

Service
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Service Manual

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**CLASS 1
LASER PRODUCT**

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Version 1.1



PHILIPS

SPEIFICATION

Amplifier

Rated output power 2 x 50W RMS
 Frequency response 20 - 20000Hz, - 3dB
 Signal to noise ratio > 65dB
 Aux input 1V RMS 20kohm

Disc

Laser type Semiconductor
 Disc diameter 12cm/8cm
 Video decoding MPEG-1 / MPEG-2 / Divx
 Video DAC 12Bits
 Signal system PAL / NTSC
 Video format 4:3 / 16:9
 Video S/N > 48dB
 Audio DAC 24Bits / 96kHz
 Total harmonic distortion < 0.1% (1kHz)
 Frequency response 4Hz - 20kHz (44.1kHz)
 4Hz - 22kHz (48kHz)
 4Hz - 24kHz (96kHz)
 S/N ratio > 65dBA

Tuner

FM tuning range 87.5 - 108MHz
 Tuning grid 50KHz
 Sensitivity
 – Mono, 26dB S/N ratio 50uV
 – Stereo, 46dB S/N ratio 100uV
 Selectivity > 28dB
 Image rejection > 25dB
 Total harmonic distortion < 3%
 Signal to noise ratio > 55dBA

Speakers

Speaker impedance 4 ohm
 Speaker driver, base 5"
 Speaker driver, tweeter 0.2"
 Frequency response 60 - 20000 Hz

General information

Total output power 2 x 75W RMS
 AC power 220V - 230V, 50Hz / 60Hz
 Operation power consumption 55W
 Standby power consumption < 7W
 Eco standby power consumption 1W
 Composite video output 1.0Vpp-p, 75ohm
 Coaxial output 0.5Vpp ± 0.1Vpp 75ohm
 Headphone output 2 X 15mW, 32ohm
 USB direct Version 1.1

Dimensions

– Main unit (W x H x D)
 240 x 160 x 230mm
 – Speaker box (W x H x D)
 160 x 270 x 220mm

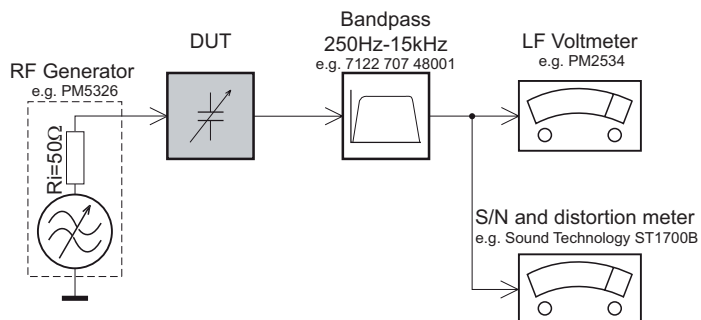
Weight

– With packing 15kg
 – Main unit 5.15kg
 – Speaker box 3.15kg

Specifications subject to change without
 prior notice

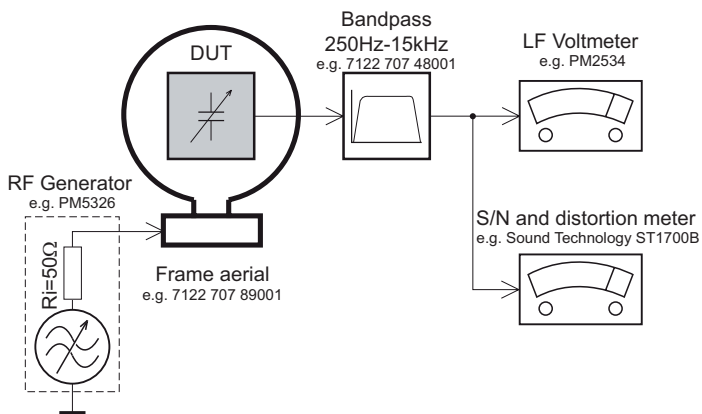
MEASUREMENT SETUP

Tuner FM



Use a bandpass filter to eliminate hum (50Hz, 100Hz) and disturbance from the pilotone (19kHz, 38kHz).

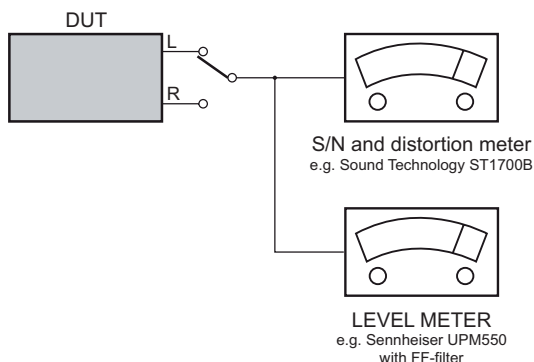
Tuner AM (MW,LW)



To avoid atmospheric interference all AM-measurements have to be carried out in a Faraday's cage.
Use a bandpass filter (or at least a high pass filter with 250Hz) to eliminate hum (50Hz, 100Hz).

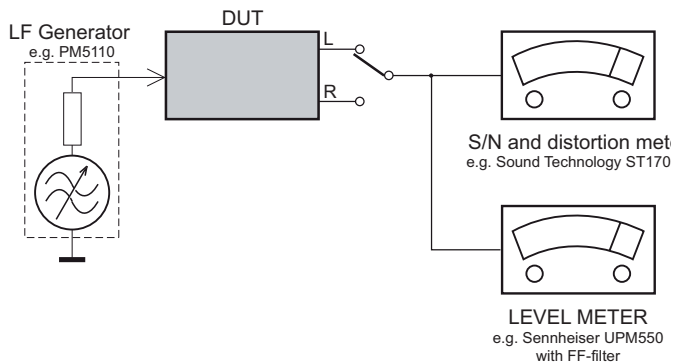
CD

Use Audio Signal Disc SBC429 4822 397 30184
(replaces test disc 3)



Recorder

Use Universal Test Cassette Cr02 SBC419 4822 397 30069
or Universal Test Cassette Fe SBC420 4822 397 30071



SERVICE AIDS

GB WARNING

All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically.

When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance.


Keep components and tools also at this potential.

ESD



GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified, be used

Safety components are marked by the symbol .

**CLASS 1
LASER PRODUCT**

INFORMATION ABOUT LEAD-FREE SOLDERING

Philips CE is producing lead-free sets from 1.1.2005 onwards.

IDENTIFICATION:

Regardless of special logo (not always indicated) one must treat all sets from 1 Jan 2005 onwards, according next rules:



- On our website www.atyourservice.ce.Philips.com you find more information to:
 - * BGA-de-/soldering (+ baking instructions)
 - * Heating-profiles of BGAs and other ICs used in Philips-sets
 - * Lead free

You will find this and more technical information within the "magazine", chapter "workshop news".

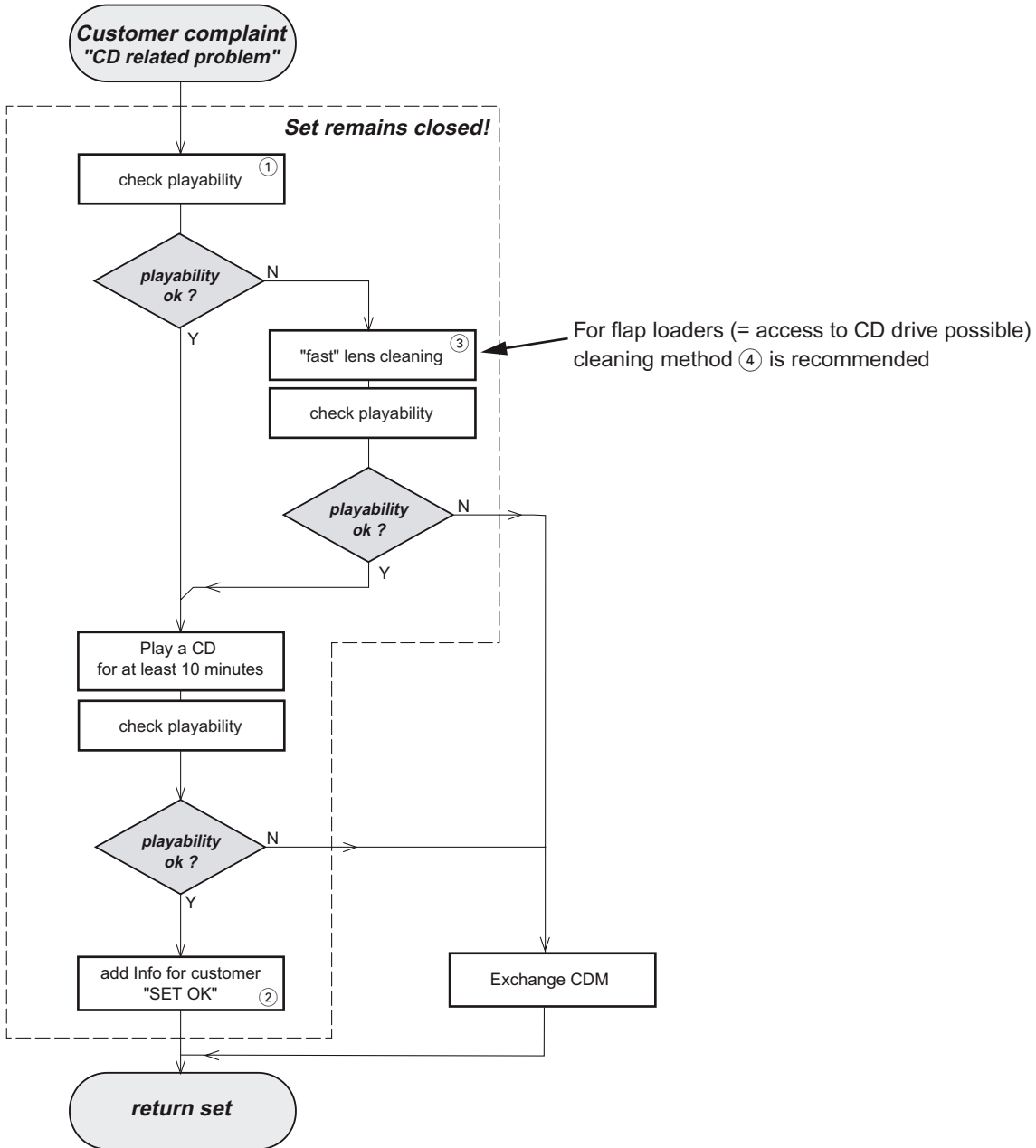
For additional questions please contact your local repair-helpdesk.

SERVICE INSTRUCTION

Safety regulations require that after a repair, the set must be returned in its original condition. Pay in particular attention to the following points:

- Route the wire trees correctly and fix them with the mounted cable clamps.
- Check the insulation of the AC Power lead for external damage.
- Check the strain relief of the AC Power cord for proper function.
- Check the electrical DC resistance between the AC Power Plug and the secondary side (only for sets which have a AC Power isolated power supply):
 1. Unplug the AC Power cord and connect a wire between the two pins of the AC Power plug.
 2. Set the AC Power switch to the "on" position (keep the AC Power cord unplugged!).
 3. Measure the resistance value between the pins of the AC Power plug and the metal shielding of the tuner or the aerial connection on the set. The reading should be larger than 4.5 Mohm (For U.S. it should be between 4.2 Mohm and 12 Mohm).
 4. Switch "off" the set, and remove the wire between the two pins of the AC Power plug.
- Check the cabinet for defects, to avoid touching of any inner parts by the customer.

INSTRUCTIONS ON CD PLAYABILITY



① - ④ For description - see following pages

INSTRUCTIONS ON CD PLAYABILITY

①

PLAYABILITY CHECK

For sets which are compatible with **CD-RW** discs
 use CD-RW Printed Audio Disc.....7104 099 96611
 TR 3 (Fingerprint)
 TR 8 (600µ Black dot) **maximum at 01:00**

- playback of these two tracks without audible disturbance
 playing time for: Fingerprint ≥ 10 seconds
 Black dot from 00:50 to 01:10
- jump forward/backward (search) within a reasonable time

For all other sets
 use CD-DA SBC 444A.....4822 397 30245
 TR 14 (600µ Black dot) **maximum at 01:15**
 TR 19 (Fingerprint)
 TR 10 (1000µ wedge)

- playback of all these tracks without audible disturbance
 playing time for: 1000µ wedge ≥ 10 seconds
 Fingerprint ≥ 10 seconds
 Black dot from 01:05 to 01:25
- jump forward/backward (search) within a reasonable time

②

CUSTOMER INFORMATION

It is proposed to add an addendum sheet to the set which informs the customer that the set has been checked carefully - but no fault was found.

The problem was obviously caused by a scratched, dirty or copy-protected CD. In case problems remain, the customer is requested to contact the workshop directly.

The lens cleaning (method ③) should be mentioned in the addendum sheet.

The final wording in national language as well as the printing is under responsibility of the Regional Service Organizations.

④

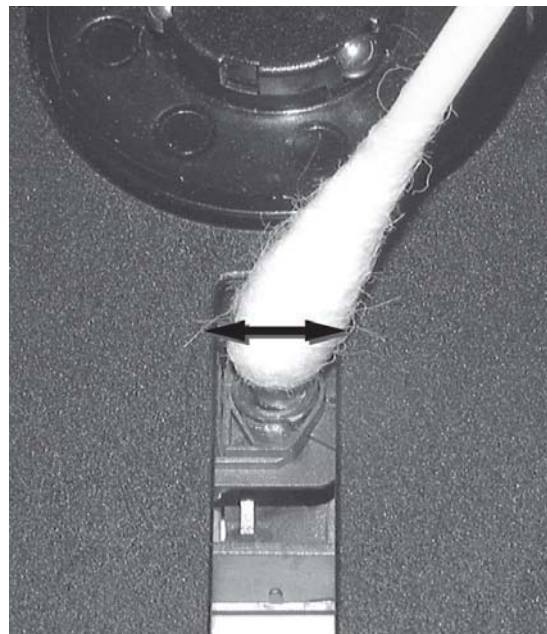
LIQUID LENS CLEANING

Before touching the lens it is advised to clean the surface of the lens by blowing clean air over it. This to avoid that little particles make scratches on the lens.

Because the material of the lens is synthetic and coated with a special anti-reflectivity layer, cleaning must be done with a non-aggressive cleaning fluid. It is advised to use "Cleaning Solvent

The actuator is a very precise mechanical component and may not be damaged in order to guarantee its full function. Clean the lens gently (don't press too hard) with a soft and clean cotton bud moistened with the special lens cleaner.

The direction of cleaning must be in the way as indicated in the picture below.

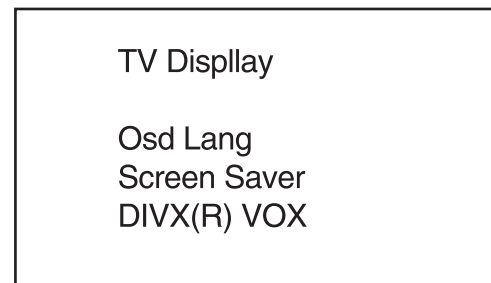


SOFTWARE VERSION CHECK & UPGRADE

A.MPEG SOFTWARE VERSION CHECK

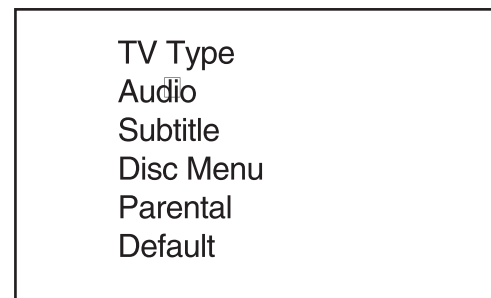
1.Press SYSTEM key to open setup page,

TV Screen shows:



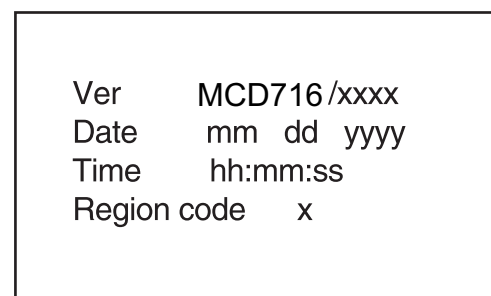
2.Press REMOVAL key to the original setup page,

TV Screen shows:



3.Enter the password "811502"

TV Screen shows:

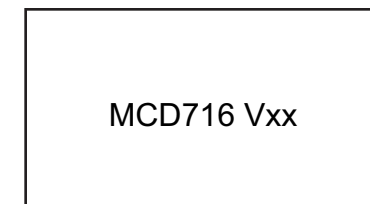


4.Press ▲ or ▼ button (on the remote control) to change region.
Press OK to confirm.

B.CPU VERSION CHECK

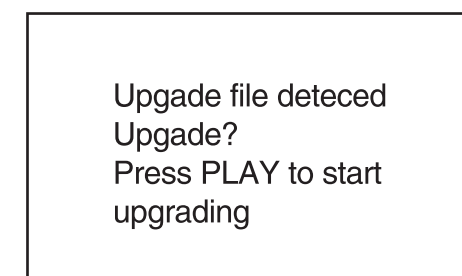
Keep PLAY/PAUSE and STOP buttons (on the set) depressed while pressing POWER on.

TV screen shows

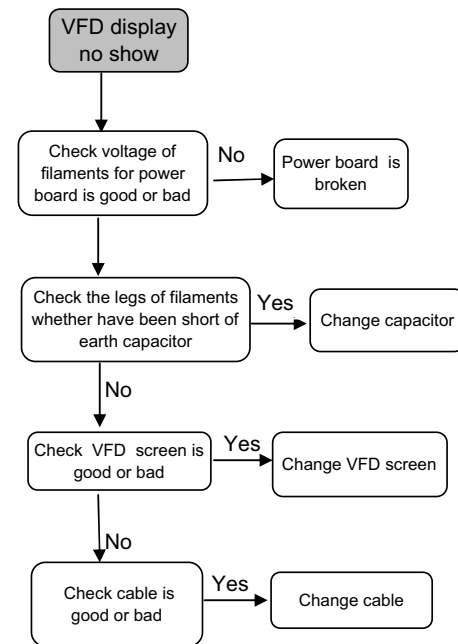
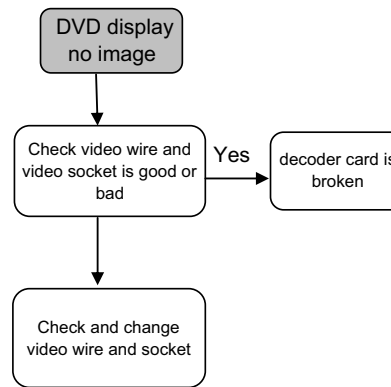
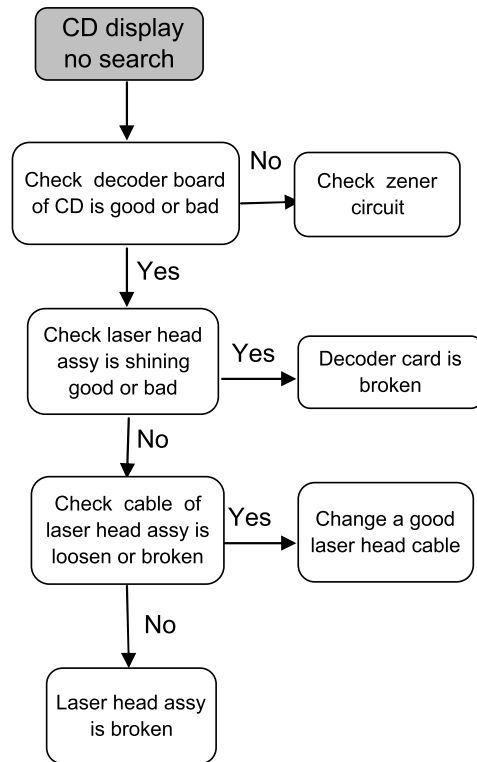
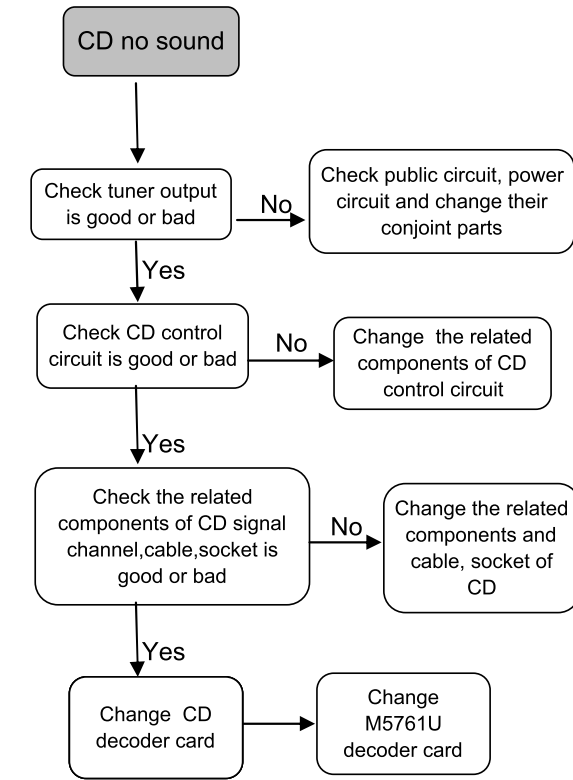
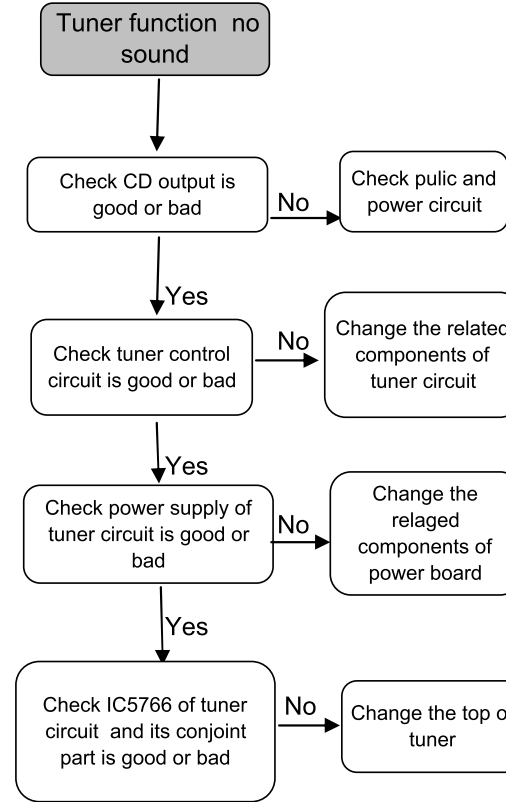
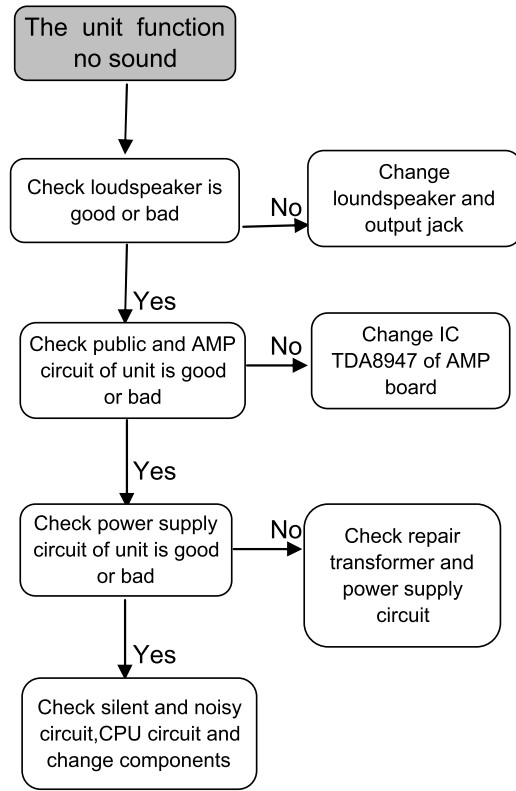


