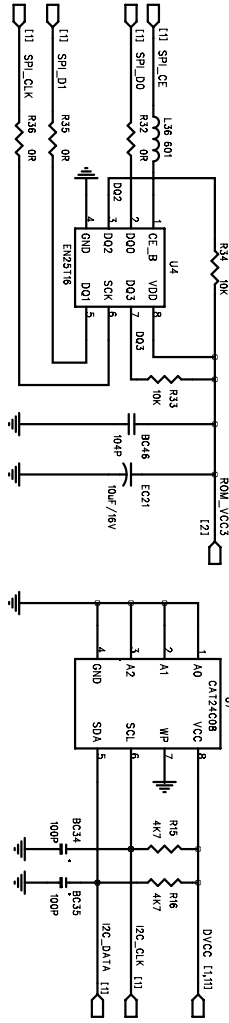


12-D4321-HP5
 2012-06-12
 REV:04

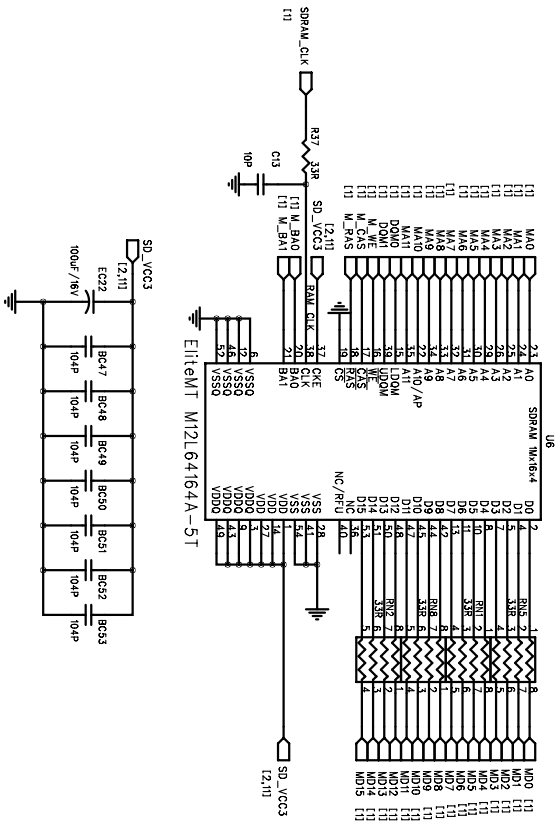




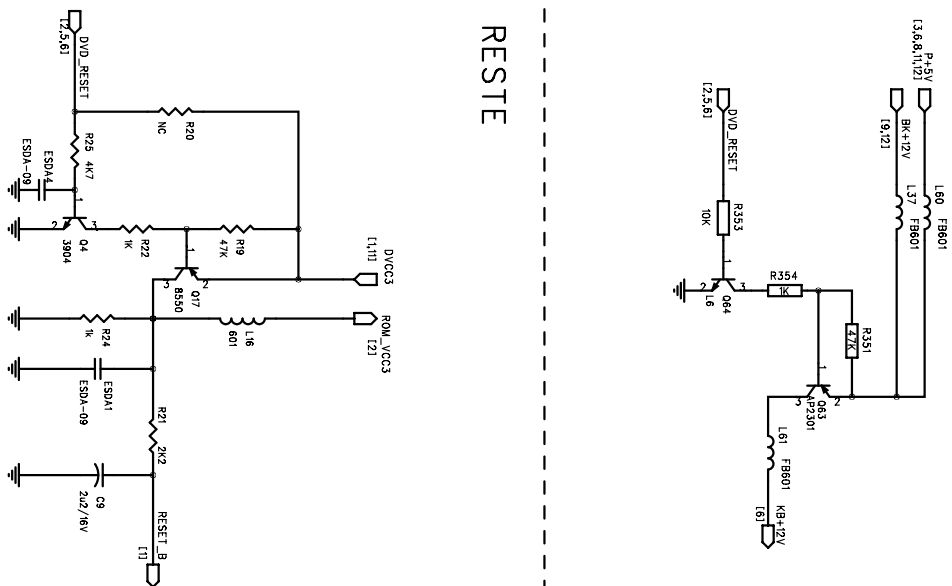
Flash