C. MPEG SOFTWARE UPGRADING

1. download the firmware from Philips support website
<http://www.philips.com/support>
2. Prepare a uploading CD
3. Put the CD in the CD tray
4. TV Screen shows

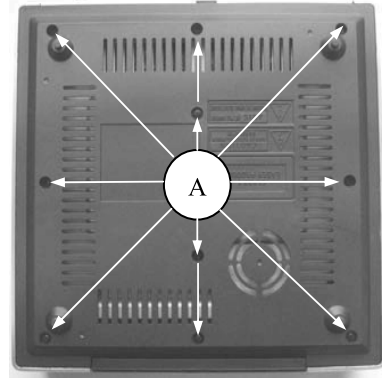


MALFUCTION CHECK CHART

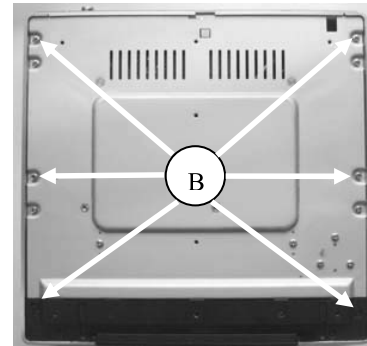


DISASSEMBLY DIAGRAM-DVD PART

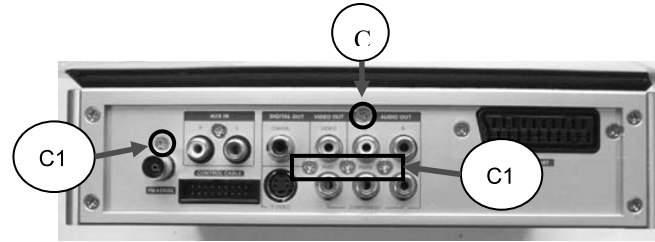
A.Loosen screws 2.6×5PWWTT(7PCS),
2.5×7PWWTT(3PCS) to remove bottom cover



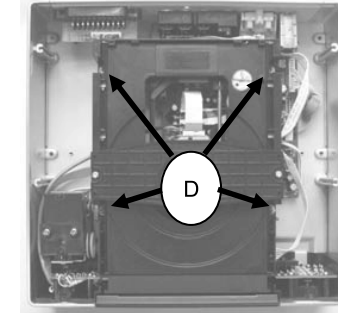
B.loosen screws 3×10PTH (4PCS) , 3×8FT (2PCS)



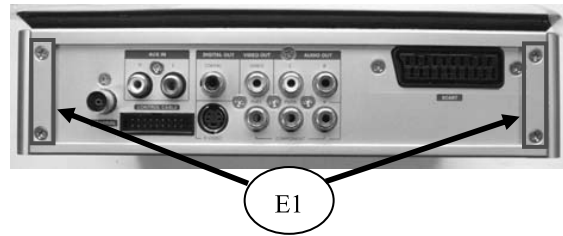
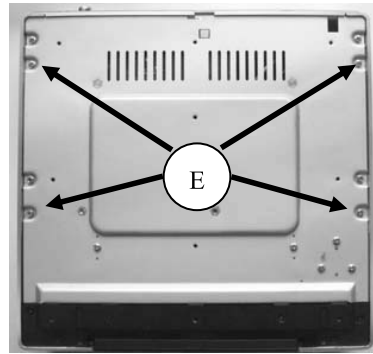
C. Loosen screw 3×8FT(1PS)
C1.Loosen screws 3×10FA(3PCS), 3×6FMTT(1PCS)



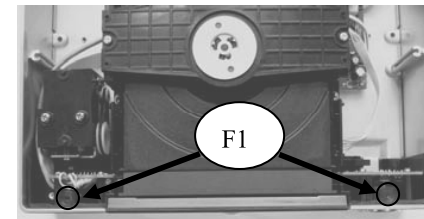
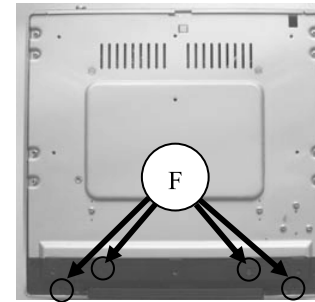
D .Loosen screws 3×8BM(2PCS), 3×10PWA(2PCS)
to remove mechanism core



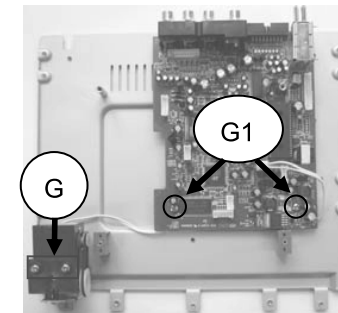
E. Loosen screws 3×6PT(4PCS) to remove side plate
E1. Loosen screws 3×5FMTT(4PCS) to remove rear plate



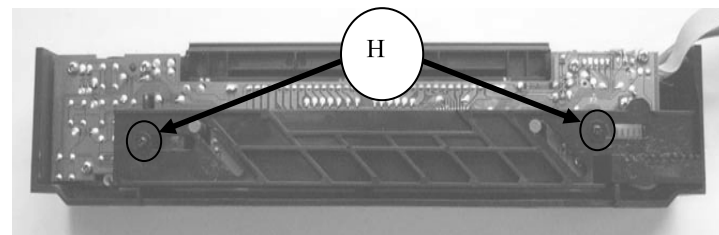
F. Loosen screws 3×6FMTT(2PCS)
F1.Loosen screws 3×6FMTT(4PCS) to remove side plate



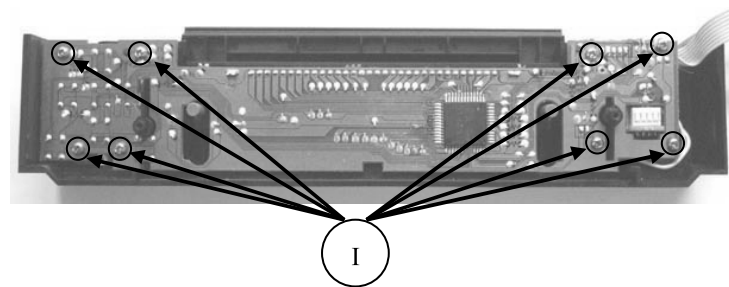
G.Loosen screws 3×10BT(2PCD) to remove motor
G1.Loosen screws3×6BM(2PCS) to remove decoder card



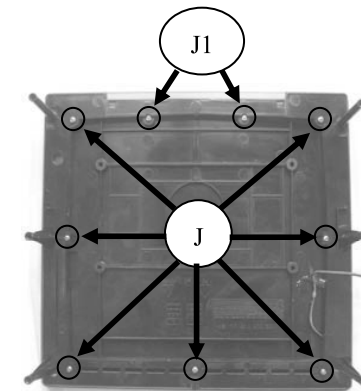
H.Loosen screws 2×6PWT(2PCS) to remove slide plank



I.Loosen screws 2.6×8PT(8PCS) to remove display board

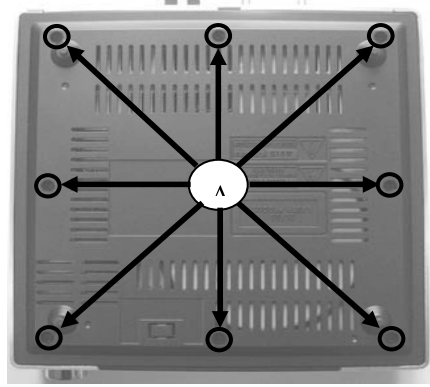


J.Loosen screws 2.6×8PT(7PCS)
J1.Loosen screws 2.6×6PT(2PCS) to remove top cover

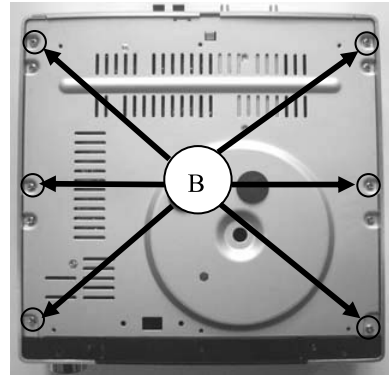


DISASSEMBLY DIAGRAM-AMP PART

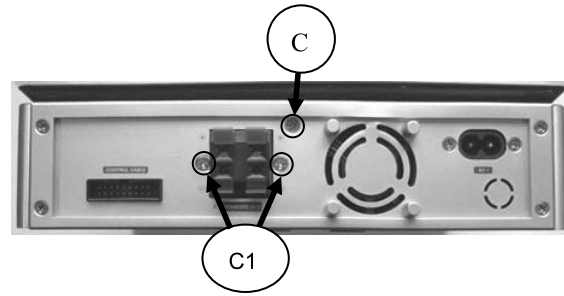
A. Loosen screws 2.6×5PWMTT(8PCS) to remove bottom cover



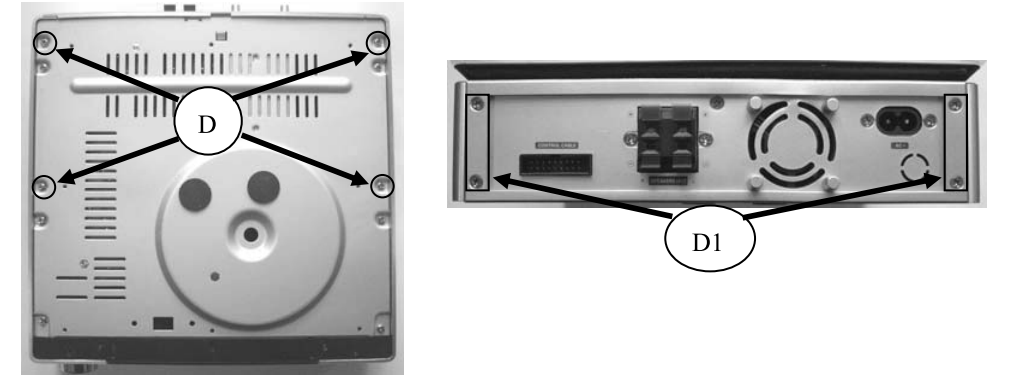
B. Loosen screws 3×10PTH(6PCS)



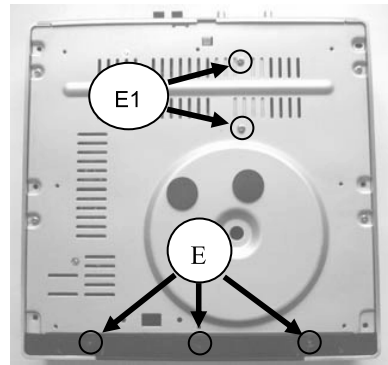
C. Loosen screw 3×8FT(1PCS)
C1. Loosen 3×10FT(2PCS) to remove the terminals



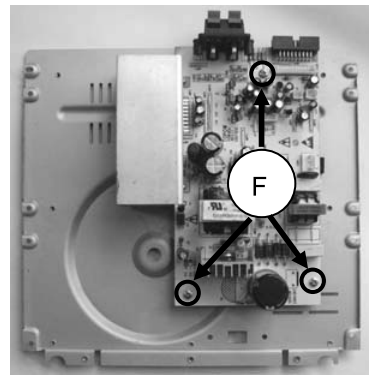
D. Loosen screws 3×6PT(4PCS)
D1. Loosen screws 3×5FMTT(4PCS) to remove side plate



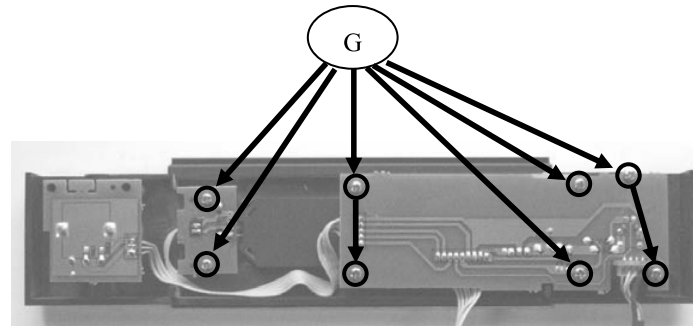
E. Loosen screws 3×6FMTT(3PCS)
E1. Loosen screws which fasten radiator 3×6BTH(2PCS)



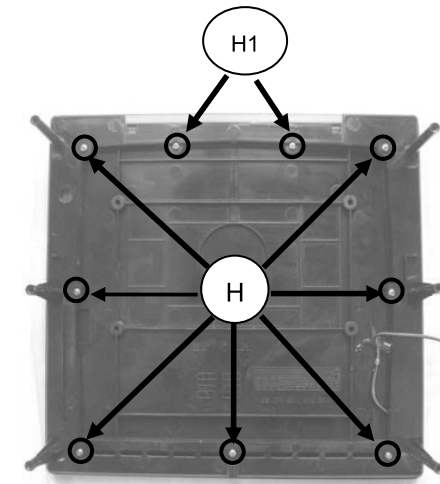
F. Loosen screws 3×6PM(3PCS)



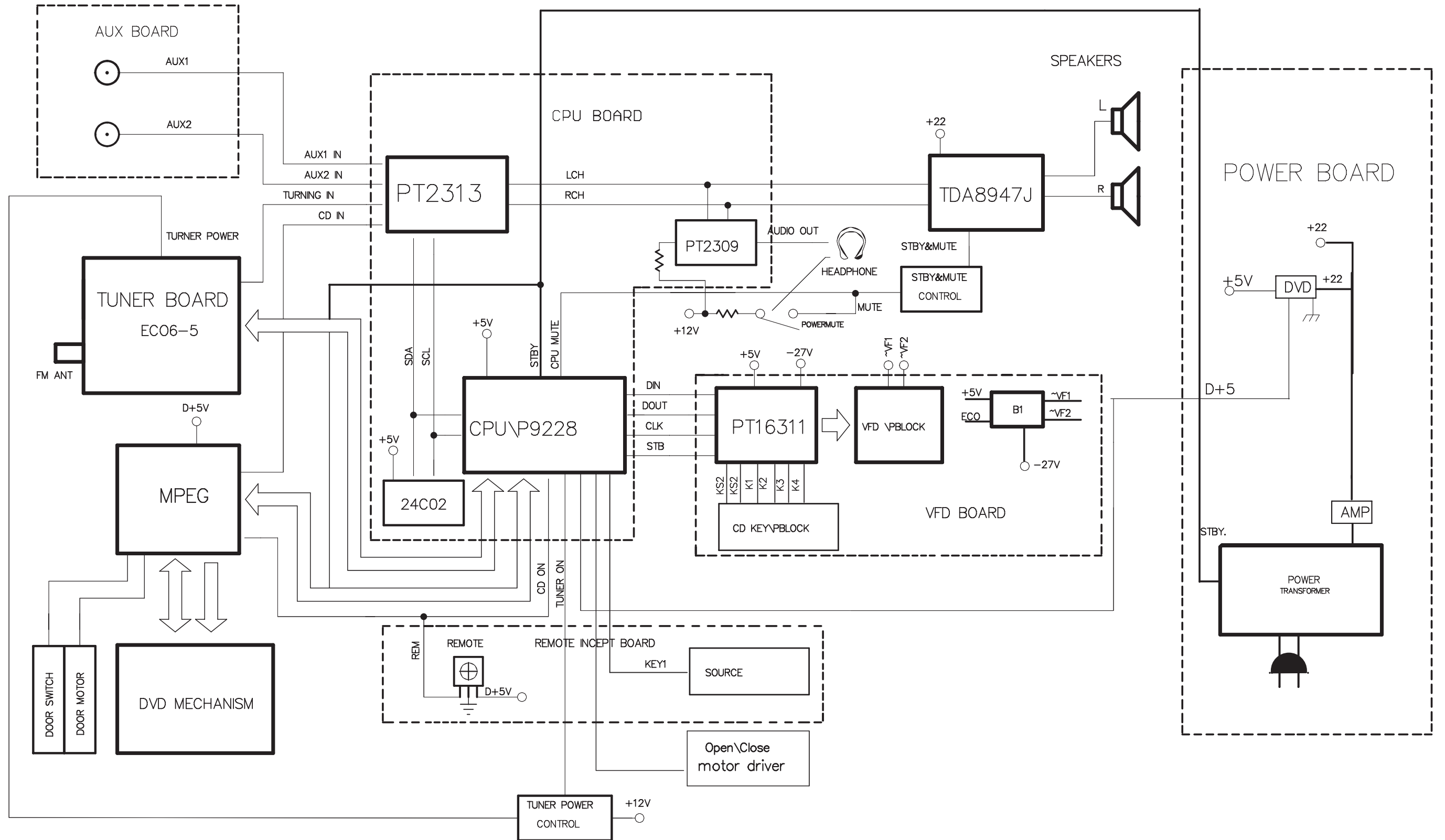
G. Loosen screws 2.6×8PT(6PCS),
2.6×5PT(2PCS) to remove display board



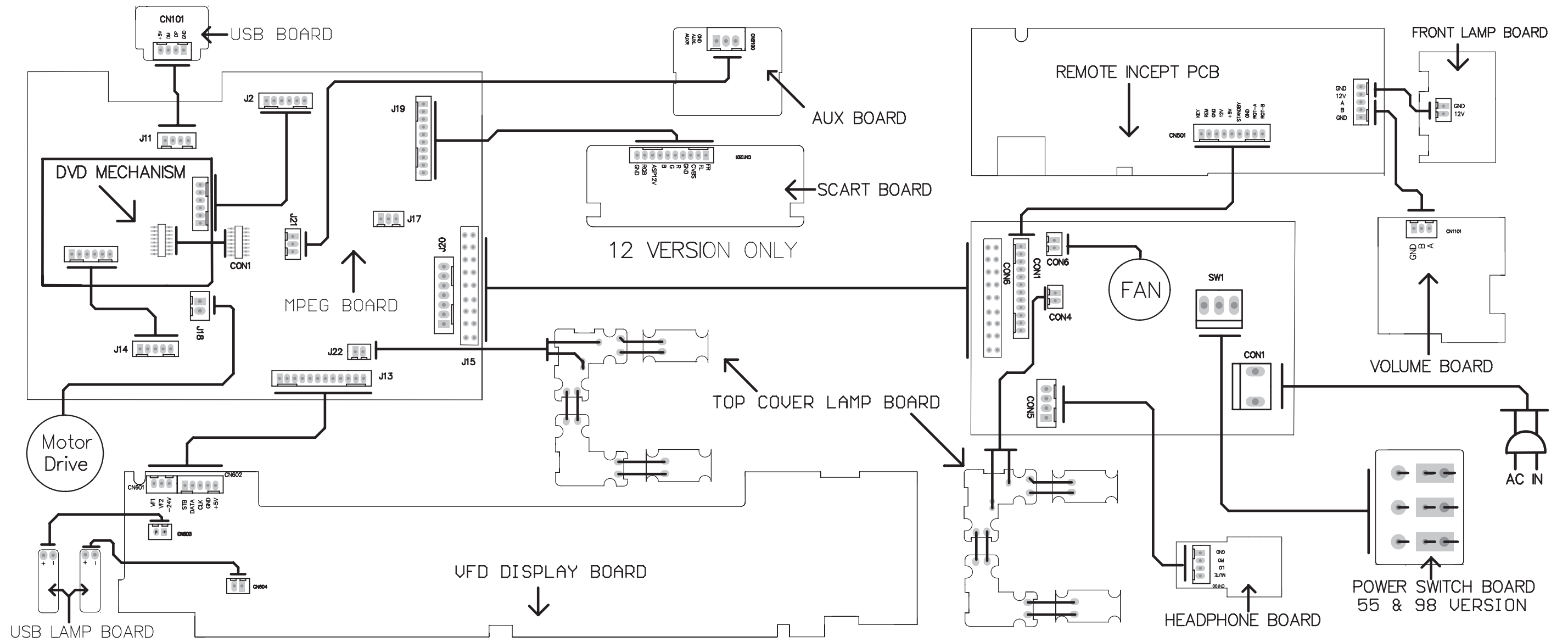
H. Loosen screws 2.6×8PT(7PCS),
2.6×6PT(2PCS) to remove top cover



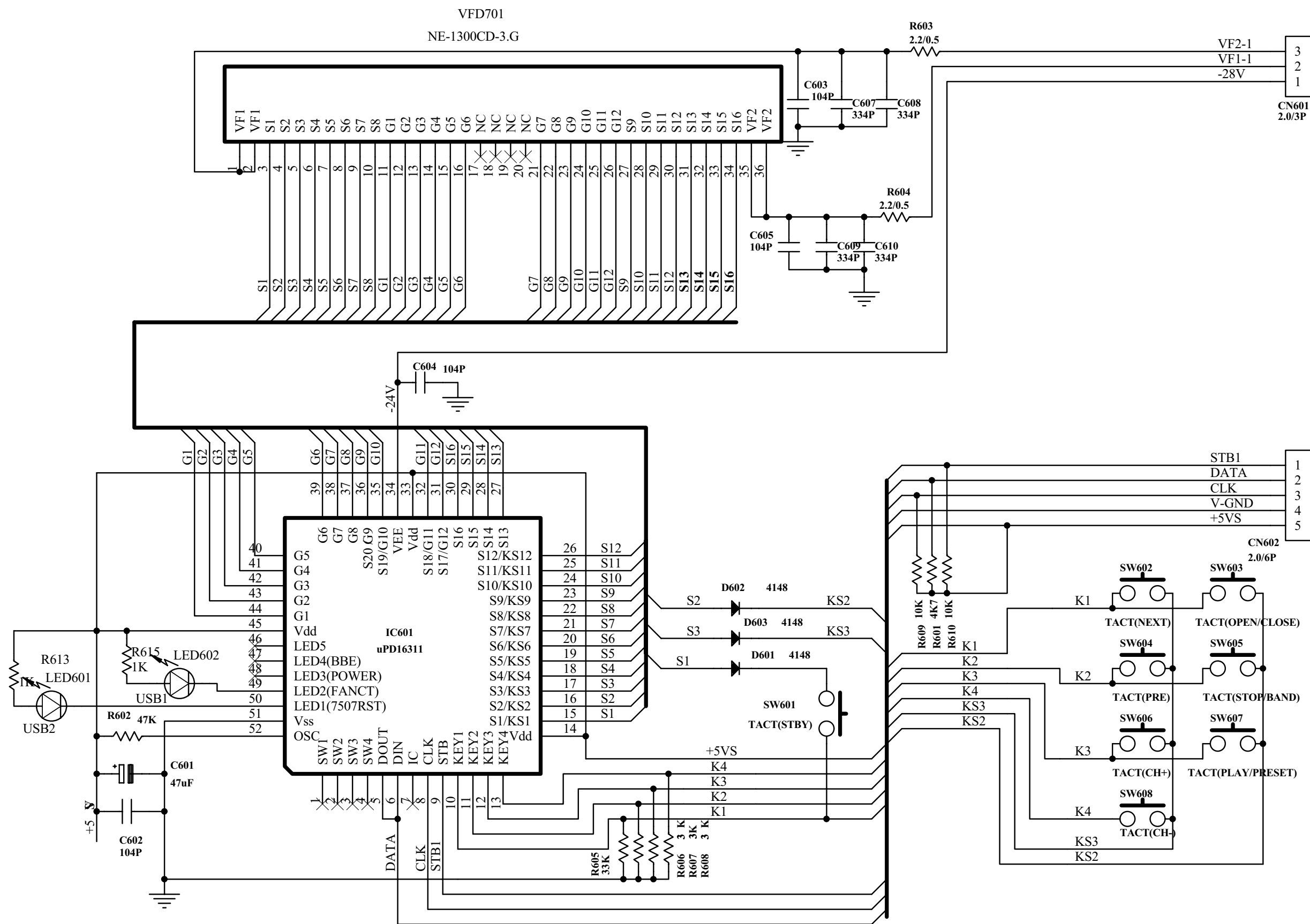
BLOCK DIAGRAM



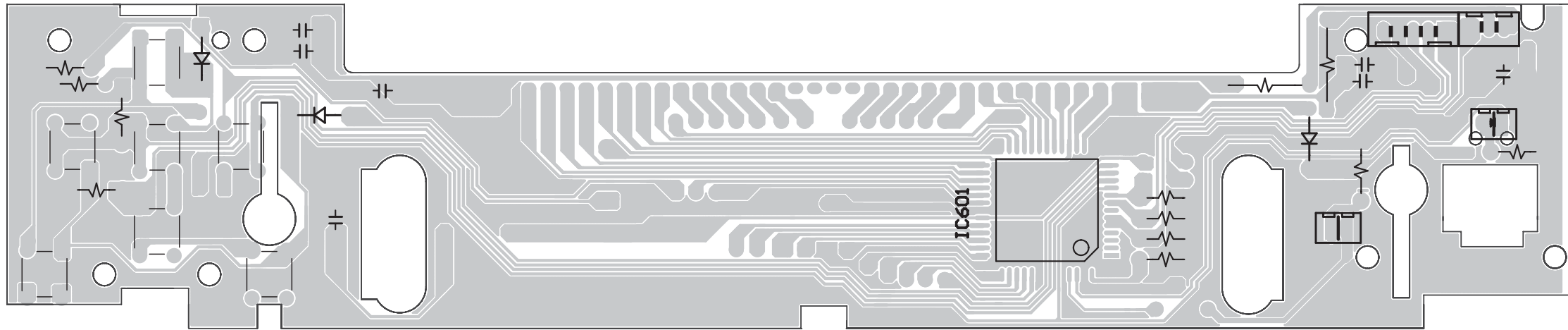
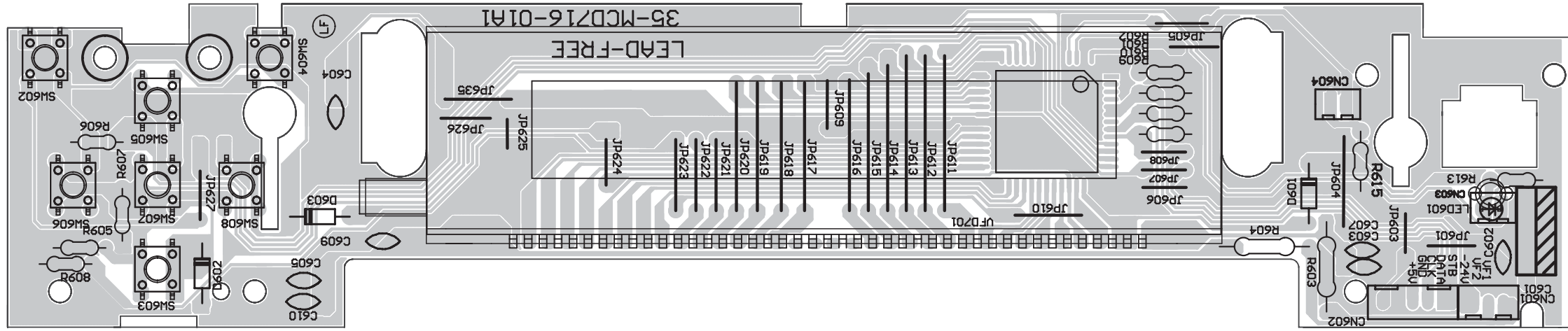
WIRING DIAGRAM



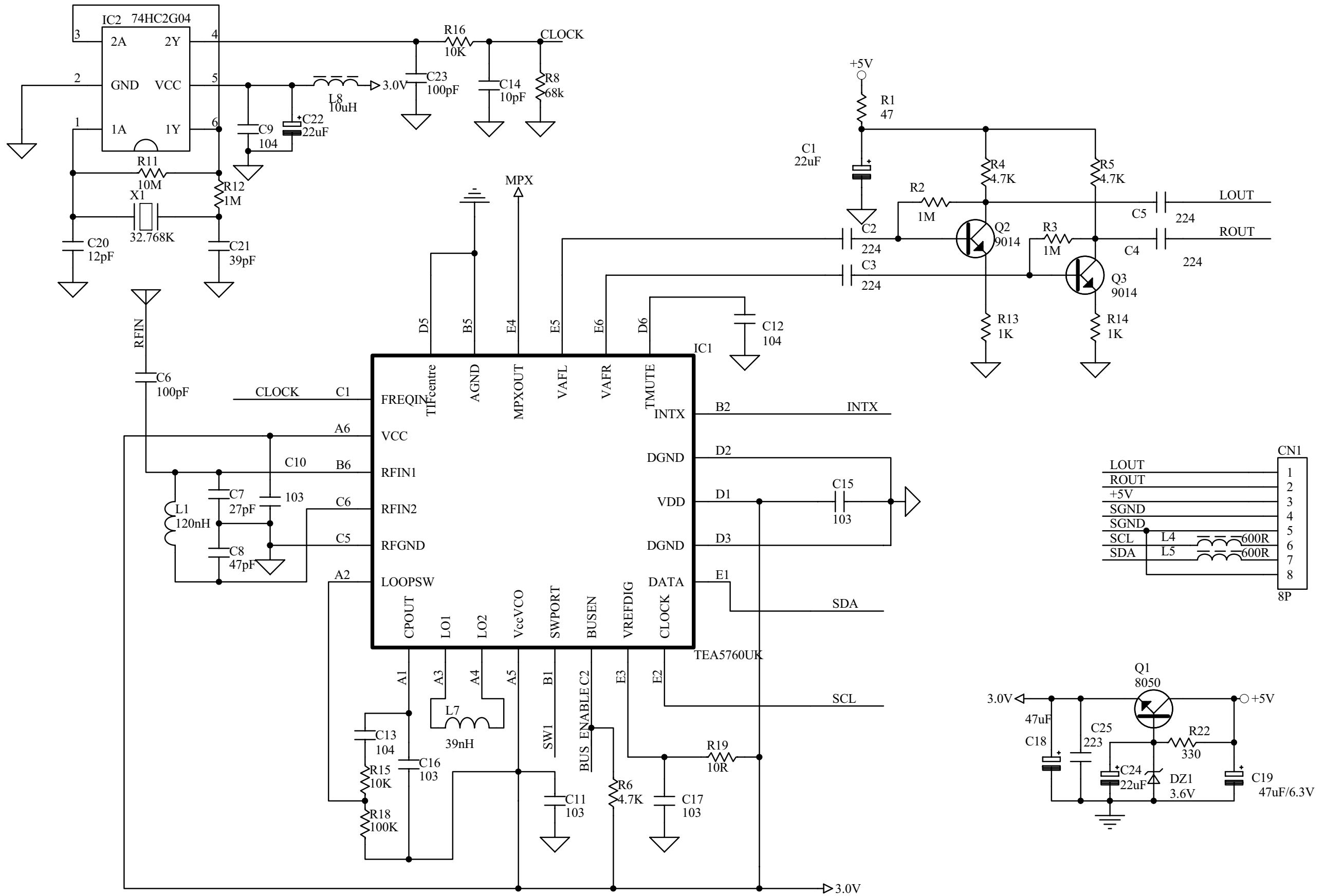
VFD BOARD - CIRCUIT DIAGRAM



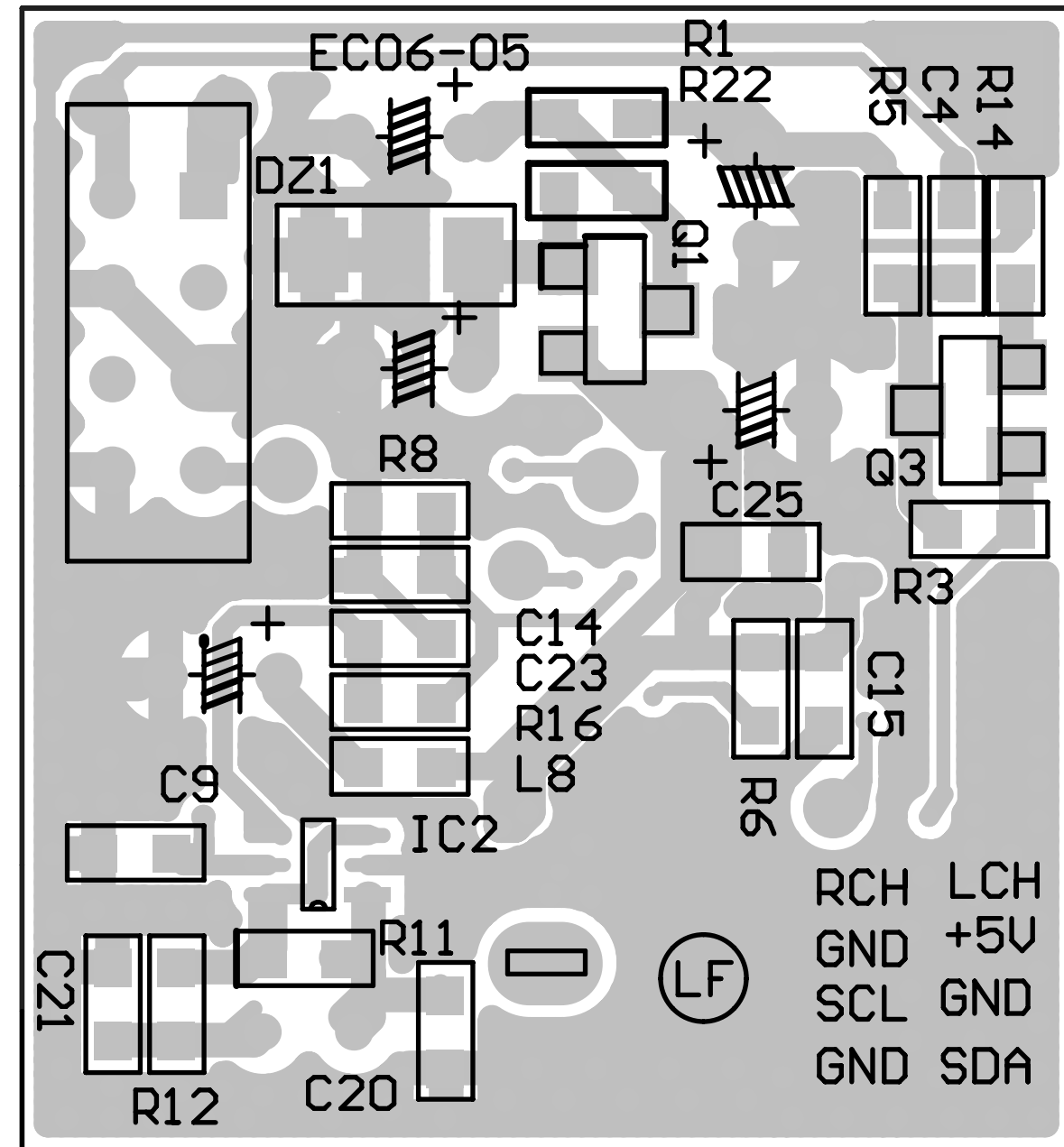
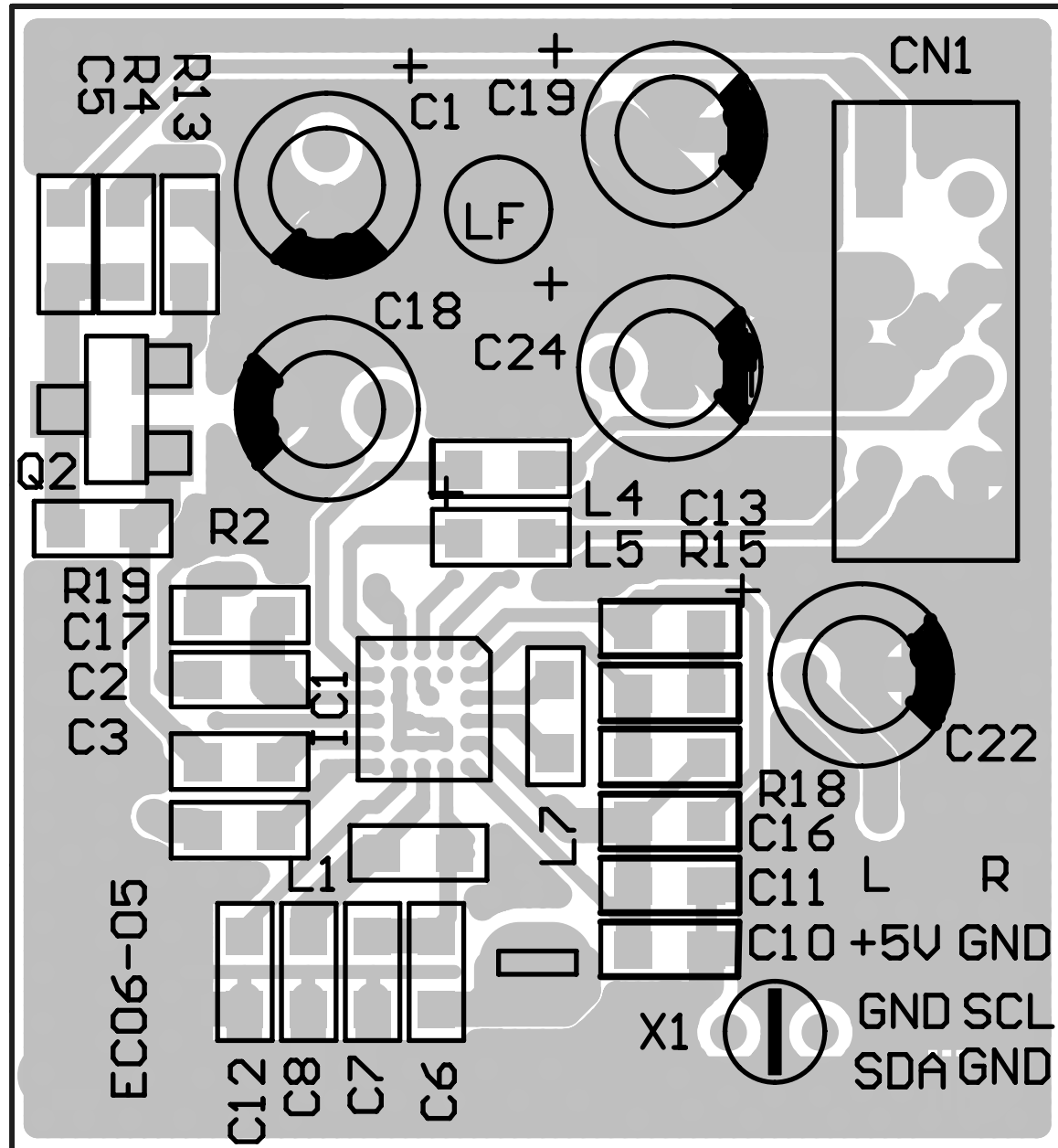
VFD BOARD - LAYOUT DIAGRAM



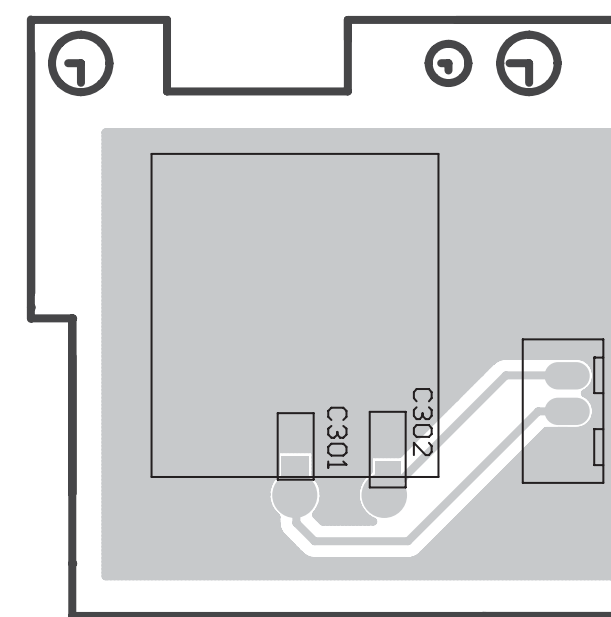
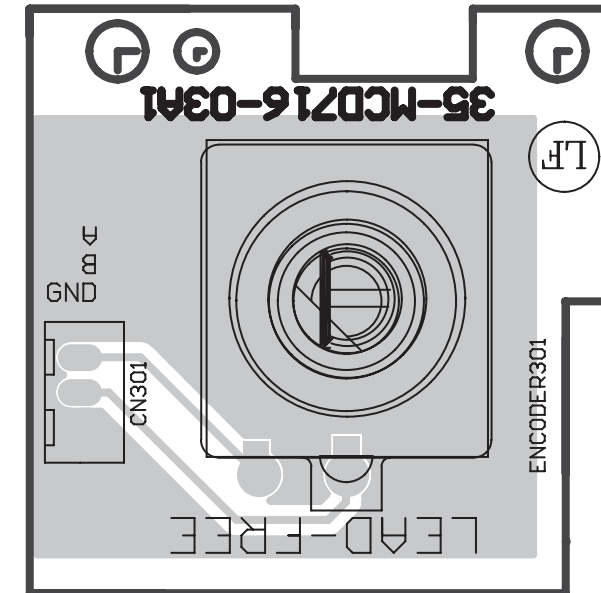
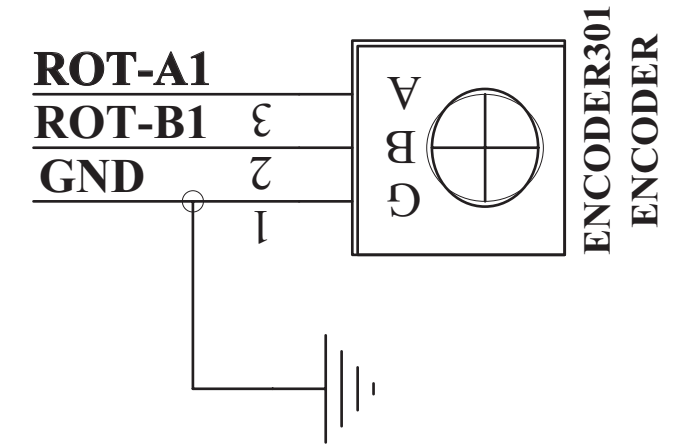
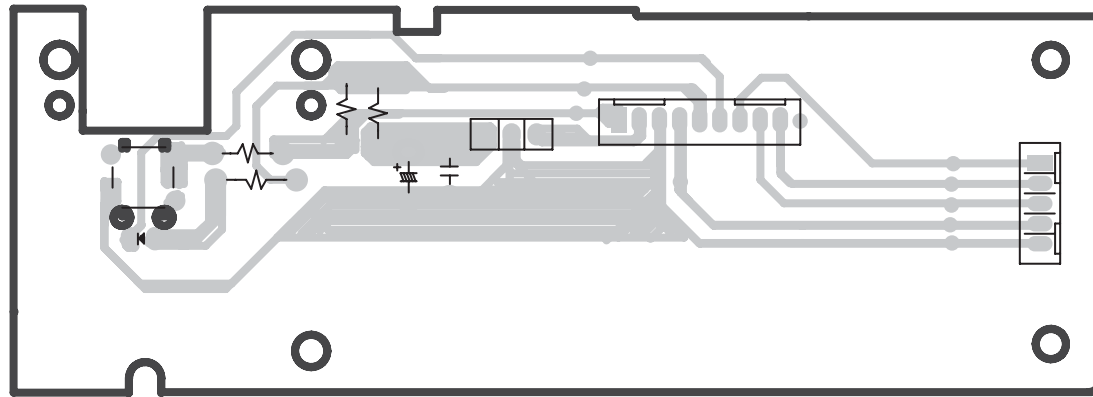
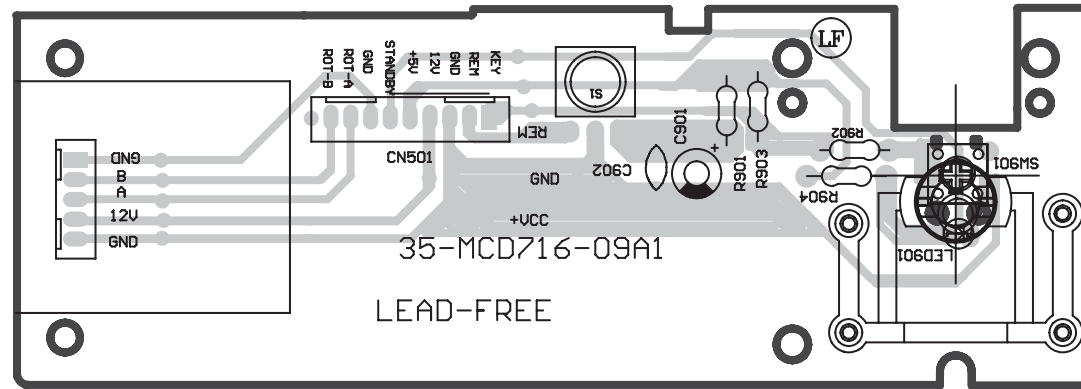
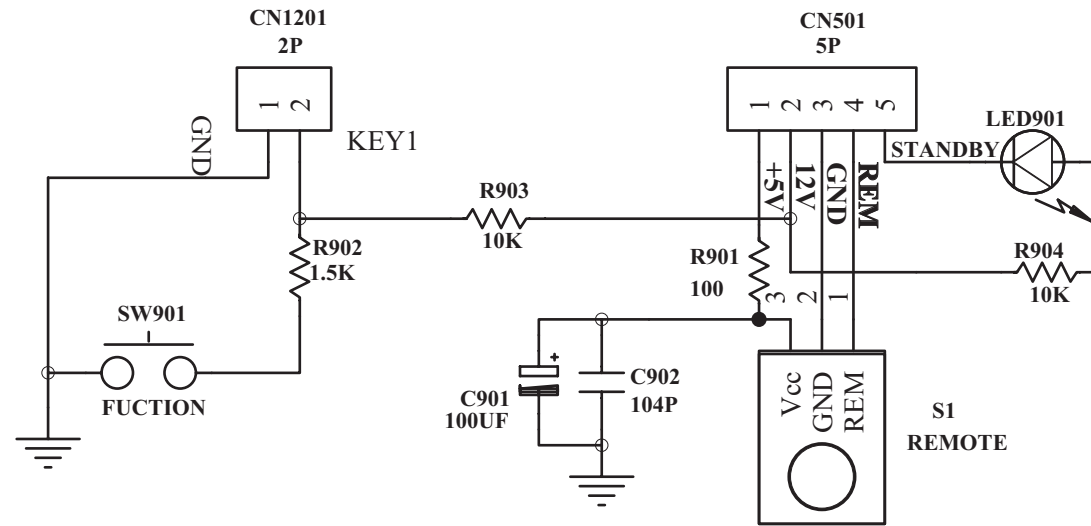
TUNER BOARD - CIRCUIT DIAGRAM