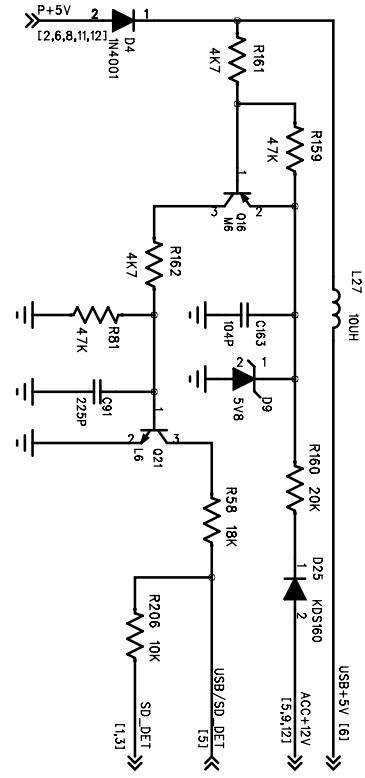
SDROM



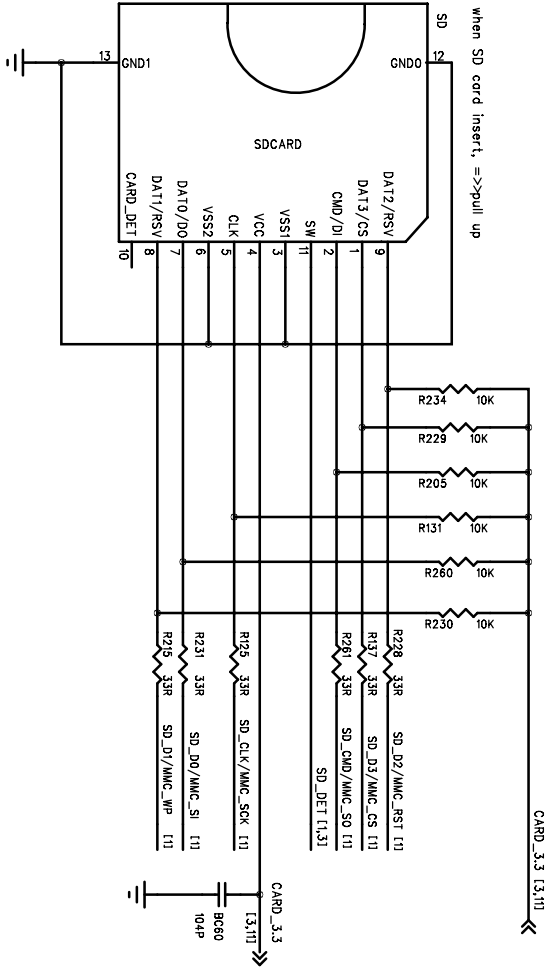
RESTE

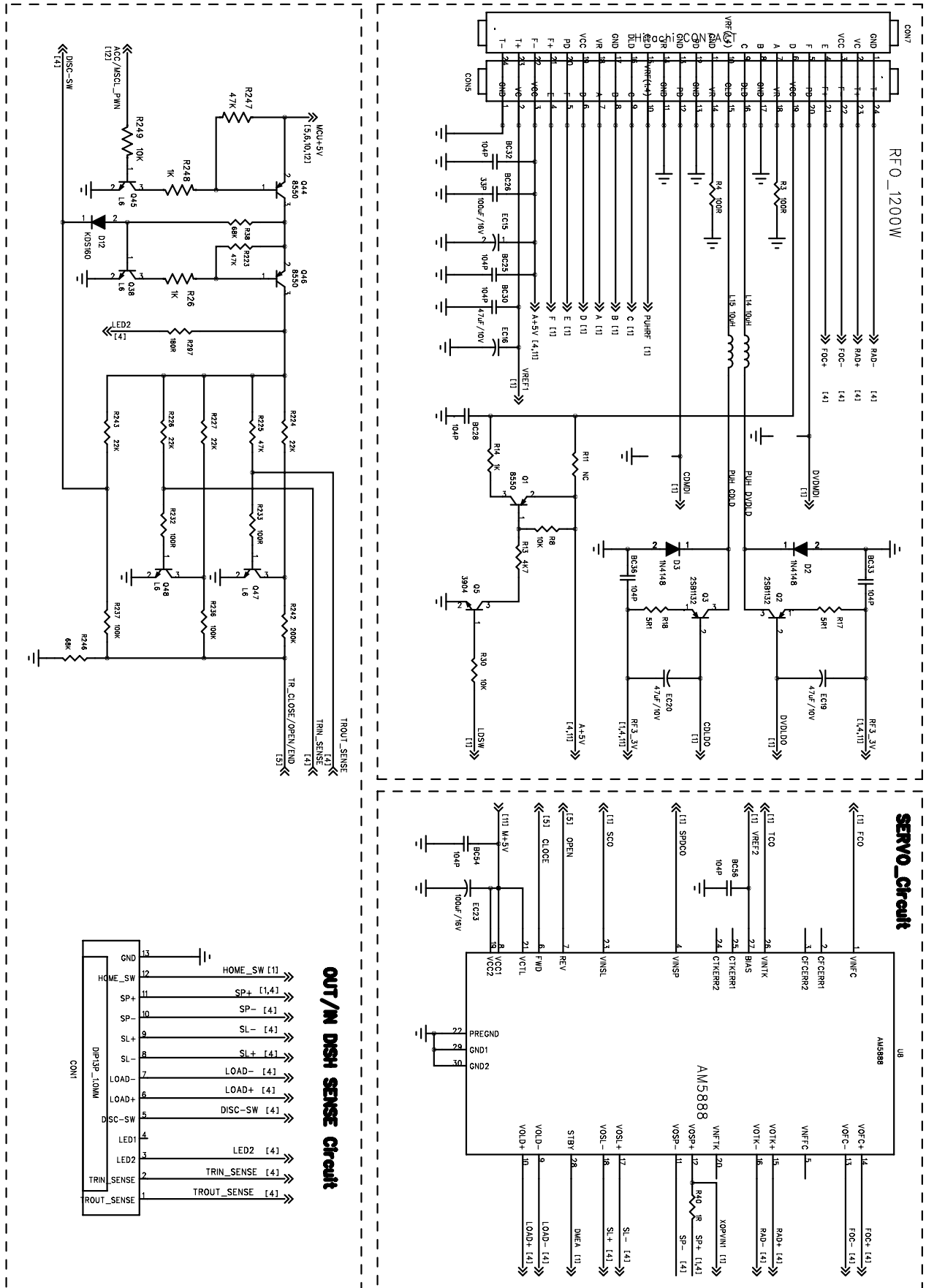


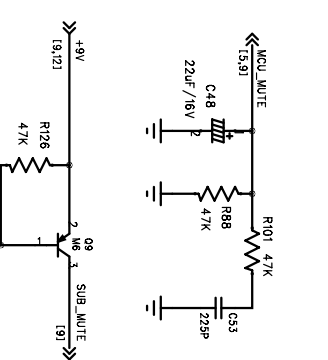