TUNER BOARD - LAYOUT DIAGRAM

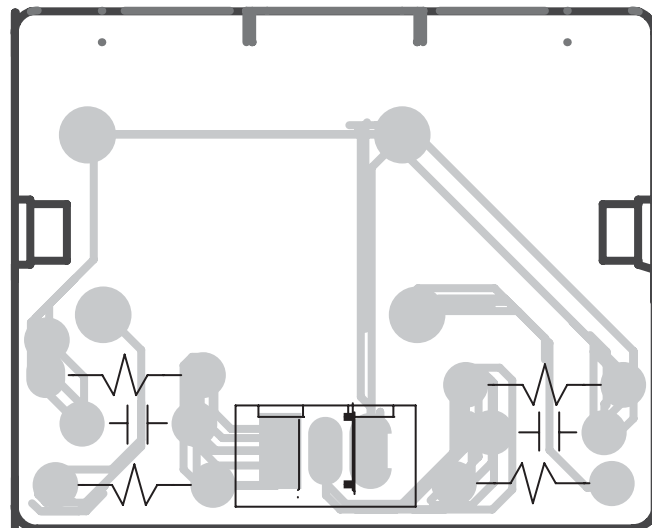
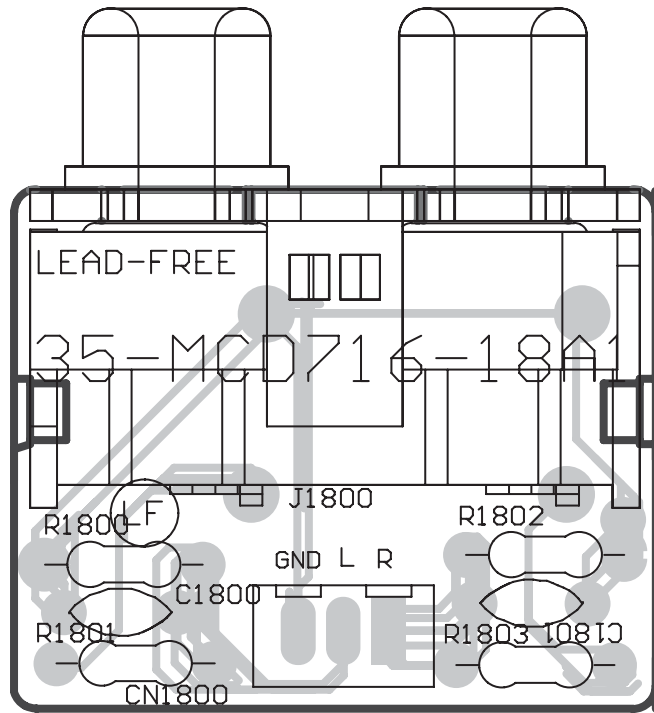
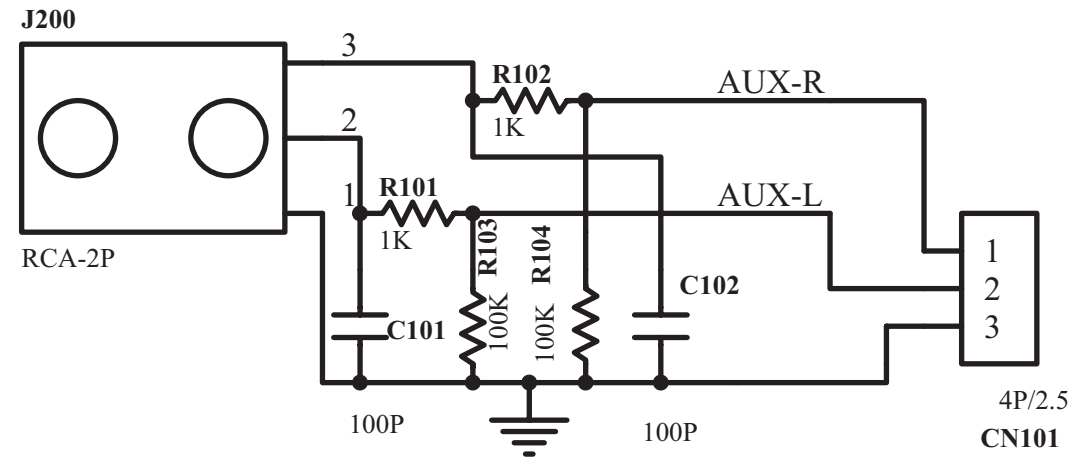


REMOTE RECEIVE AND VOLUMN BOARD

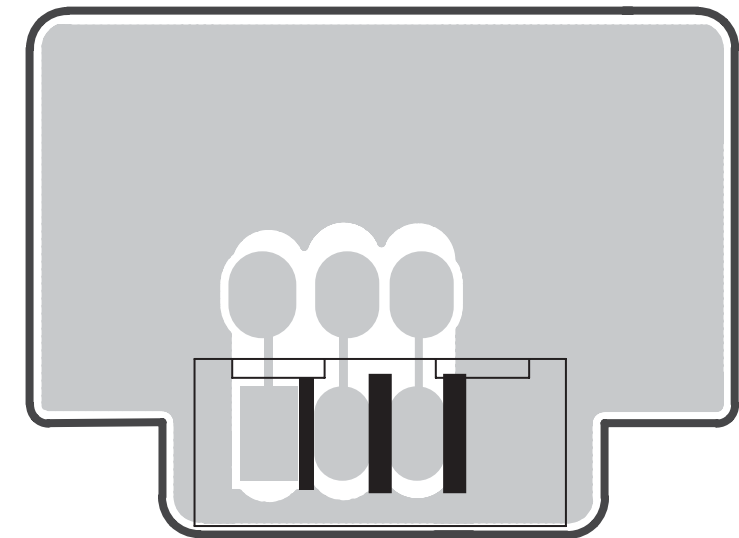
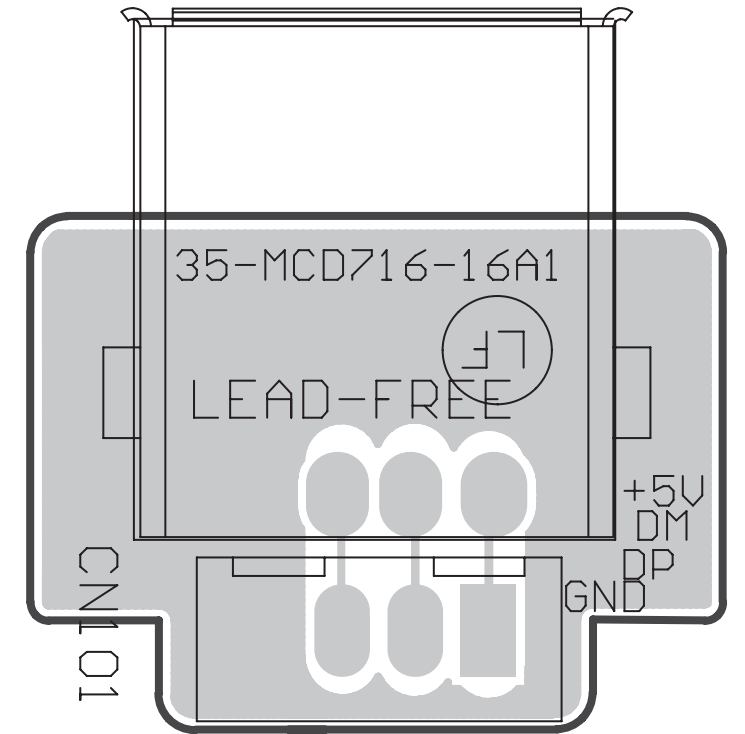
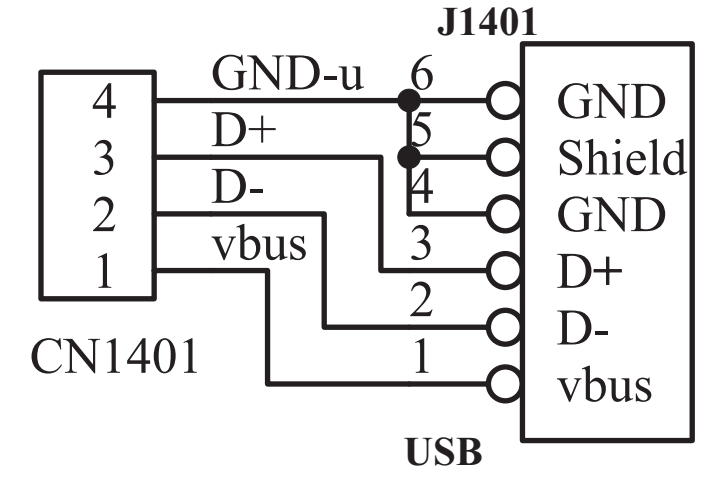


AUX AND USB BOARD

AUX BOARD

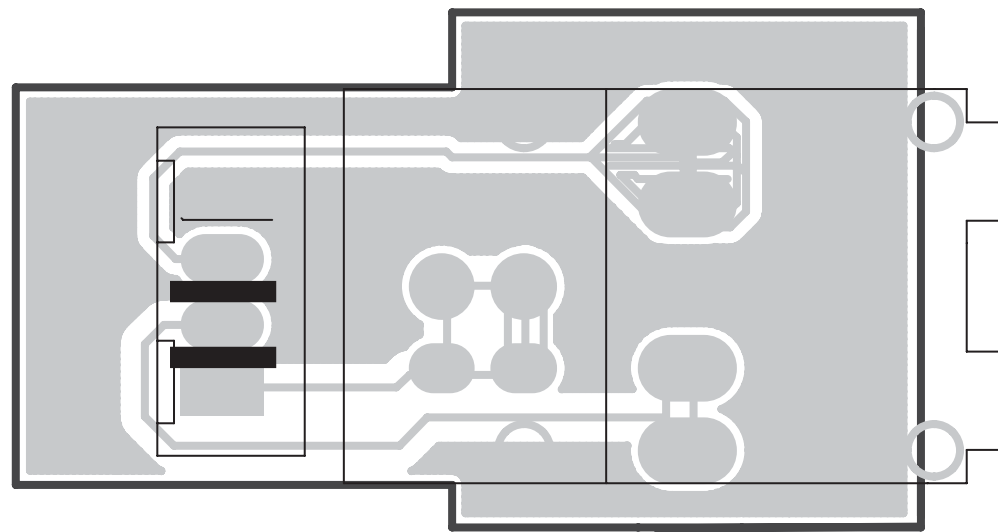
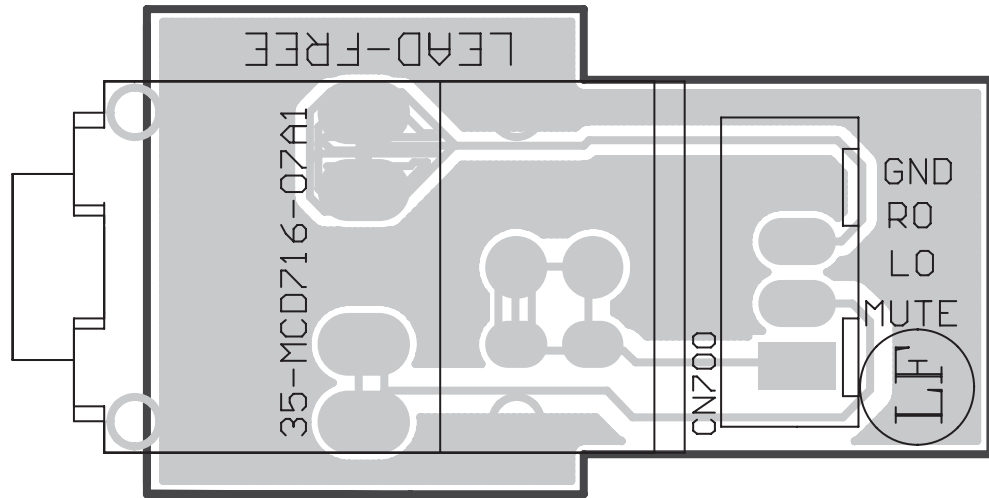
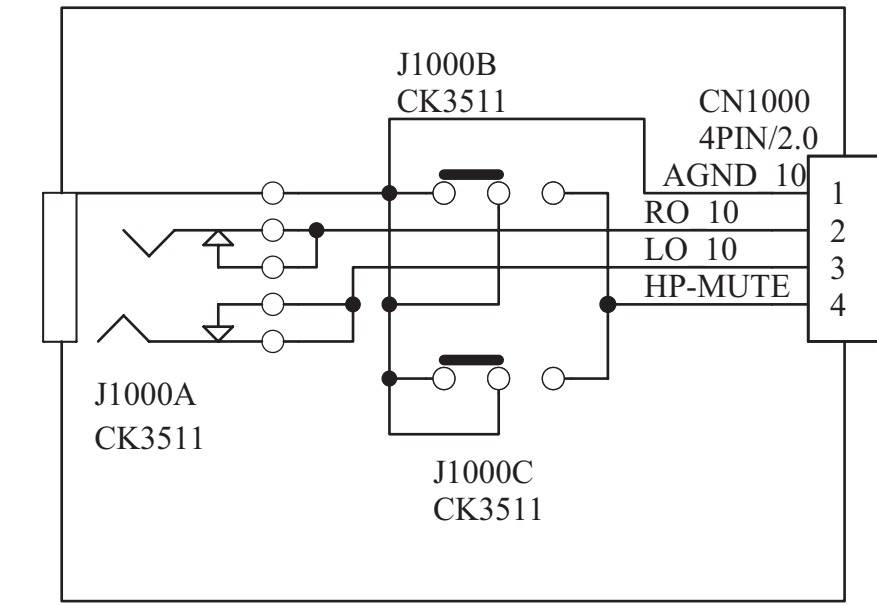


USB BOARD

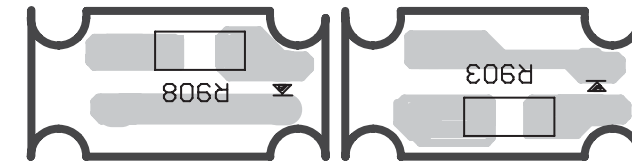
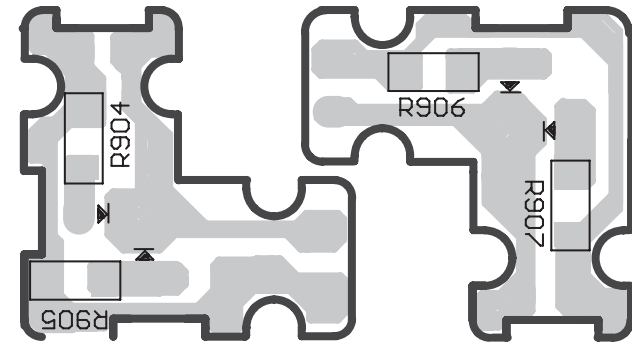
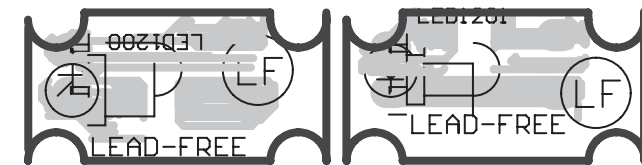
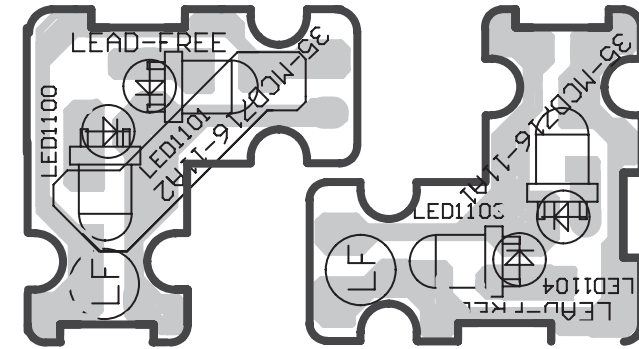
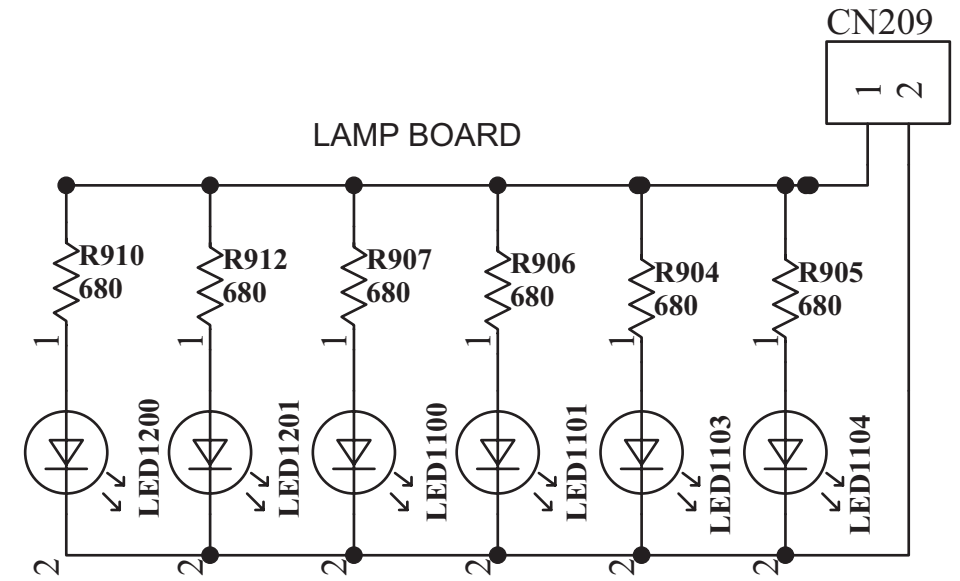


HEADPHONE AND LAMP BOARD

HEADPHONE BOARD

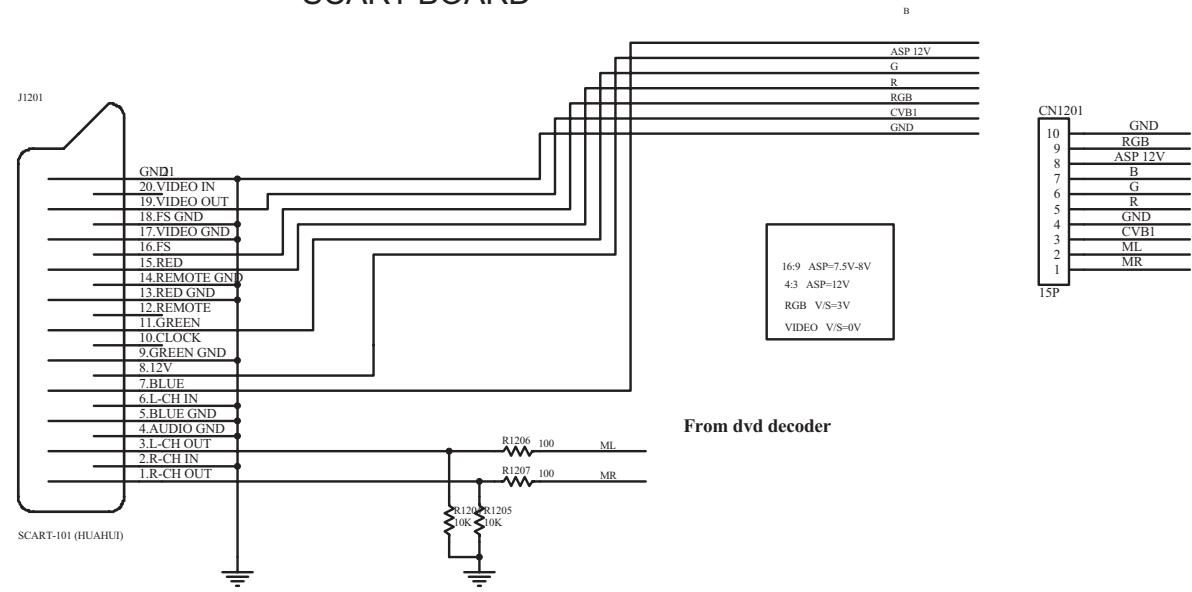


LAMP BOARD

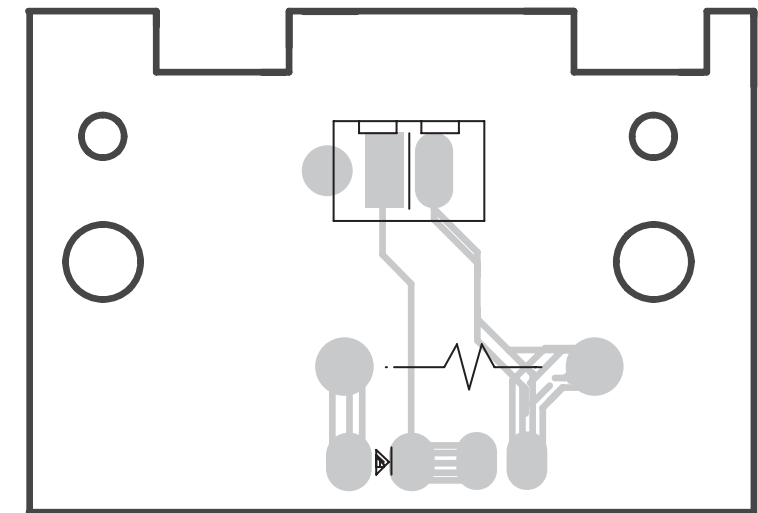
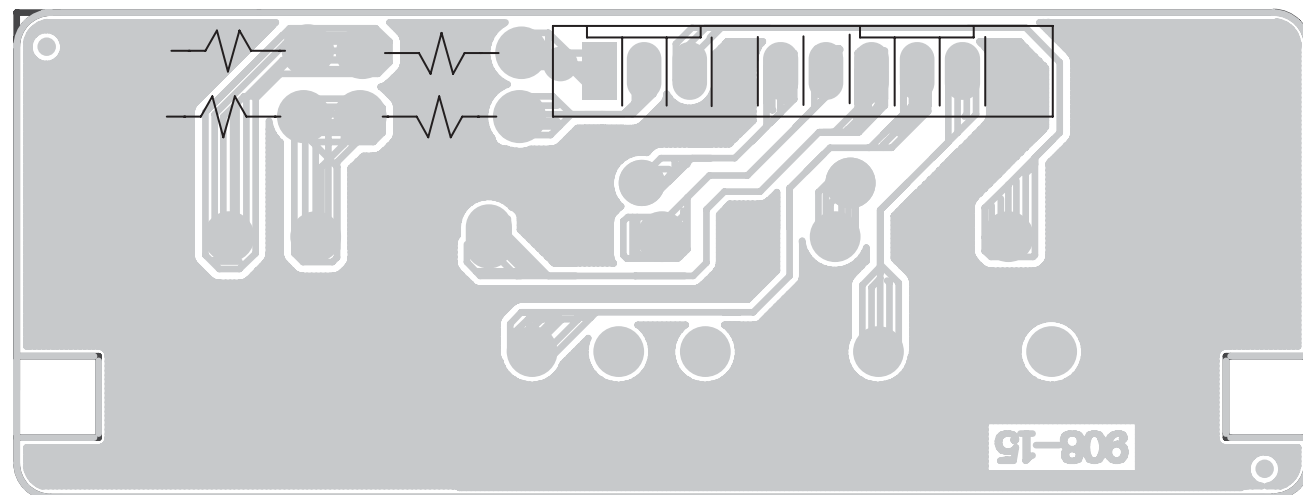
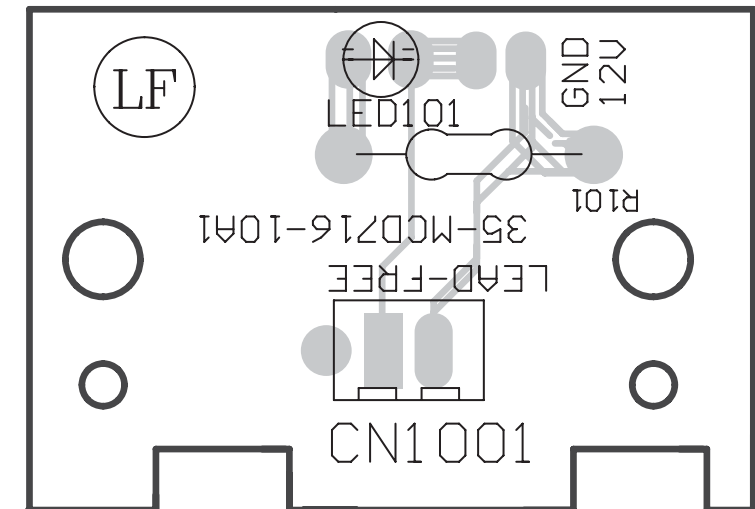
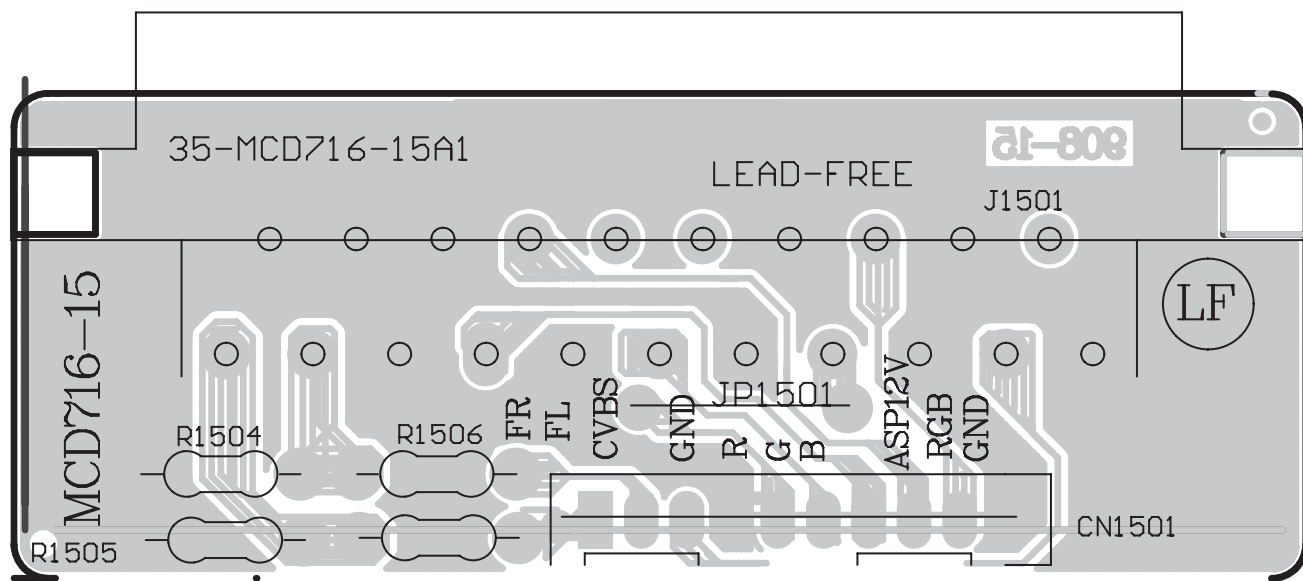
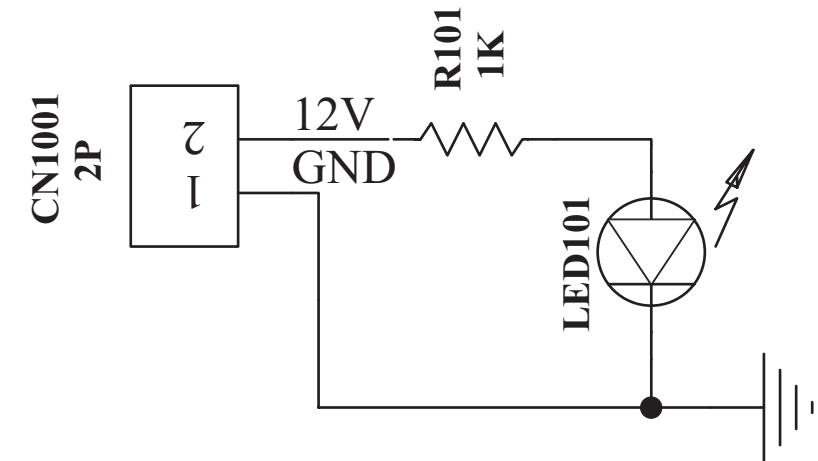