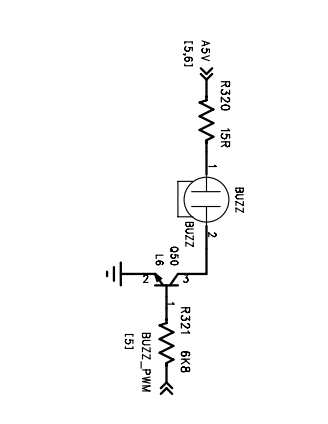
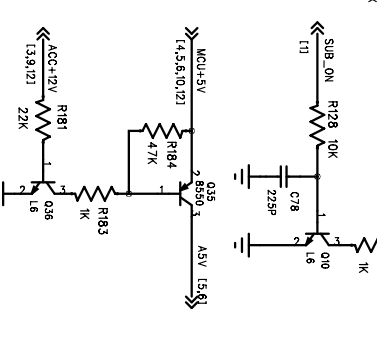
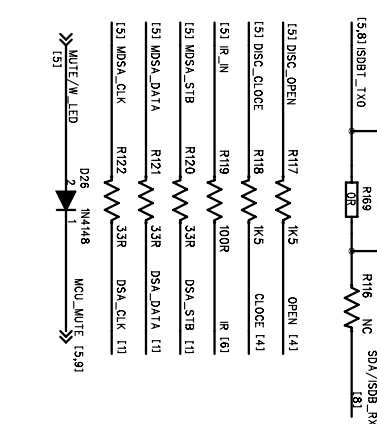
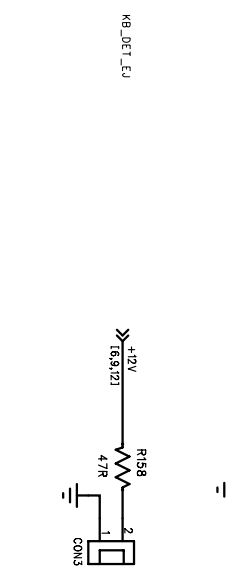