SCART AND AMP FRONT LAMP BOARD

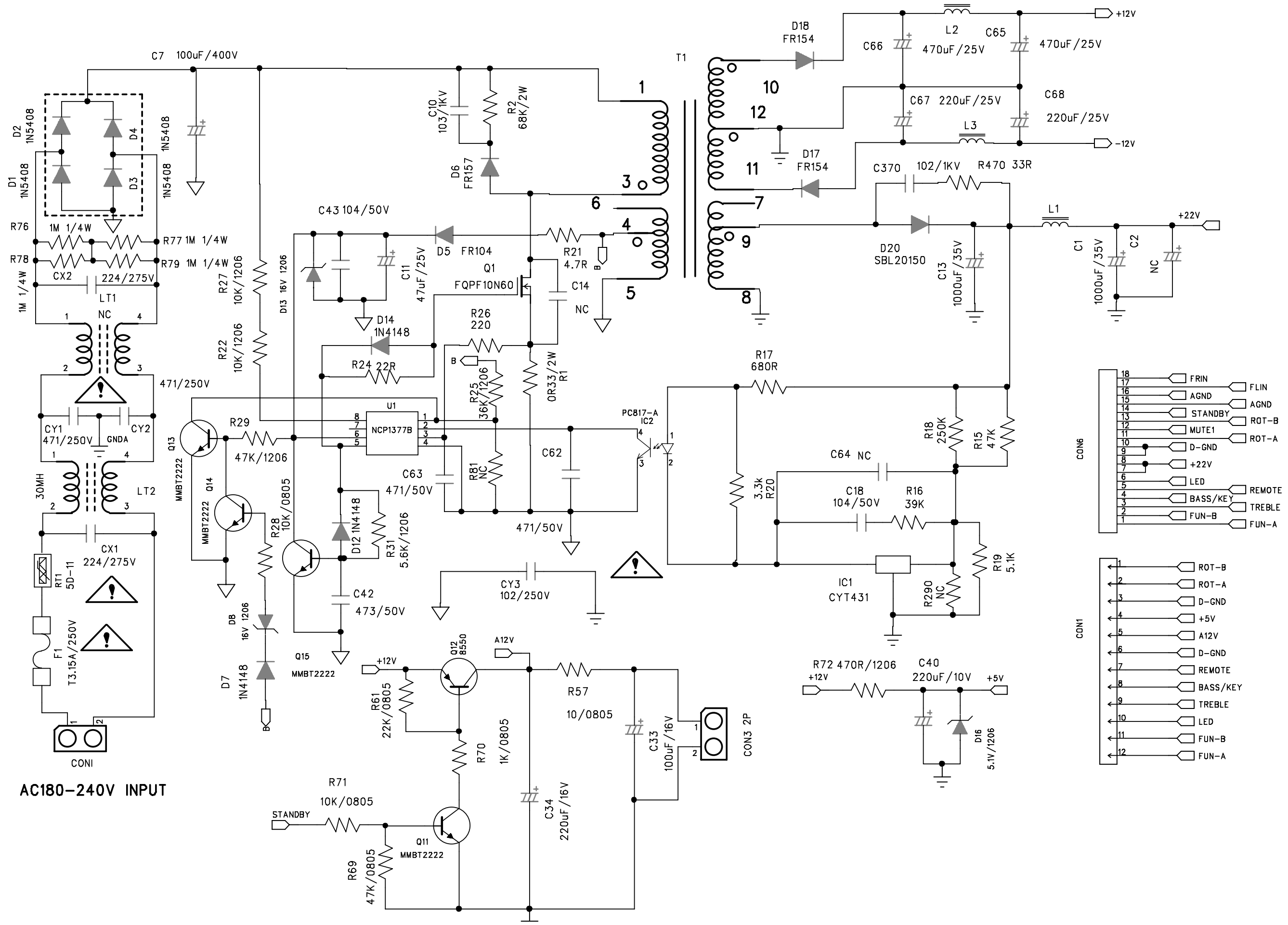
SCART BOARD



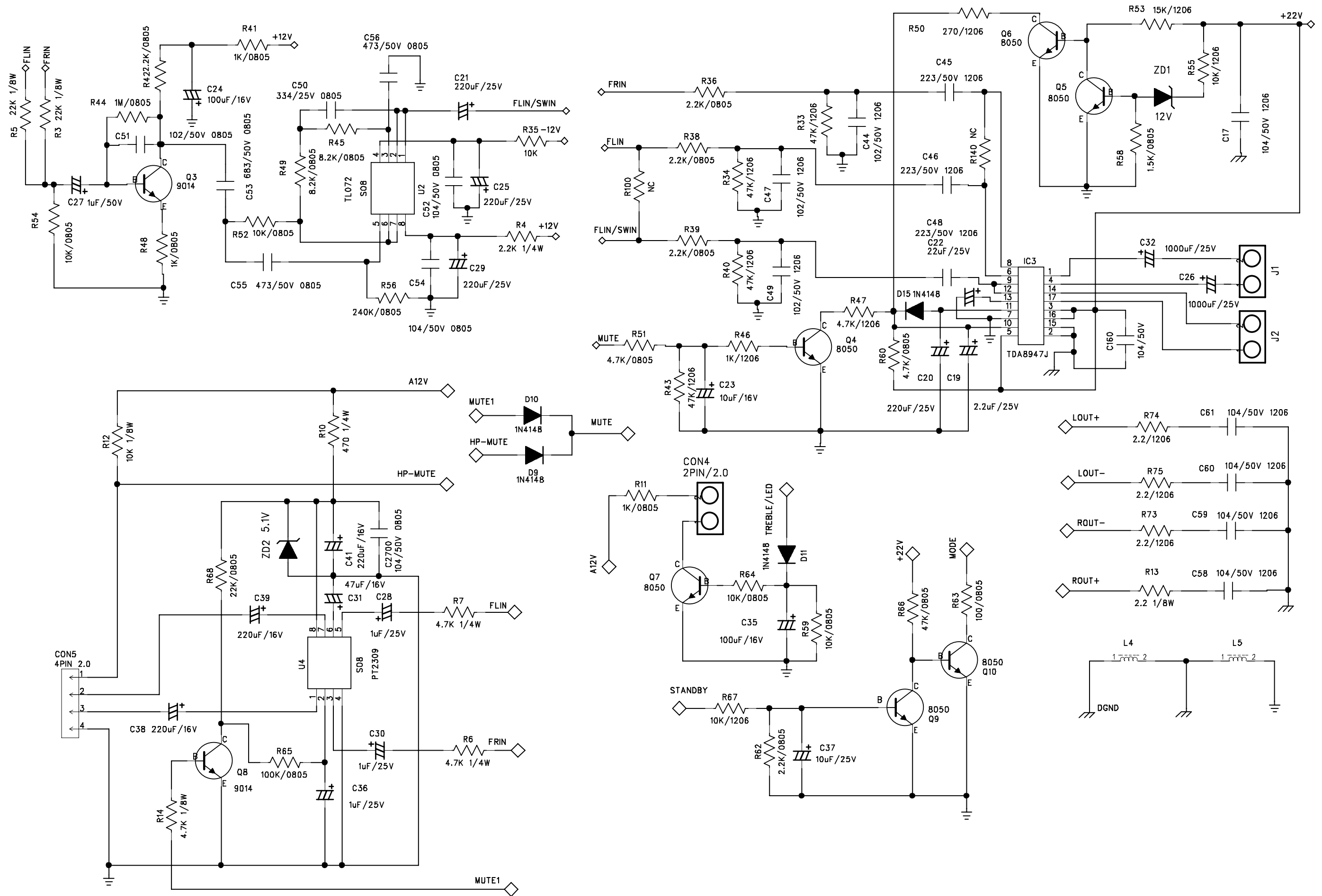
AMP FRONT LAMP



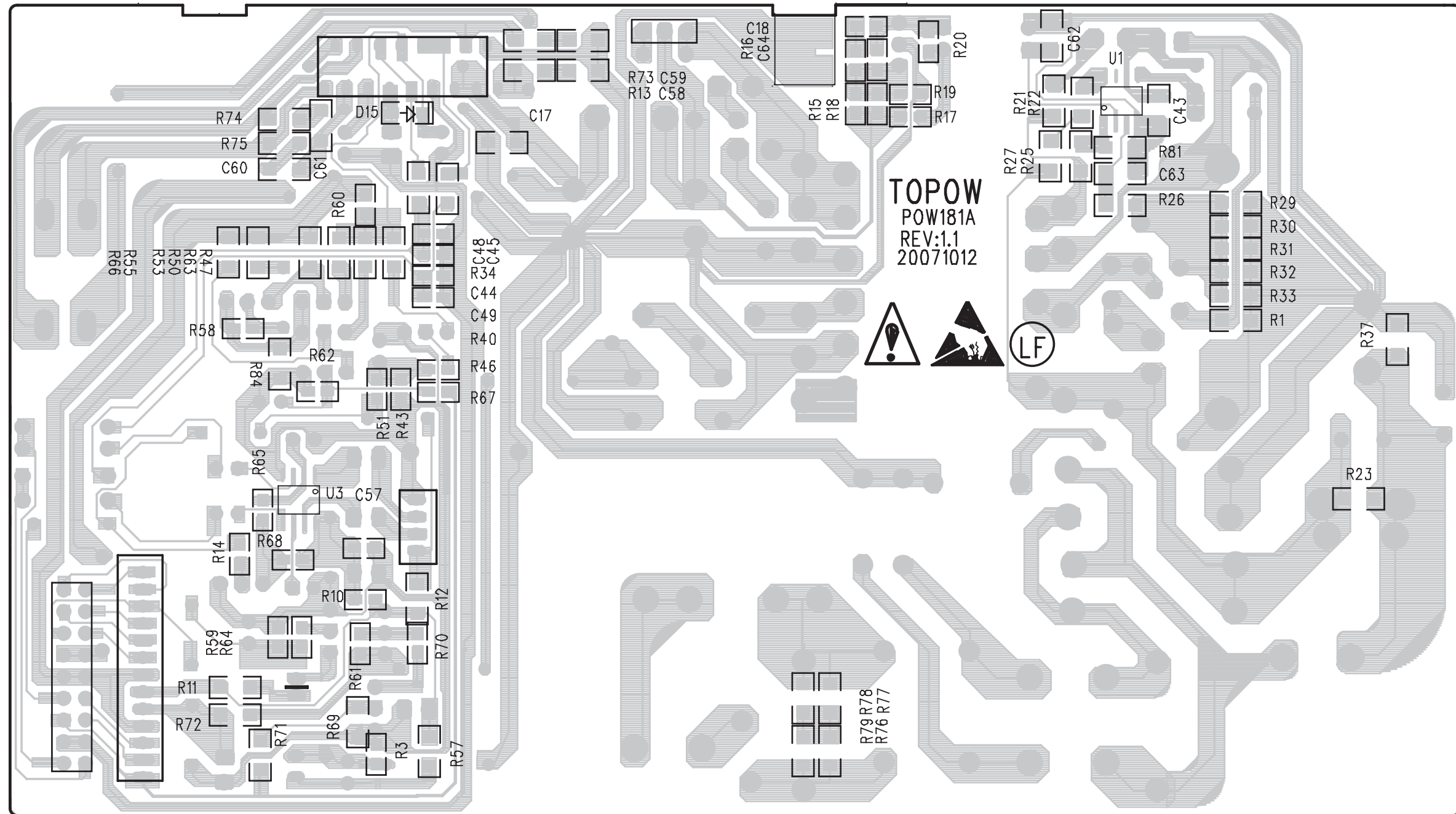
POWER BOARD - CIRCUIT DIAGRAM - PART1



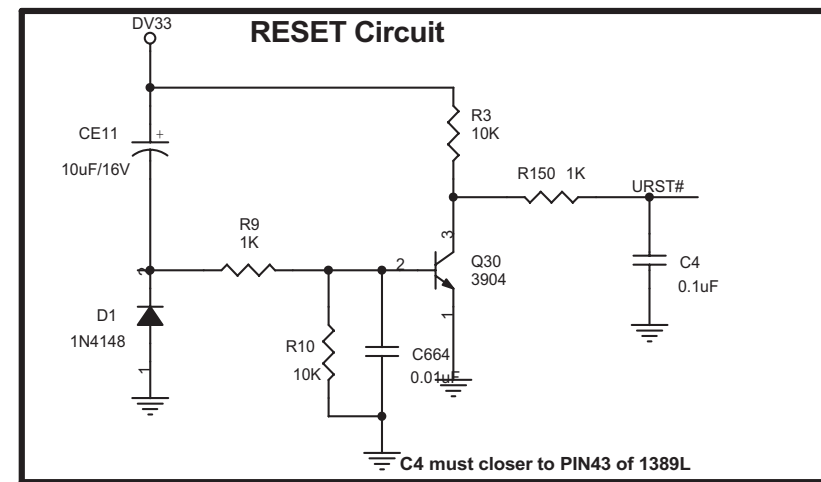
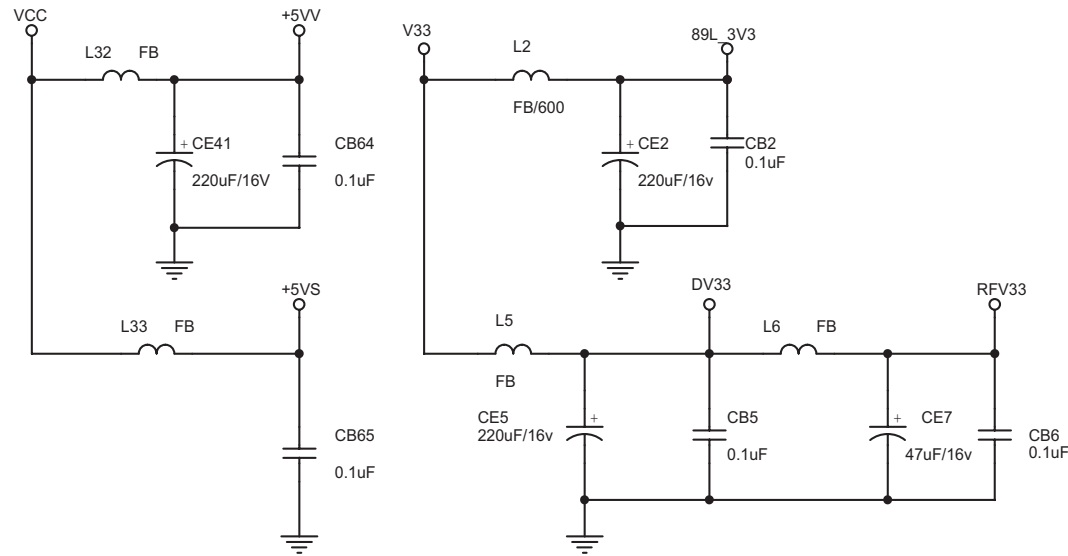
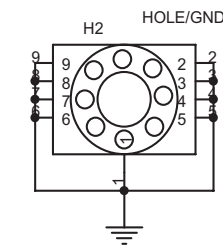
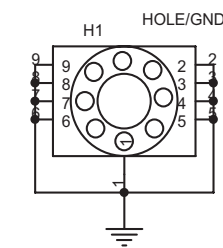
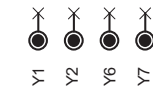
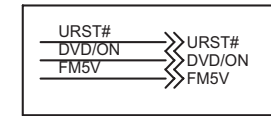
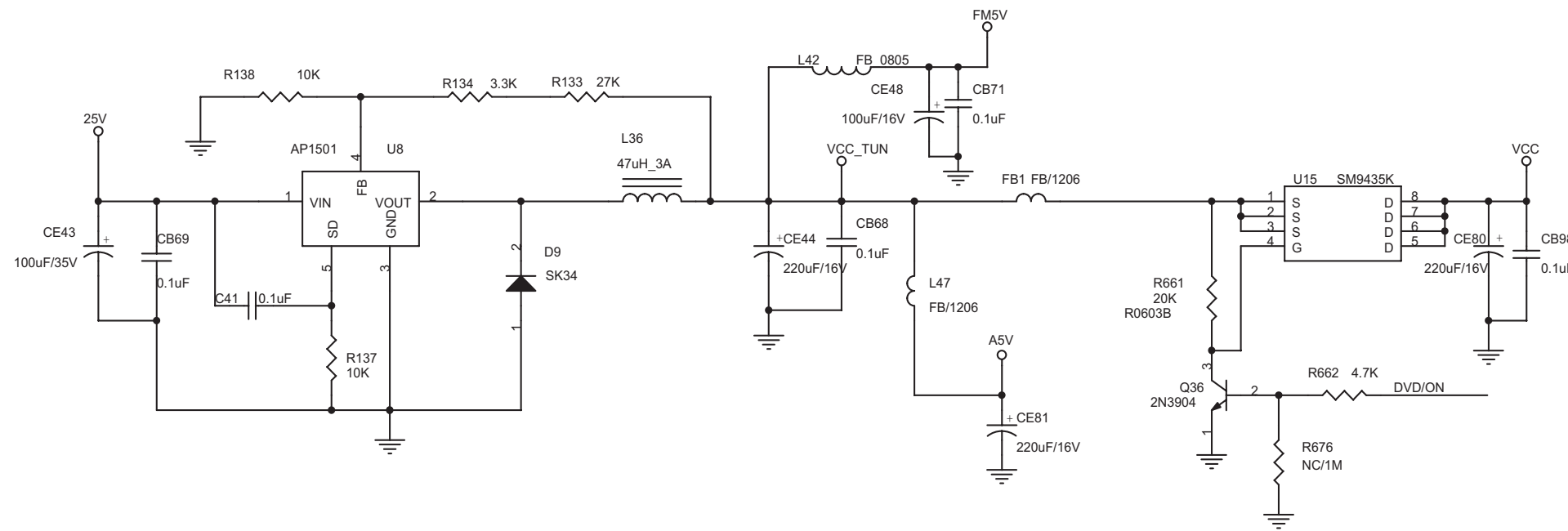
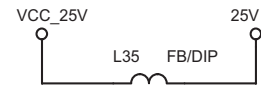
POWER BOARD - CIRCUIT DIAGRAM - PART2



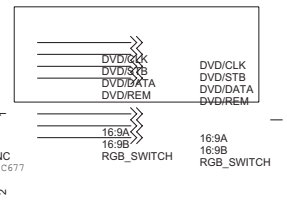
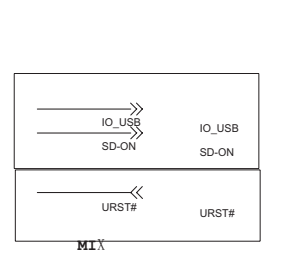
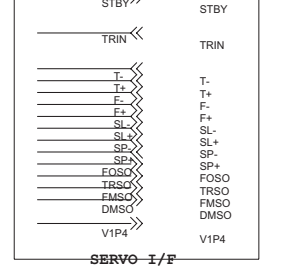
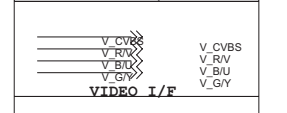
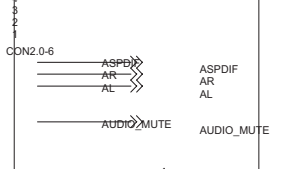
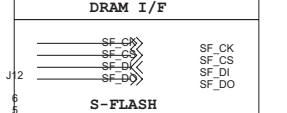
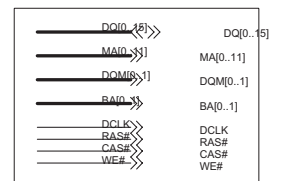
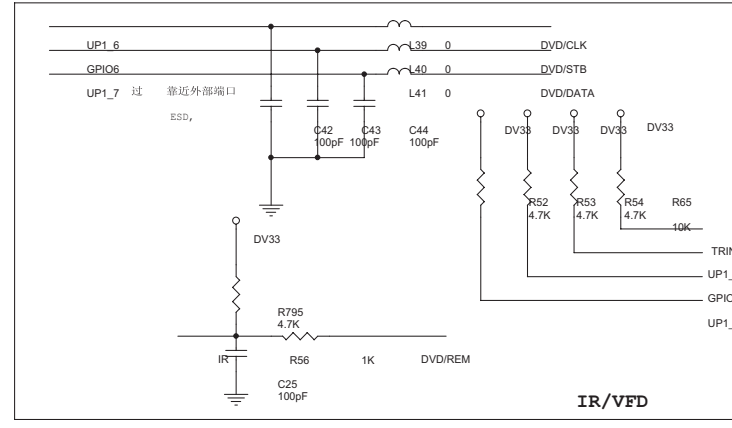
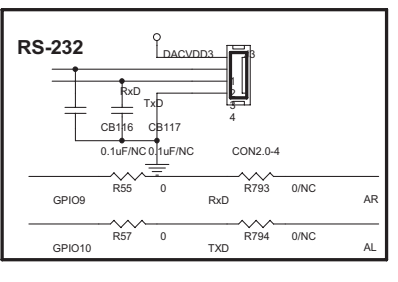
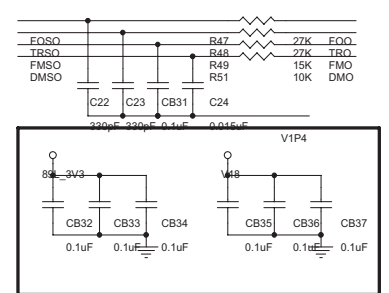
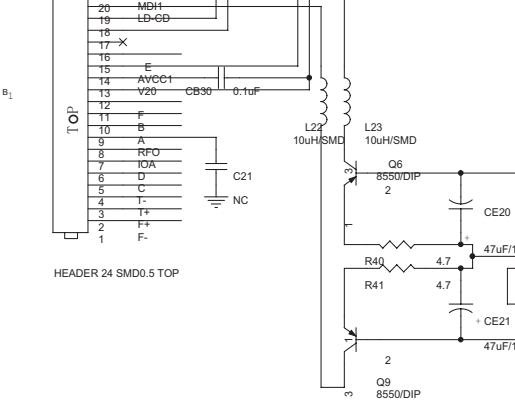
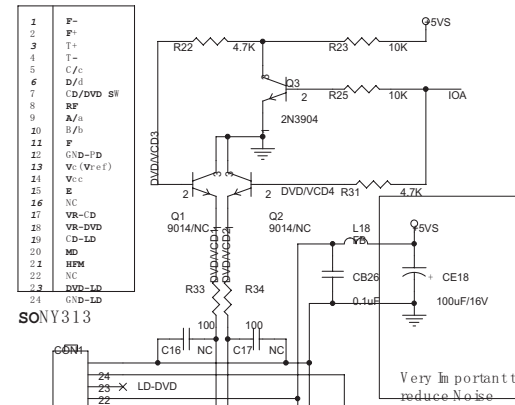
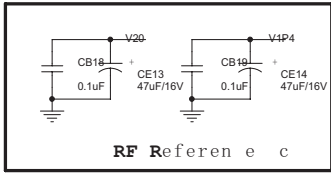
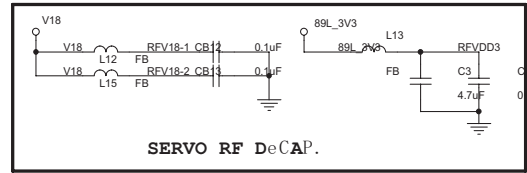
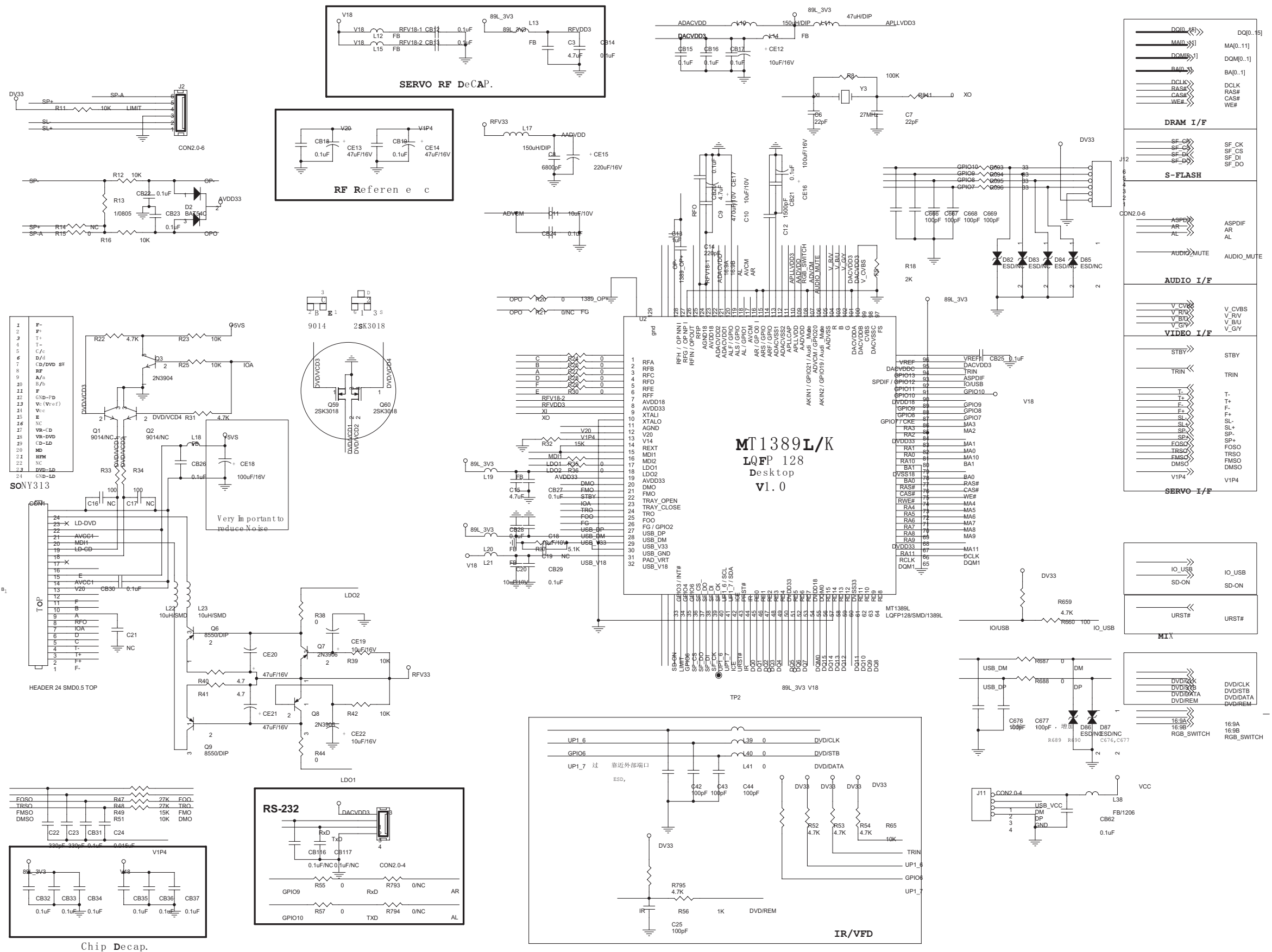
POWER BOARD - LAYOUT DIAGRAM - BOTTOM VIEW



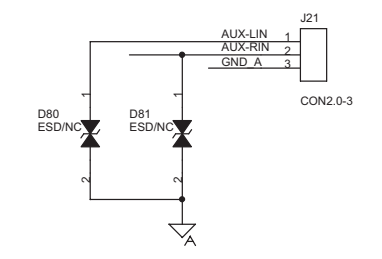
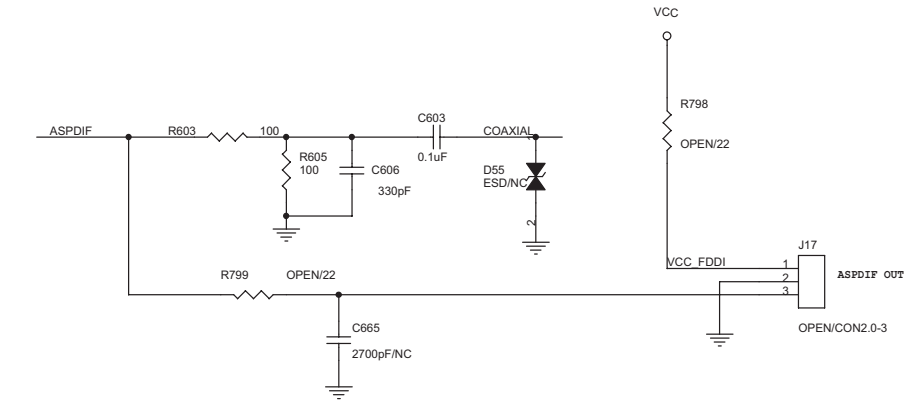
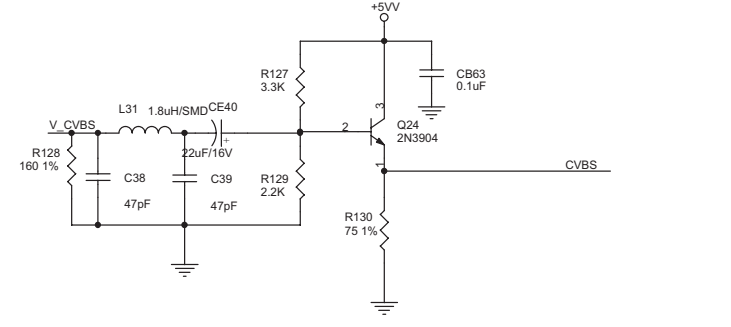
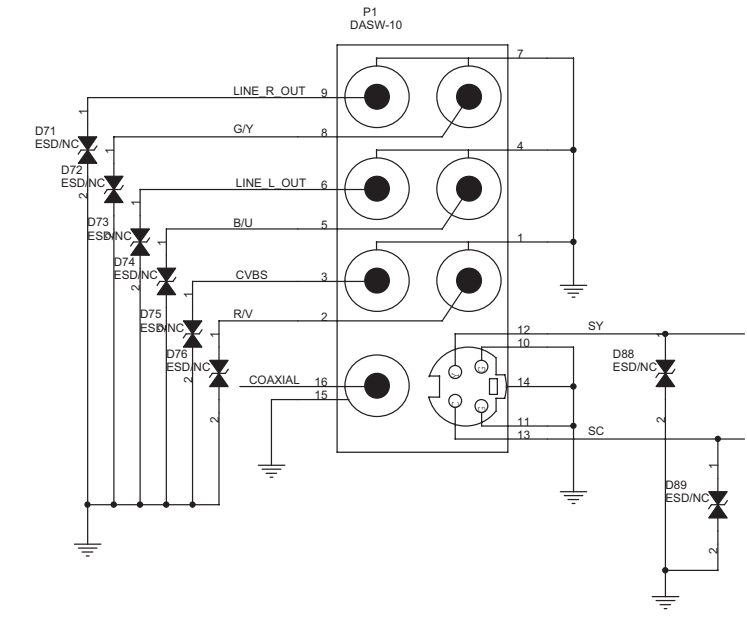
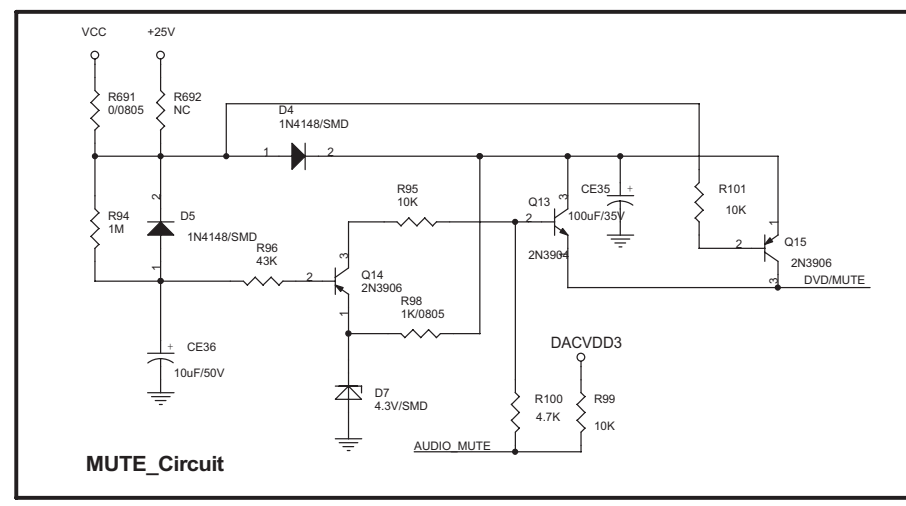
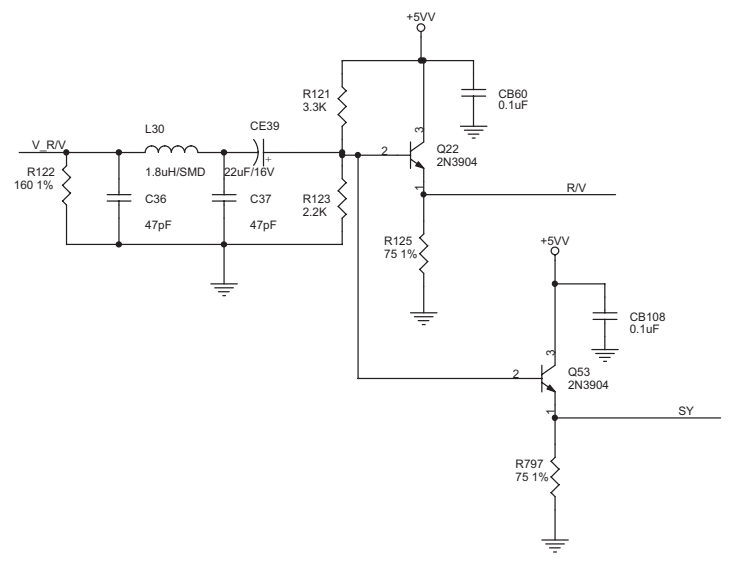
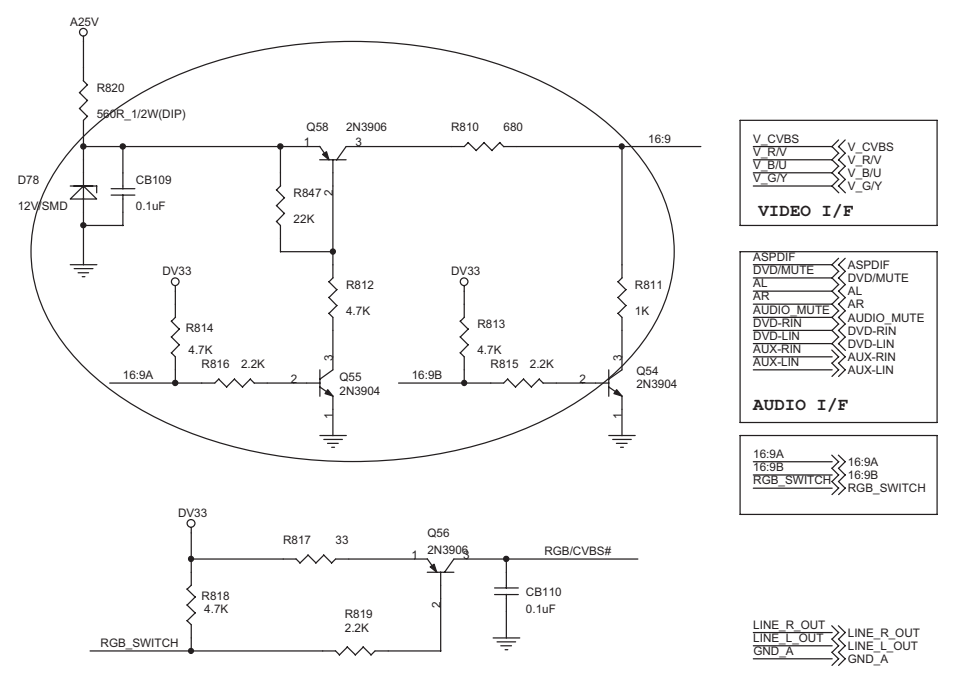
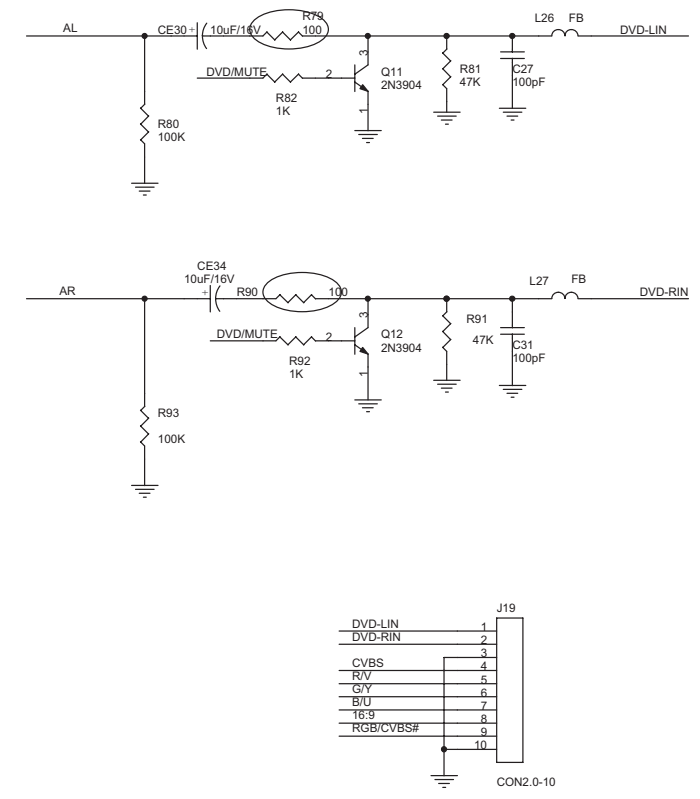
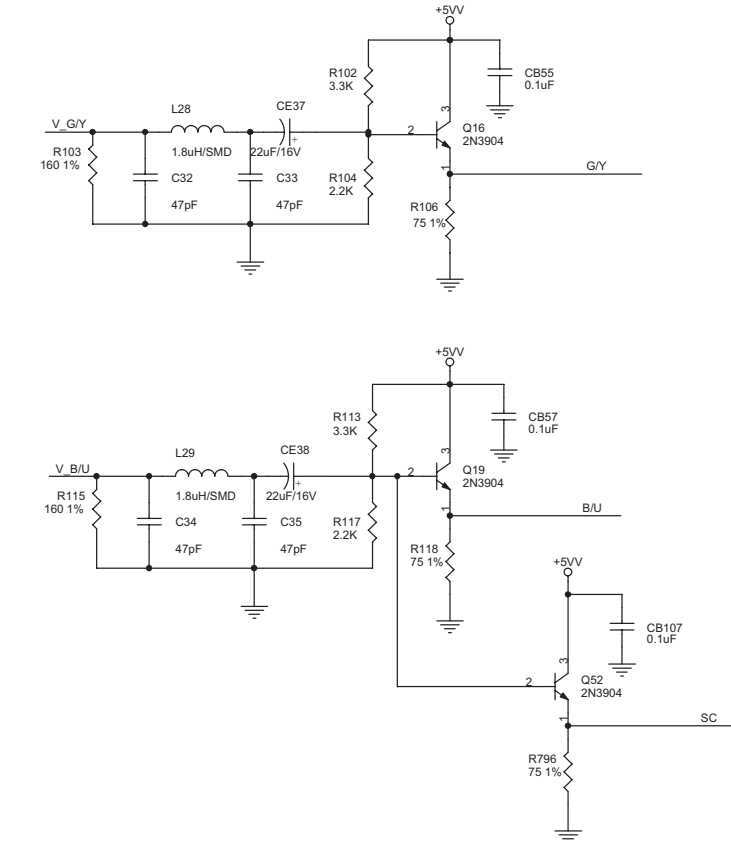
DECODE BOARD - CIRCUIT DIAGRAM - PART1