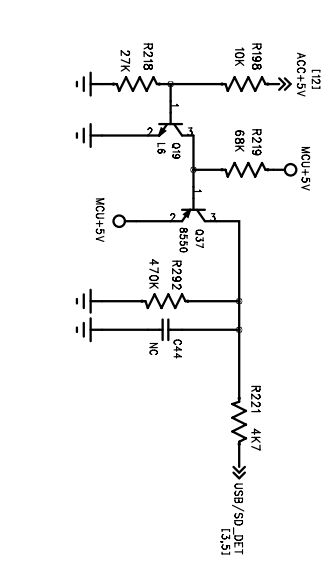
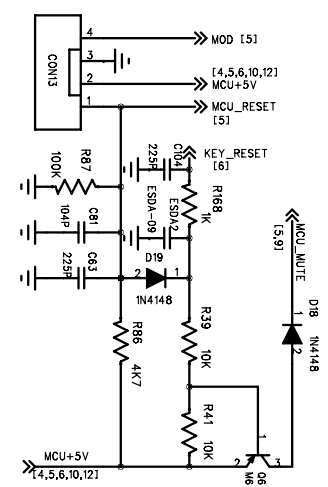
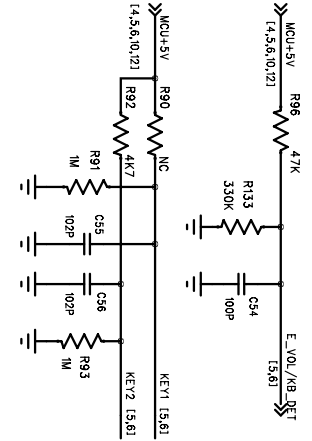
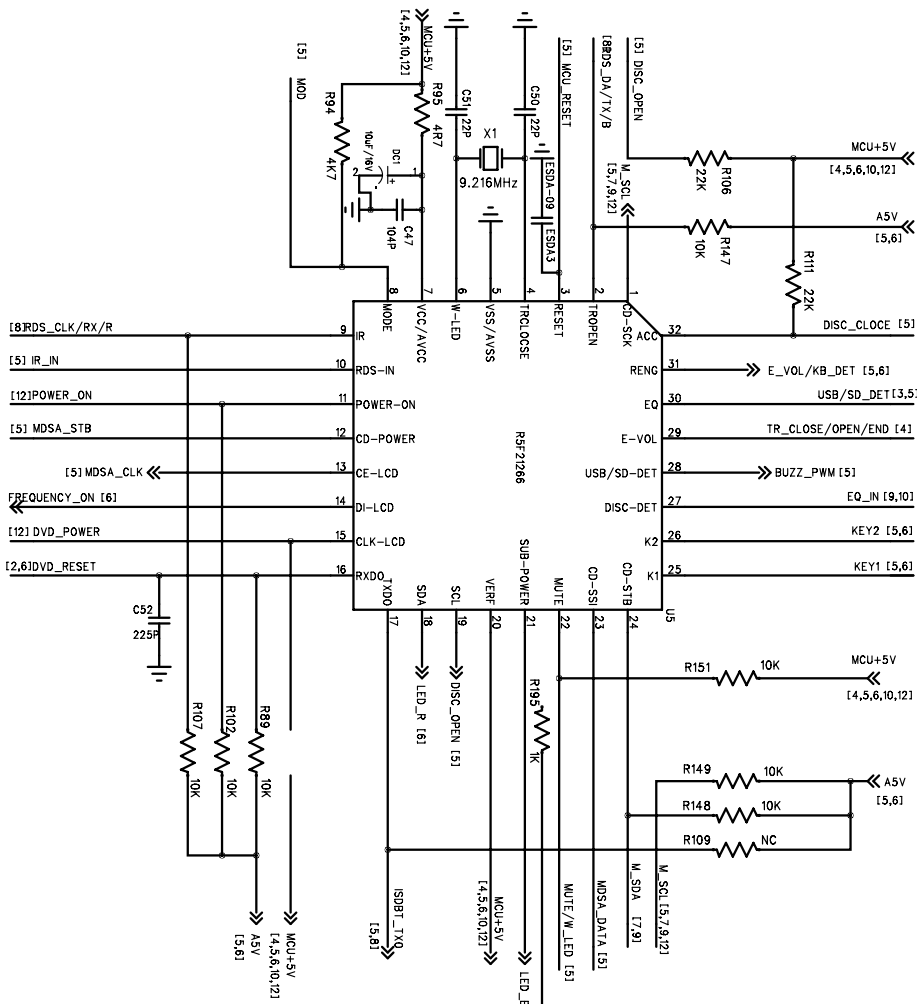
USB & SD DET Circuit



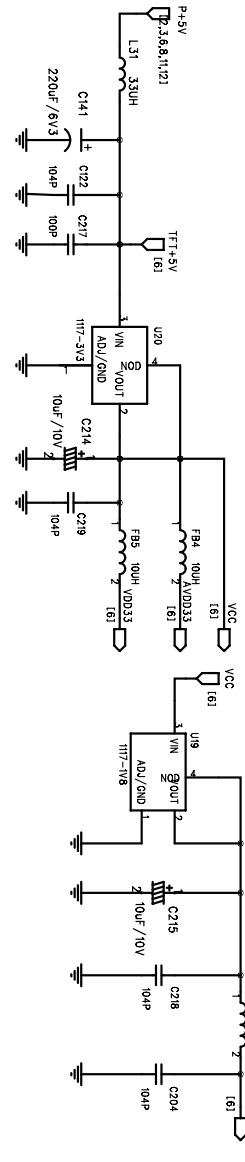
SD and MMC



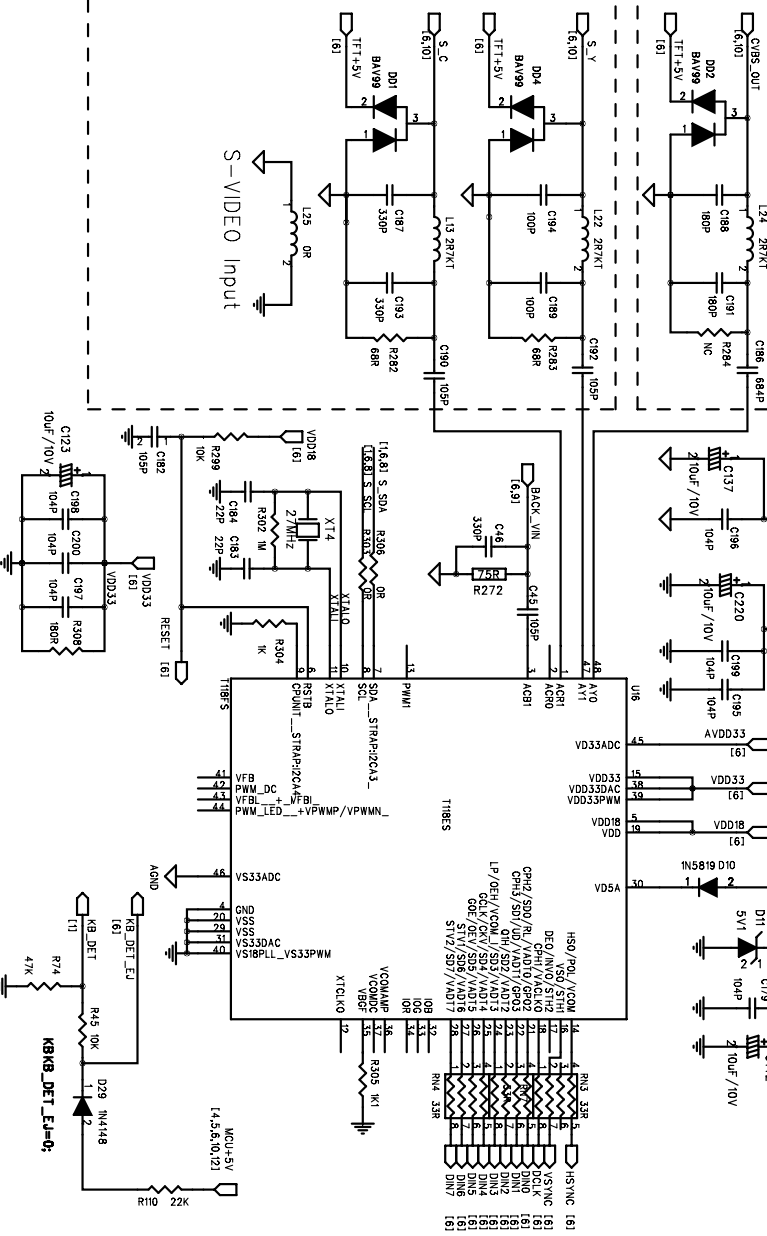




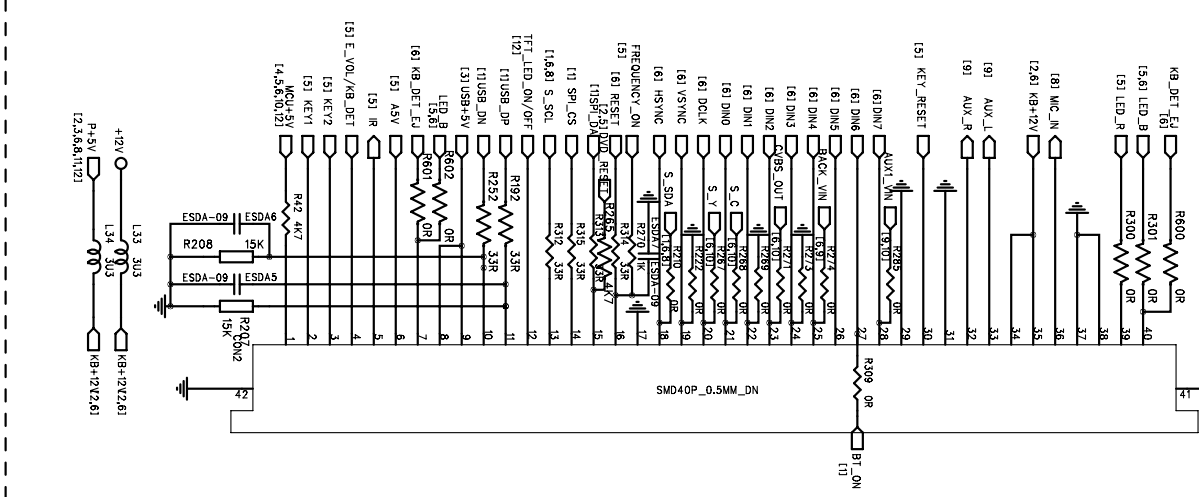