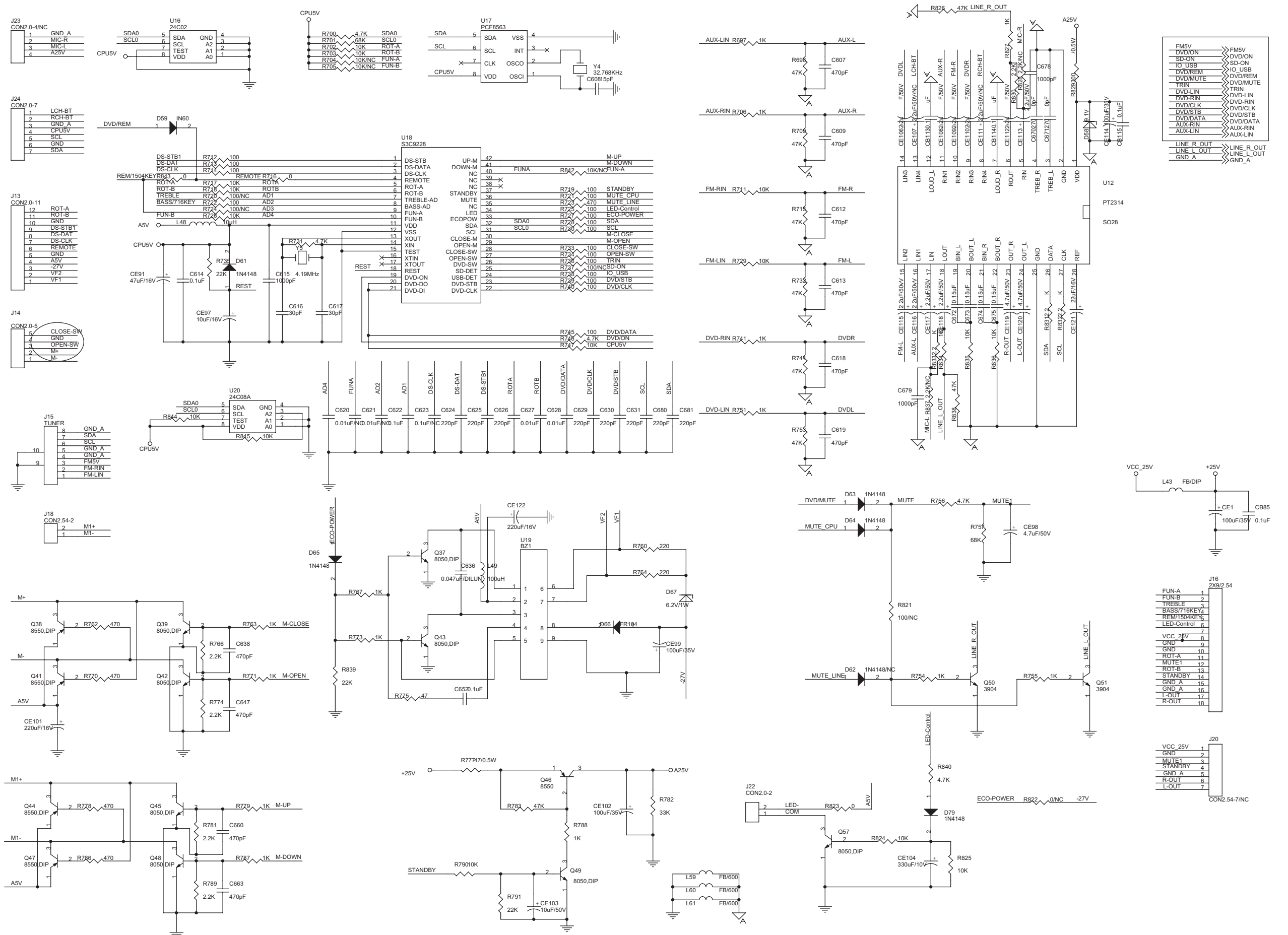
DECODE BOARD - CIRCUIT DIAGRAM - PART2



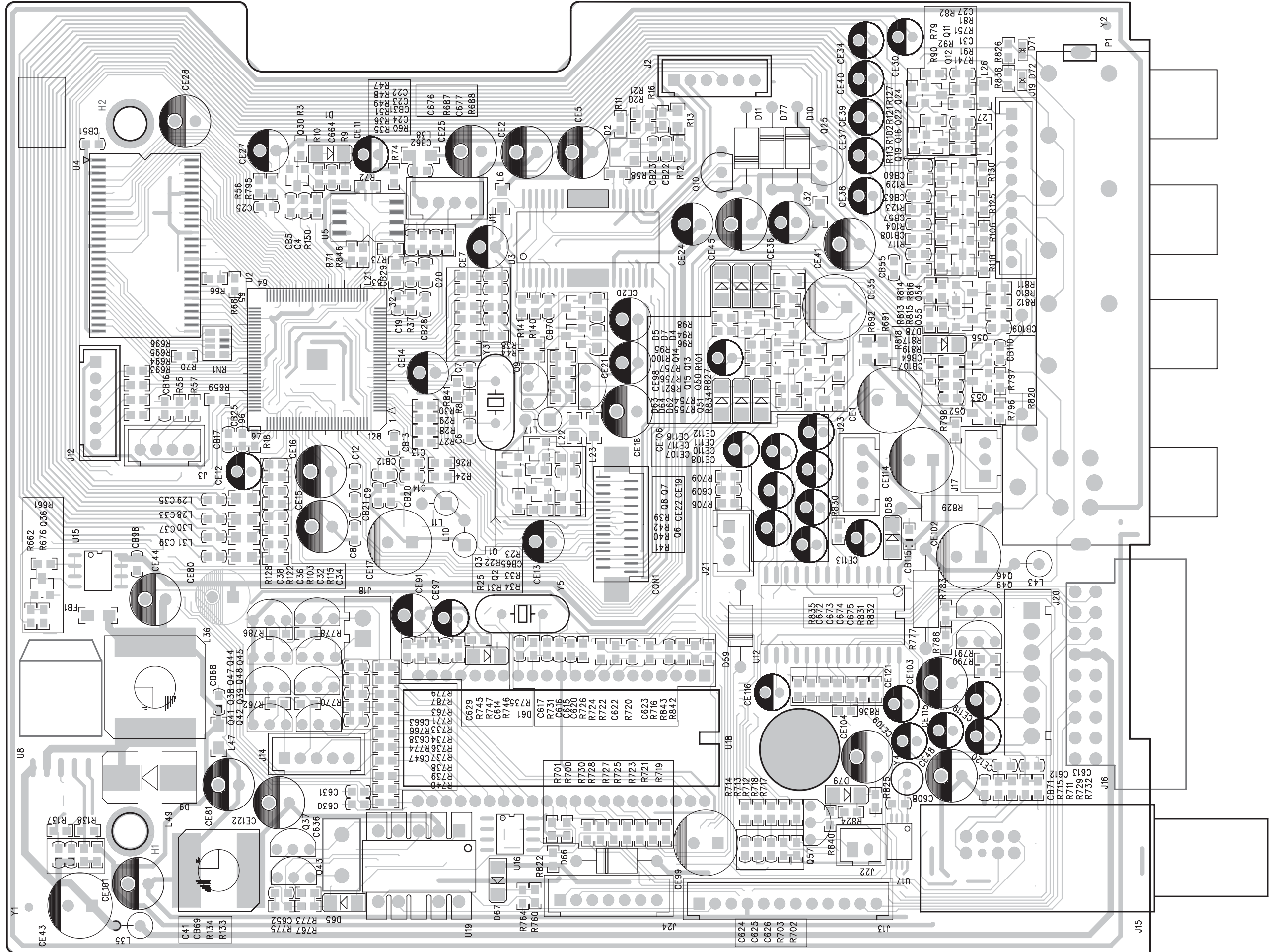
DECODE BOARD - CIRCUIT DIAGRAM - PART4



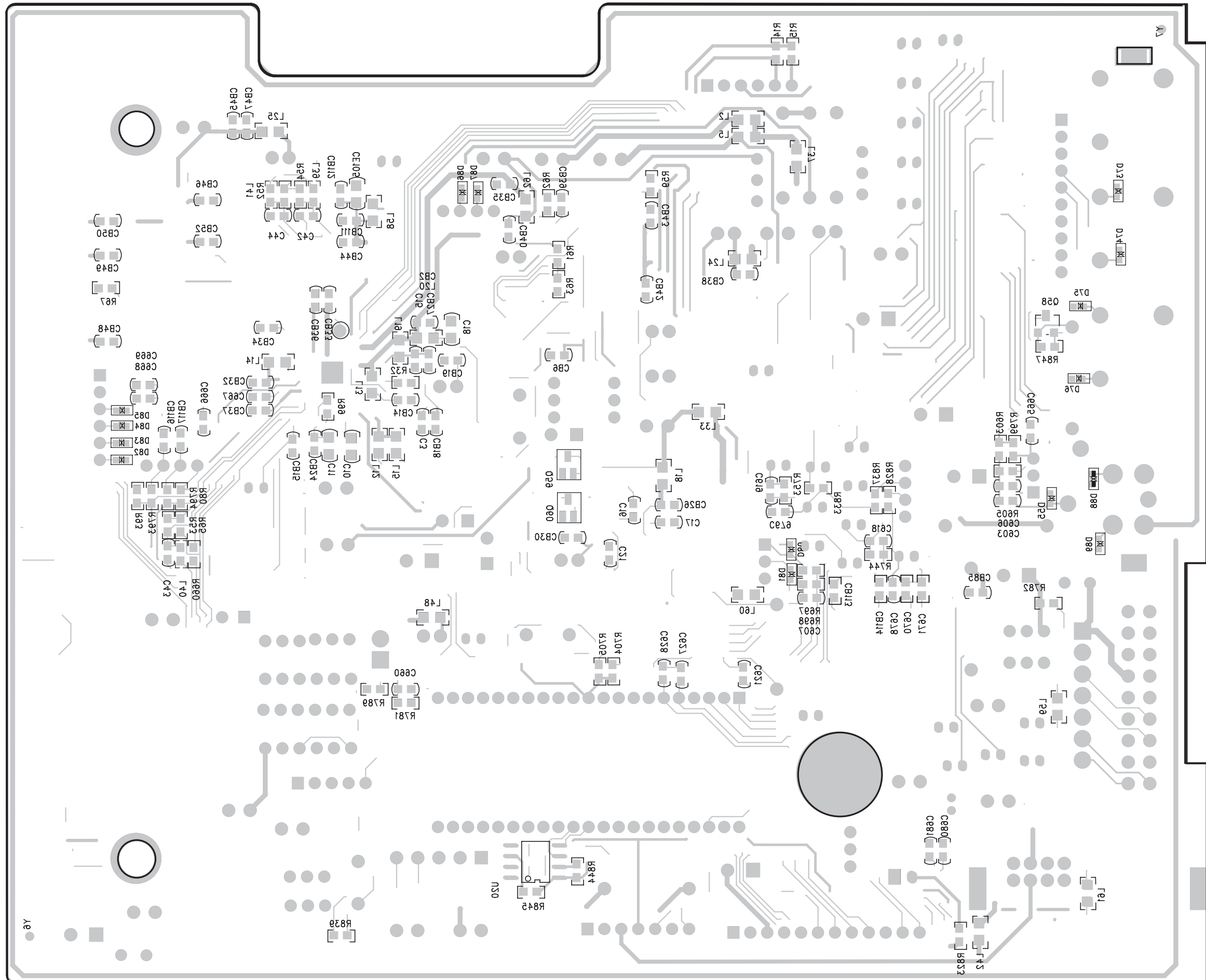
DECODE BOARD - CIRCUIT DIAGRAM - PART5



DECODE BOARD - LAYOUT DIAGRAM - TOP VIEW

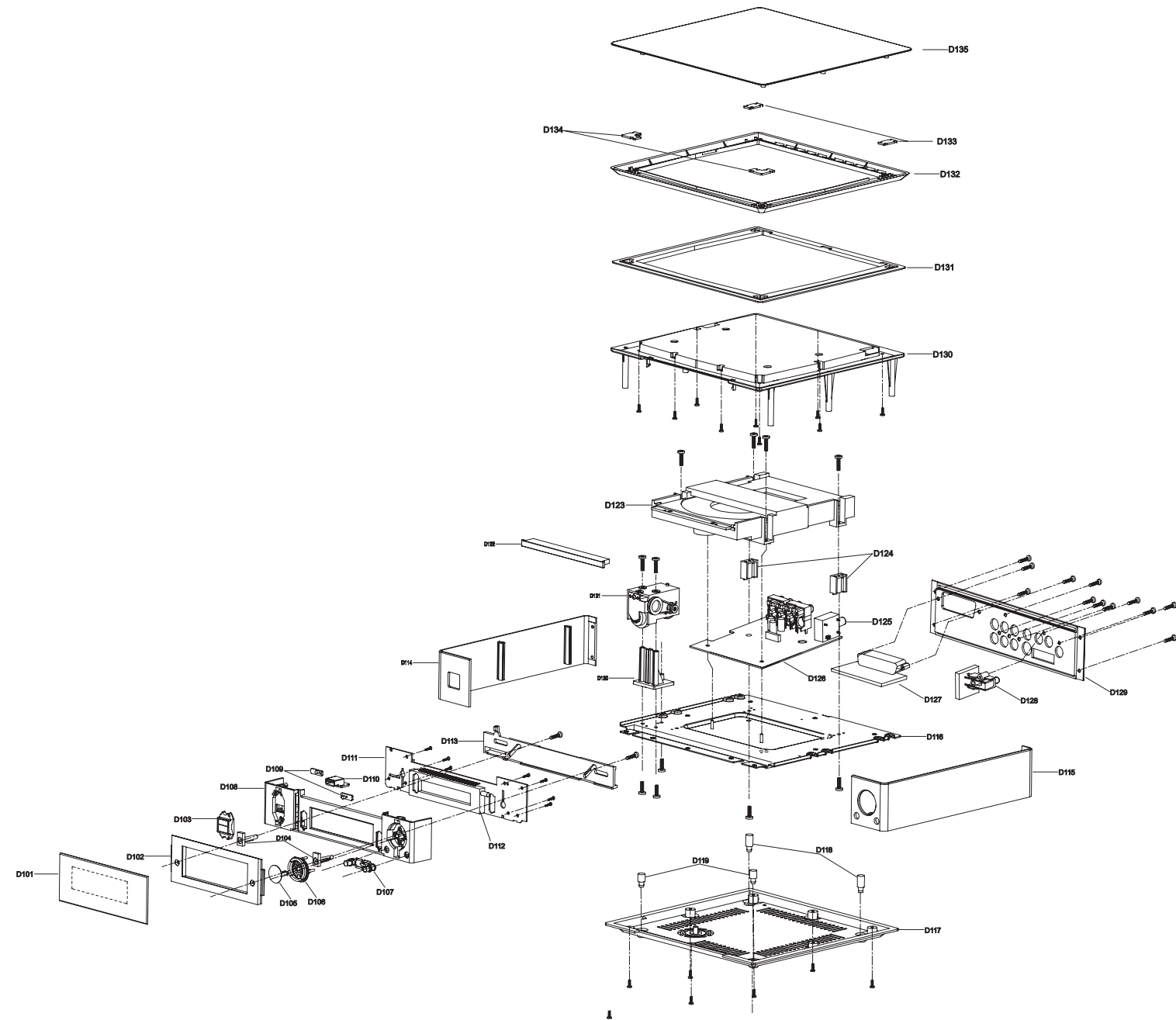


DECODE BOARD - LAYOUT DIAGRAM - BOTTOM VIEW

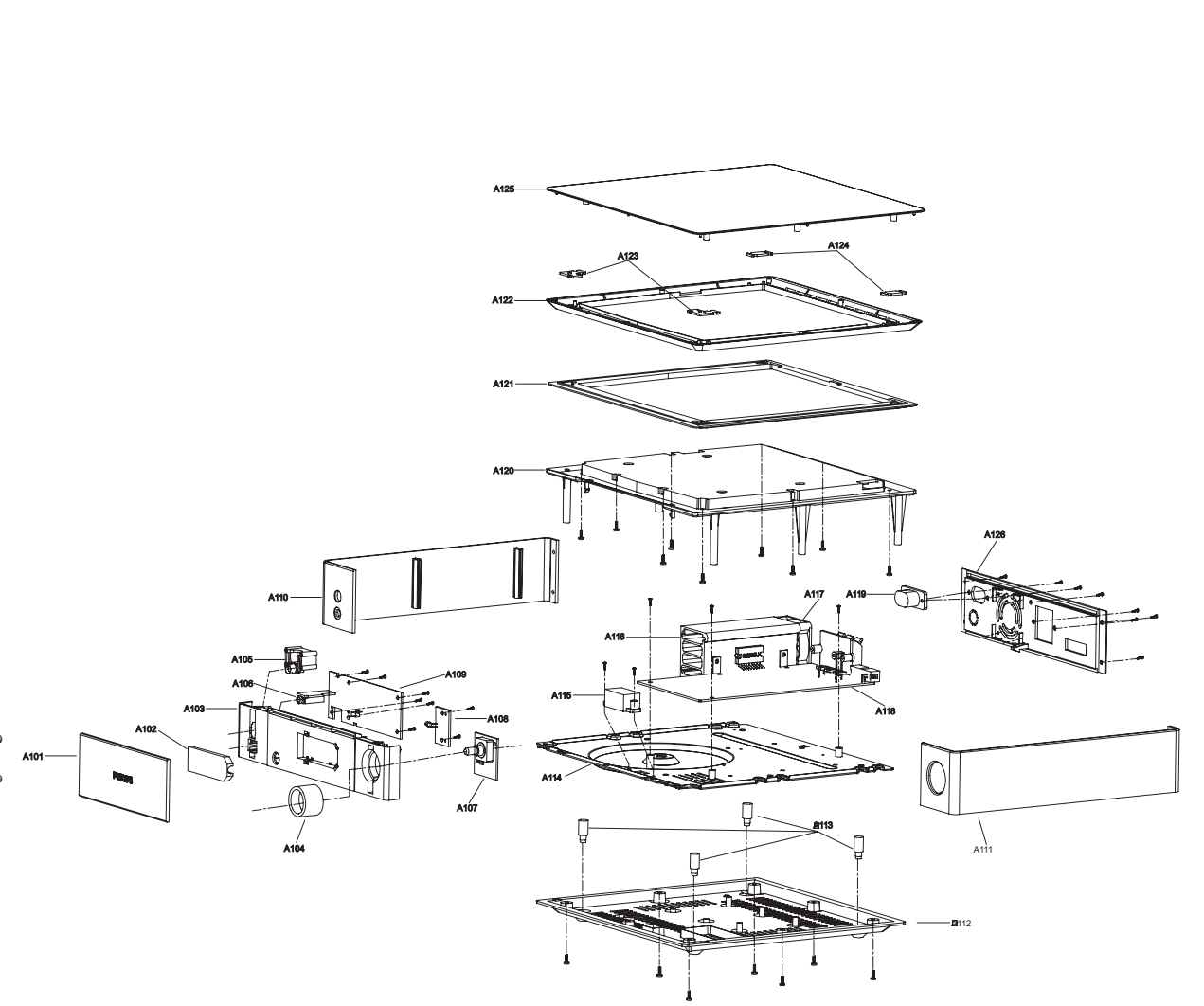


EXPLODE VIEW

DVD PART



AMP PART



ACCESSORIES PARTS LIST

996510010406	REMOTE CONTROL ASSY(FOR /12/58)
996510010416	REMOTE CONTROL ASSY(FOR /98)
996510013528	REMOTE CONTROL ASSY(/93)
994000004988	AC LINE CORD 1.8M (FOR /12/58)
996510006510	AC LINE CORD 100 (FOR /98)
994000005166	AC LINE CORD 1.8M(/93)
996500041617	PLEXIG. BKT ASS'Y PH MCD705
996510002970	VIDEO CONNECTION CABLE 21PINS
994000005078	AUDIO SINGLE WIRE W/RCA 1.5M
996500041018	FM ANTENNA WIRE 1.5m
996510013407	WIRE 250 2.5/18PX2
SURROUND SPEAKER BOX ASS'Y	
996510010407	SURROUND SPEAKER BOX(L) ASSY(/12/58)
996510010408	SURROUND SPEAKER BOX ASSY@(/12/58)
996510010417	SURROUND SPEAKER BOX ASSY(L)/98)
996510010418	SURROUND SPEAKER BOX ASSY@(/98)
996510013529	SURROUND SPEAKER BOX ASSY(L)/93)
996510013530	SURROUND SPEAKER BOX ASSY@(/93)