T118ES power Circuit



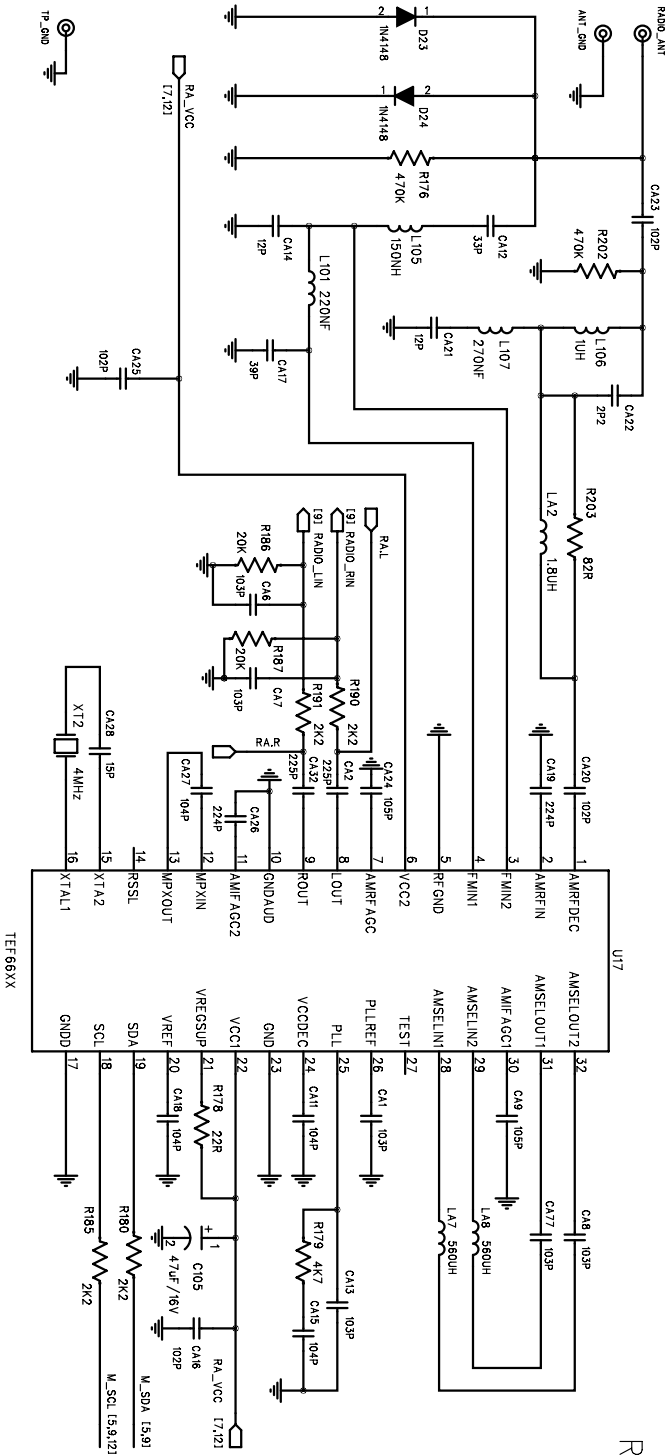
CVBS Input



TO KB

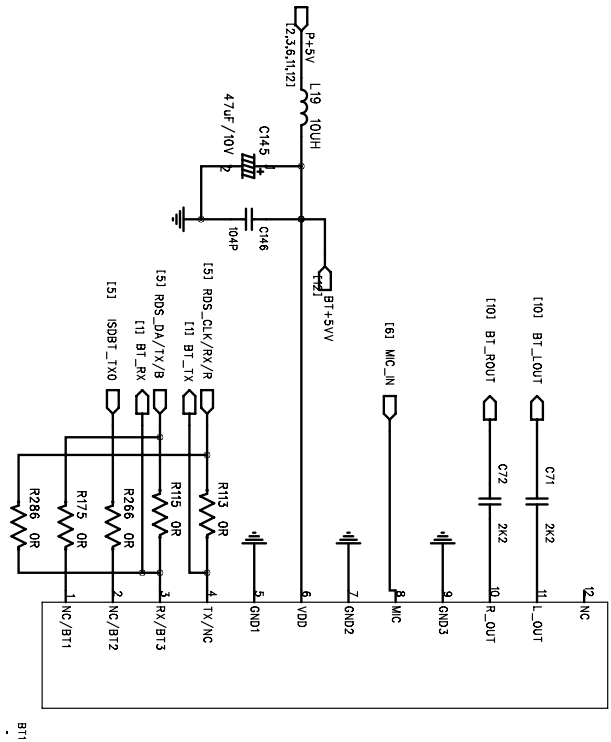


RADIO Circuit

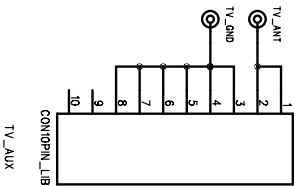
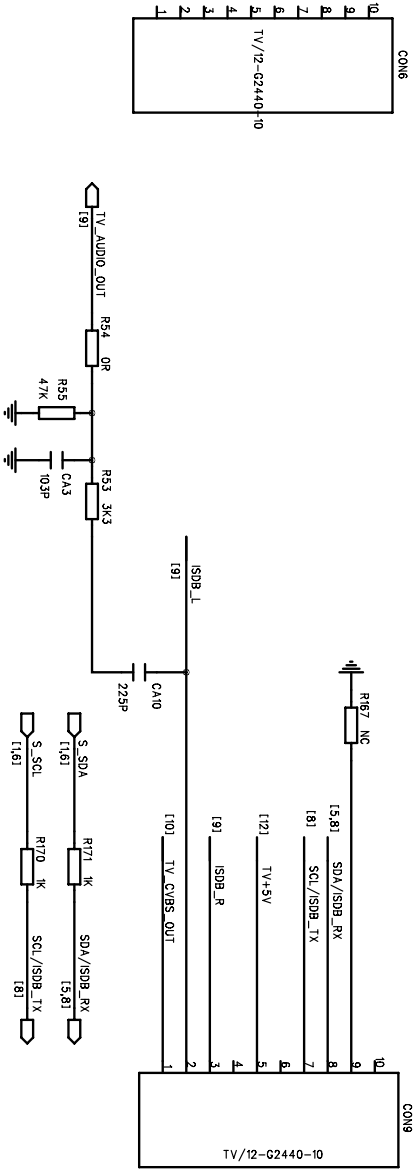


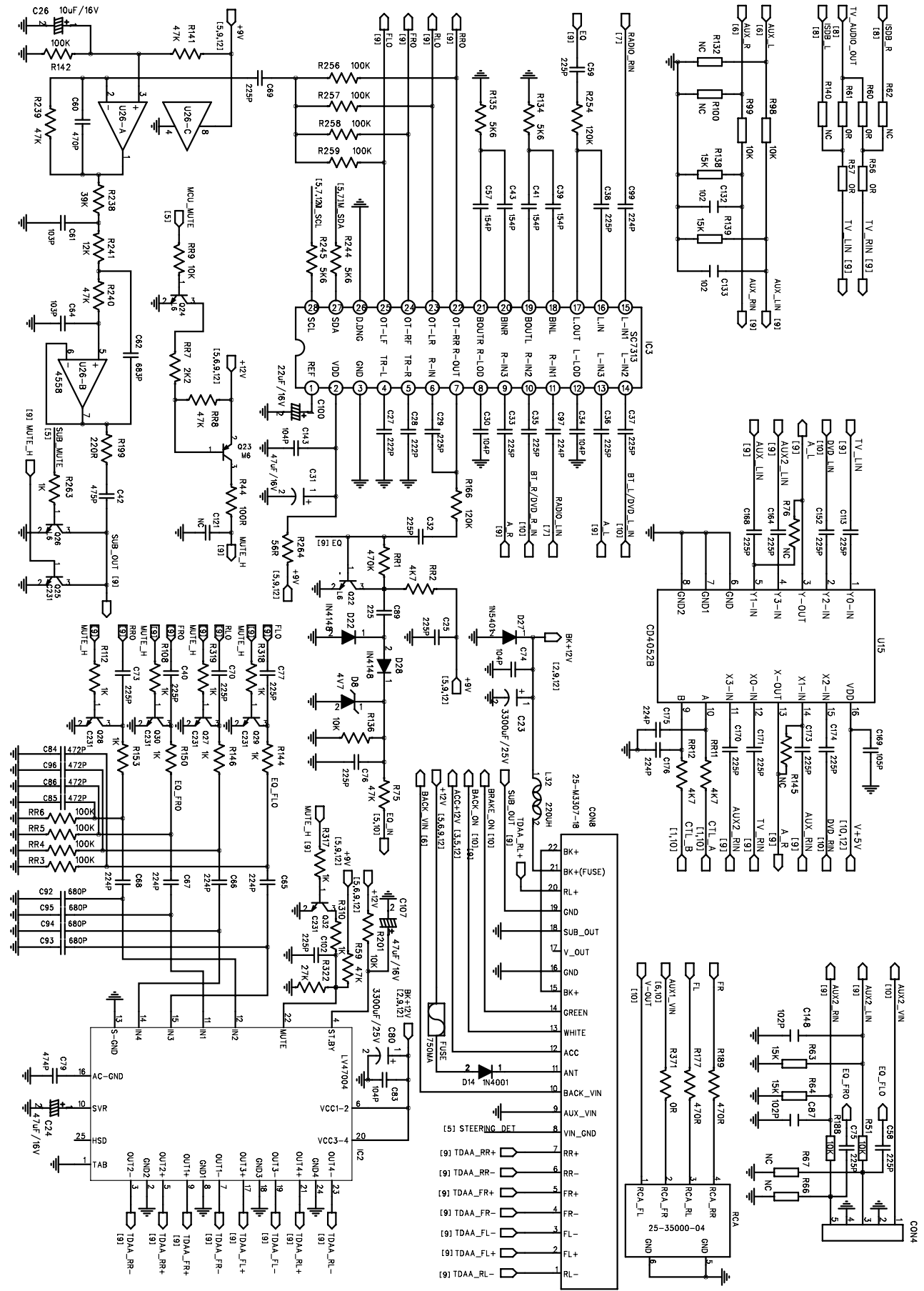
RADIO Circuit

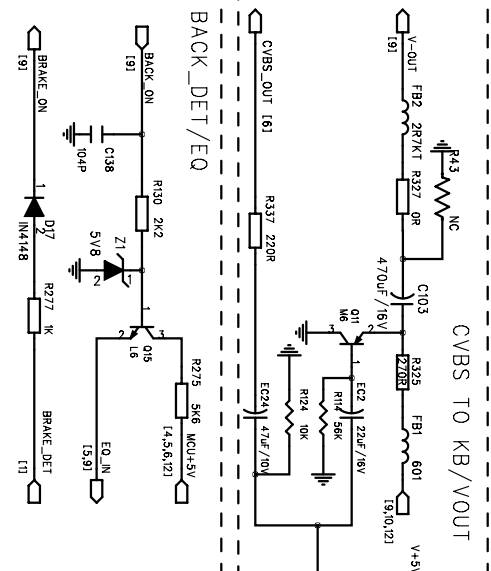
BT Circuit



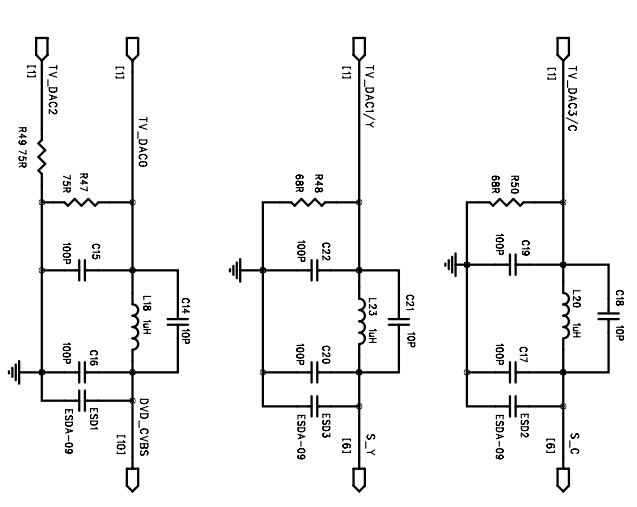
TV Circuit



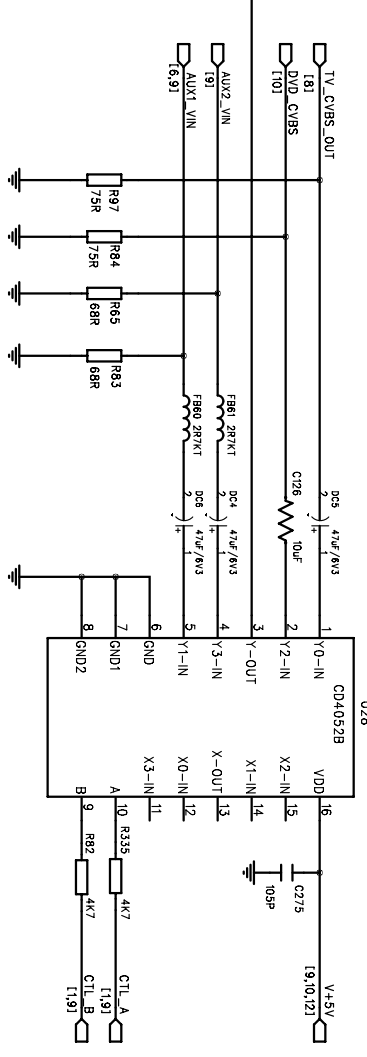




CVBS CVIDEO Circuit



VIDEO_Circuit



DVD R/L Circuit