MECHANICAL&MISCELLANEOUS PARTS FOR AMP

A101	996510010403	AMP DISPLAY LENS PMMA
A102	996510000475	LOGO LIGHT GUIDE
A103	996510010402	AMP FRONT-PANEL(ABS)
A112	996510000472	AMP BOTTOM HIPS
A114	996510010399	AMP BOTTOM PLATE
A120	996510000240	TOP COVER1 PC
A121	996510000239	TOP LIGHT LENS PMMA
A125	996510002961	MCD728 AMP TOP COVER
A128	996510010404	AMP BACKBOARD(ABS MATCH"8"AC)
BRACKET	996510002933	MCD705 LED BRACKET
CORD	996510010405	POWER CORD 400 VH3.96/3PX1
SOCKET	994000005165	AC SOCKET 1A/250V
A118	996510010414	POWER PCB ASS'Y (ONLY FOR /98)
A118	996510010396	POWER PCB ASSY (for /93/58/12)
A115	996510000522	PW CTR SW ASS'Y 110/22V MCD7X (FOR /98)
A104		VOLUME KNOB ASS'Y
A104A	996500041638	MCD705 RIG OUT METAL PLATE
A104B	996510000477	AMP VOLUME KNOB
A105		DVD STANDBY BUTTON ASS'Y
A105A	996510000456	DVD STANDBY KNOB BRACKET
A105B	996510000459	DVD STANDBY KNOB SILVER
A106	996510010398	HEADPHONE BOARD ASSY
A107	996510010397	VOLUME BOARD ASSY

ELECTRICAL PARTS (FOR AMP) - AMP FRONT LAMP BOARD

A108	996520032845	AMP FRONT LAMP BOARD ASS'Y (for /93/98)
LED101	996510000260	WHITE LED DIODE 3R41W71W-EB

ELECTRICAL PARTS (FOR AMP) - REMOTE CONTROL BOARD

A109	996510013526	REMOTE INCEPT BOARD ASSY(/93)
A109	996520032848	REMOTE CONTROL BOARD ASS'Y (for /98)
LED901	994000004948	LED LAMP(BLUE) /12
S1	994000004961	IR SENSOR BLACK
SW901	996510000263	LIGHT TOUCH SWITCH 6X6X5

ELECTRICAL PARTS (FOR AMP) - TOP COVER LAMP PCB

A123	996520032844	TOP COVER LAMP PCB ASS'Y(for /93/98)
D132	996510006516	TOP COVER 2
LED1103	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
LED1104	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
A123B	996520032855	TOP COVER LAMP PCB ASS'Y(for /93/98)
LED1100	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
LED1101	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
A124	996520032841	TOP COVER LAMP PCB ASS'Y(for /93/98)
LED1200	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
LED1201	994000004947	LED DIODE D3 3B4SCB01 (BLUE)

MECHNICAL&MISCELLANEOUS PARTS FOR DVD

CABLE	996510008531	FLAT FLEX CABLE 24PX130X0.5XA
D101	996510010395	DVD DISPLAY LENS(PMMA)
D102	996500038468	DVD DOOR BRACKET
D104	994000005163	DVD DOOR POST-L
D104	994000005164	DVD DOOR POST-R
D108	996510010394	DVD FRONT PANEL ABS
D113	996510002936	MCD705 DVD SLID PLANK
D114	996510010391	DVD AL.SIDE PLATE(L)
D115	996510010392	DVD AL.SIDE PLATE(R) PMS430C
D116	996510010390	DVD BOTTOM PLATE
D117	996500038160	DVD CABINET BOTTOM
D120	996510002939	MCD705 DOOR DRIVE MOTOR BKT
D122	996510000244	DVD DOOR ABS
D124	996500041630	MCD705 DVD DRIVE BKT
D129	996510010393	DVD BACK CAB. (ABS SCART)(FOR /12)
D129	996510010413	DVD BACK CAB.(ABS V1.0)(FOR /98)
D130	996510000240	TOP COVER1 PC
D131	996510000239	TOP LIGHT LENS PMMA
D135	996510002934	MCD728 DVD TOP COVER
D103		USB LIGHT GUIDE ASS'Y
D103A	996510010386	USB DOOR SPRING
D103B	996510010387	USB LIGHT GUIDE
D103C	996510010388	USB DOOR ABS
D103D	996510010389	USB DOOR BRACKET ABS
D105		PLAY BUTTON ASS'Y
D105A	996500041622	MCD705 RIG OUT PLATE
D105B	996510000251	DVD CONTROL BUTTON CENTRE ABS
D106		FUNCTION BUTTON ASS'Y
D106A	996510000245	DVD CONTROL BUTTON BRACKET ABS
D106B	996510000249	DVD CONTROL BUTTON ABS(UP&DOWN)
D106C	996510000250	DVD CONTROL BUTTON ABS(L&R)
D107		DSC BUTTON ASS'Y
D107A	996510000455	DVD LEAP KNOB BRACKET
D107B	996510000457	DSC LEAP KNOB SILVER
D107C	996510000458	OPEN/CLOSE KNOB SILVER
D121	996510010382	MOTRO ASSY
D123	996510029271	SONY313AAD-T LOADER MECHANISM
D125	996510013404	TUNER BOARD ASSY(for /12/58)
D125	996510007819	TUNER BOARD PCB ASSY ECO6-05(/93/98)

MECHNICAL&MISCELLANEOUS PARTS FOR DVD

D126	996510010385	DECODER ASSY(FOR /12)
D126	996510010412	DECODER ASSY(SONY)(FOR /98)
D126	996510013406	DECODER ASSY(for /58)
D126	996510013525	DECODER ASSY(SONY)/(93)

ELECTRICAL PARTS (FOR DVD) - USB LAMP BOARD

D109	996520032843	USB LAMP BOARD ASS'Y(for /93/98)
LED201	994000004947	LED DIODE D3 3B4SCB01 (BLUE)

ELECTRICAL PARTS (FOR DVD) - USB BOARD

D110	996520032846	USB BOARD ASS'Y(for /93/98)
JACK1601	994000004968	USB JACK A-TYPE 4P FEMALE

ELECTRICAL PARTS (FOR DVD) - DISPLAY BOARD

D111	996520032847	DISPLAY BOARD ASS'Y(for /93/98)
IC601	996510000500	IC PT6311/SC16311/CD16311
SW602	994000004963	LIGHT TOUCH SW. TC103 H5
SW603	994000004963	LIGHT TOUCH SW. TC103 H5
SW604	994000004963	LIGHT TOUCH SW. TC103 H5
SW605	994000004963	LIGHT TOUCH SW. TC103 H5
SW606	994000004963	LIGHT TOUCH SW. TC103 H5
SW607	994000004963	LIGHT TOUCH SW. TC103 H5
SW608	994000004963	LIGHT TOUCH SW. TC103 H5
VFD701	996510000806	VFD DISPLAY NE-705D-2.GB

ELECTRICAL PARTS (FOR DVD) - SCART BOARD(for /12/58)

JP1501	996510002925	SCART SOCKET CS-121/SCART-113
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ELECTRICAL PARTS (FOR DVD) - AUX BOARD

D128	996520032840	AUX BOARD ASS'Y(for /93/98)
J1800	996510010381	RCA SOCKET 2P AV2-8.4-14

ELECTRICAL PARTS (FOR DVD) - TOP COVER LAMP PCB

D133	996520032855	TOP COVER LAMP PCB ASS'Y(for /93/98)
LED1100	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
LED1101	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
D134	996520032841	TOP COVER LAMP PCB ASS'Y(for /93/98)
LED1200	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
LED1201	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
D134A	996520032844	TOP COVER LAMP PCB ASS'Y(for /93/98)
D132	9965100006516	TOP COVER 2
LED1103	994000004947	LED DIODE D3 3B4SCB01 (BLUE)
LED1104	994000004947	LED DIODE D3 3B4SCB01 (BLUE)

Note: Only these parts mentioned in the list are normal service parts.

FACTORY PARTLIST

LOCATION	DESCRIPTION
	MCD716/12 DVD UNIT PARTS ASS'Y
D111	MCD716 DISPLAY BOARD ASS'Y
R603	CARBON FILM RESISTOR 4.7 1/2W J-52
R604	CARBON FILM RESISTOR 4.7 1/2W J-52
R609	CARBON FILM RESISTOR 10K 1/8W J-52
R610	CARBON FILM RESISTOR 10K 1/8W J-52
C603	CARBON FILM RESISTOR 10K 1/8W J-52
C609	CARBON FILM RESISTOR 10K 1/8W J-52
R605	CARBON FILM RESISTOR 33K 1/8W J-52
R606	CARBON FILM RESISTOR 33K 1/8W J-52
R607	CARBON FILM RESISTOR 33K 1/8W J-52
R608	CARBON FILM RESISTOR 33K 1/8W J-52
R613	CARBON FILM RESISTOR 470 1/8W J-52
R615	CARBON FILM RESISTOR 470 1/8W J-52
R601	CARBON FILM RESISTOR 4.7K 1/8W J-52
R602	CARBON FILM RESISTOR 47K 1/8W J-52
C602	CERAMIC CAP. 104P 50V K-5
C604	CERAMIC CAP. 104P 50V K-5
C601	ELCTROLYTIC CAP.47u 16V L-5 5X11
D602	DIODE 4148-52
D603	DIODE 4148-52
IC601	IC PT6311/SC16311/CD16311
SW602	LIGHT TOUCH SWITCH TC103 6X6X5 170G
SW603	LIGHT TOUCH SWITCH TC103 6X6X5 170G
SW604	LIGHT TOUCH SWITCH TC103 6X6X5 170G
SW605	LIGHT TOUCH SWITCH TC103 6X6X5 170G
SW606	LIGHT TOUCH SWITCH TC103 6X6X5 170G
SW607	LIGHT TOUCH SWITCH TC103 6X6X5 170G
SW608	LIGHT TOUCH SWITCH TC103 6X6X5 170G
CN603	PIN S CONNECTOR 2.0/2P
CN604	PIN S CONNECTOR 2.0/2P
VFD701	VFD DISPLAY NE-705D-2.GB PCB MCD716-01A1 03201 VFD DISPLAY BLACK SPONGE 30X15X1 40° BLACK SPONGE 25X10X1 40° 28WIRE 330 2.0/12PX1
D109	MCD716 USB LAMP BOARD ASS'Y
LED201	LED Φ 3 3B4SCB01 (BLUE) 26 WIRE 60 2.0/2PX1 MCD716-17A1 USB LAMP PCB
D134	MCD716 TOP COVER LAMP BOARD ASS'Y
R904	CHIP RESISTOR 680 1/4W J (1206)
R905	CHIP RESISTOR 680 1/4W J (1206)
LED1103	LED Φ 3 3B4SCB01 (BLUE)
LED1104	LED Φ 3 3B4SCB01 (BLUE) 35-MCD716-11A1 TOP COVER LAMP PCB
D132	MCD728 TOP COVER 2(ABS BLACK) 28 SINGLE WIRE 150 2.0/2PX1 28WIRE 190 2P
D133	MCD716 TOP COVER LAMP BOARD ASS'Y
R906	CHIP RESISTOR 680 1/4W J (1206)
R907	CHIP RESISTOR 680 1/4W J (1206)
LED1100	LED Φ 3 3B4SCB01 (BLUE)
LED1101	LED Φ 3 3B4SCB01 (BLUE) 35-MCD716-11A2 TOP COVER LAMP PCB
D134	MCD716 TOP COVER LAMP BOARD3 ASS'Y
R903	CHIP RESISTOR 680 1/4W J (1206)
R909	CHIP RESISTOR 680 1/4W J (1206)
LED1200	LED Φ 3 3B4SCB01 (BLUE)
LED1201	LED Φ 3 3B4SCB01 (BLUE) 35-MCD716-12A1 TOP COVER LAMP PCB
D110	MCD716 USB BOARD ASS'Y
JACK1601	USB JACK A-TYPE 4 P FEMALE 90°DIP TYPE 26 SHIELD WIRE 240 2.0/4PX1 2.0/4PX1

FACTORY PARTLIST

	MCD716-16A1 USB PCB
D127	MCD716 SCART BOARD ASS'Y
R1506	CARBON FILM RESISTOR 100 1/8W J-52
R1507	CARBON FILM RESISTOR 100 1/8W J-52
R1504	CARBON FILM RESISTOR 10K 1/8W J-52
R1505	CARBON FILM RESISTOR 10K 1/8W J-52
	28WIRE 120 2.0/10PX1 2.0/10PX1
JP1501	21PINS SOCKET CS-121/SCART-113
	35-MCD716-15A1 SCART PCB
JP1	BARE WIRE Φ 0.6X40mm (375m=1kG)
D126	MCD716 AUX BOARD ASS'Y
R1800	CARBON FILM RESISTOR 10K 1/8W J-52
R1802	CARBON FILM RESISTOR 10K 1/8W J-52
J1800	RCA SOCKET 2P AV2-8.4-14 RED/WHITE
	26 SHIELD WIRE 100 2.0/3PX1 2.0/3PX1
	35-MCD716-18A1 AUX PCB
R1801	BARE WIRE Φ 0.6X40mm (375m=1kG)
R1803	BARE WIRE Φ 0.6X40mm (375m=1kG)
D121	MCD716 MOTRO ASS'Y
	1300 WORM PREFORMING(NEW1300)
	SINGLE MOTOR WHEEL WHITE
	MCD728 WORM WHEEL
	MCD728 WORM
	NE1300 WORM WHEEL BRACKET
	MOTOR RF-360C-13450
	FIBRE GASKET Φ 3X8X1
	LEATHER Φ 25.5X1.3 RUBBER
	SCREW 3 X 4 FM NICKEL-PLATE
	SCREW 3 X 10 PA NICKEL-PLATE
	28WIRE 200 2.5/2PX1
D125	ECO6-05 TUNER BOARD ASS'Y(RDS)
R18	CHIP RESISTOR 100K 1/16W J(0603)
R8	CHIP RESISTOR 10K 1/16W J(0603)
R15	CHIP RESISTOR 10K 1/16W J(0603)
R16	CHIP RESISTOR 10K 1/16W J(0603)
R19	CHIP RESISTOR 10 1/16W J(0603)
R2	CHIP RESISTOR 1M 1/16W J(0603)
R3	CHIP RESISTOR 1M 1/16W J(0603)
R12	CHIP RESISTOR 1M 1/16W J(0603)
R4	CHIP RESISTOR 4.7K 1/16W J(0603)
R5	CHIP RESISTOR 4.7K 1/16W J(0603)
R6	CHIP RESISTOR 4.7K 1/16W J(0603)
R1	CHIP RESISTOR 47 1/16W J(0603)
R11	CHIP RESISTOR 10M 1/16W J (0603)
R13	CHIP RESISTOR 820 1/16W J(0603)
R14	CHIP RESISTOR 820 1/16W J(0603)
C14	CHIP CAP.10P 50V J (0603) NPO
R22	CHIP RESISTOR 330 1/16W J(0603)
C20	CHIP CAP.12P 50V J(0603)NPO
C25	CHIP CAP.223P 50V M (0603) Y5V
C21	CHIP CAP.39P 50V J (0603) NPO
C8	CHIP CAP.47P 50V J(0603)NPO
C1	TAN TALUM CAP. 22uF/6.3V (A) (3216)
C18	TANTALUM CAP. 22uF/6.3V (A) (3216)
C19	TANTALUM CAP. 22uF/6.3V (A) (3216)
C22	TANTALUM CAP. 22uF/6.3V (A) (3216)
C24	TANTALUM CAP. 22uF/6.3V (A) (3216)
C2	CHIP CAP.224P 50V M (0603) Y5V
C3	CHIP CAP.224P 50V M (0603) Y5V
C4	CHIP CAP.224P 50V M (0603) Y5V
C5	CHIP CAP.224P 50V M (0603) Y5V
C7	CHIP CAP.27P 50V J(0603) NPO
C6	CHIP CAP.100P 50V K (0603) X7R
C23	CHIP CAP.100P 50V K (0603) X7R
C10	CHIP CAP.103P 50V K (0603) X7R
C11	CHIP CAP.103P 50V K (0603) X7R

FACTORY PARTLIST

C15	CHIP CAP.103P 50V K (0603) X7R
C16	CHIP CAP.103P 50V K (0603) X7R
C17	CHIP CAP.103P 50V K (0603) X7R
C9	CHIP CAP.104P 50V M (0603) Y5V
C12	CHIP CAP.104P 50V M (0603) Y5V
C13	CHIP CAP.104P 50V M (0603) Y5V
L1	CHIP INDUCTOR 120n (0603)
L7	CHIP INDUCTOR 39n J (0603)
L8	CHIP INDUCTOR 10U (0603)
DZ1	CHIP ZENER DIODE 3.6V 1/2W (LL-34)
Q2	CHIP TRANSISTOR 9014 (SOT-23)
Q3	CHIP TRANSISTOR 9014 (SOT-23)
Q1	CHIP TRANSISTOR 8050(SOT-23)
IC2	IC 74HC2G04
IC1	IC TEA5766UK
X1	CRYSTAL OSCILLATOR 32.768KHZ ϕ 2X6
L4	FERRITE BEAD 601 K (0603)
L5	FERRITE BEAD 601 K (0603)
CN1	PINS CONNECTOR 2.0X2X4P H8 35-ECO6-05A1 TUNER BOARD METAL BOX F-8A 28X26X13 NICKEL-PLATE
D123	MCD708 MECHANISIM ASS'Y (SONY KHM-313AAA) DVD MECHANISM(SONY KHM-313AAA) DVD MECHANISM BRACKET(RT-656n) MCD716/12 MCU PARTS ASS'Y
DIP42	CPU U252(S3C9228 XYZ-CAN CHANGE) MCD716/12 CPU MAIN BOARD SOFTWARE(V1.0)
D126	MCD716/12 DECODER ASS'Y (SONY) DVD DECODER EJS89LA716-12 MCD716/12 DVD SOFTWARE(V1.0A)SONY
D103	MCD716 USB LIGHT GUIDE ASS'Y MCD716 USB DOOR SPRING MCD716 USB LAMP BOARD(PMMA SILK-SCREEN) MCD716 USB DOOR ABS MCD716 USB DOOR BRACKET ABS
D106	MCD705 FUNCTION BUTTON ASS'Y MCD705 DVD CONTROL BUTTON BRACKET ABS MCD705 DVD CONTROL BUTTON ABS SILVER MCD705 DVD CONTROL BUTTON ABS SILVER
D105	MCD705 PLAY BUTTON ASS'Y MCD705 RIG OUT METAL PLATE ALUMINIUM MCD705 DVD CONTROL BUTTON CENTRE
D107	MCD705 DSC BUTTON ASS'Y MCD759 DVD LEAP KNOB BRACKET ABS MCD759 DSC LEAP KNOB SILVER ABS MCD759 OPEN/CLOSE KNOB SILVER ABS MCD716/12DVD CASING PARTS ASS'Y
D116	MCD716 DVD BOTTOM PLATE
D114	MCD716 DVD AL.SIDE PLATE(L)
D115	MCD716 DVD AL.SIDE PLATE(R) PMS430C
D129	MCD716 DVD BACK CAB. (ABS SCART)
D135	MCD728 DVD TOP COVER(ABS HIGH BLACK)
D108	MCD705 DVD FRONT PANEL ABS
D130	MCD705 TOP COVER1 PC
D131	MCD705 TOP COVER LIGHT GUIDE(PMMA)
D117	MCD705 DVD BOTTOM CAB. (HIPS)
D122	MCD705 DVD DOOR ABS
D102	MCD705 DVD DOOR BRACKET ABS
D113	MCD705 DVD DOOR SLIDING PLANK ABS
D104	MCD705 DOOR SLIDING-BRACKET-L POM
D104	MCD705 DOOR SLIDING-BRACKET-R POM
D101	MCD705 DVD DISPLAY LENS(PMMA)
D124	MCD705 DVD MECHANISM BRACKET ABS
D120	MCD705 DOOR DRIVE MOTOR BRACKET ABS SCREW 3 X 6 FMTT ϕ 6 BLACK SCREW 3 X 6 FMTT ϕ 6 NICKEL-PLATE

FACTORY PARTLIST

	SCREW 2.6 X 5 PWMTT BLACK
	SCREW 3 X 10 FA Φ 5.5 PLATE
	SCREW 3 X 10 PWA PLATE
	SCREW 3 X 8 BM NICKEL-PLATE
	SCREW 2.6 X 8 PT NICKEL-PLATE
	SCREW 2.6 X 6 PT NICKEL-PLATE
	SCREW 2X6PWT Φ 7 BLACK
	SCREW 2 X 6 PT NICKEL-PLATE
	SCREW 3 X 10 PTH NICKEL-PLATE
	SCREW 2.5 X 7 PWMTT BLACK
	SCREW 3 X 5 FMTT NICKEL-PLATE
	SCREW 3 X 6 FMTT Φ 6 BLACK
	SCREW 3X6 PT NICKEL-PLATE
	SCREW 3 X 6 BM NICKEL-PLATE
	SCREW 3X6 FT Φ 6 BLACK
	SCREW 3X8FT BLACK
	SCREW 3X8 FT NICKEL-PLATE
	SCREW 3 X 10 BT NICKEL-PLATE SCREW 2.5
	SCUTCHEON PHILIPS 56X10 ALM
	MCD705RUBBER FOOT A 70° GRAY
	MCD705 B RUBBER FOOT 70°(GRAY)
	BLACK SPONGE 10X10X4 75°
	BLACK SPONGE 10X10X10 40°
	PRICK-LINE L=70
	FLAT FLEXIBLE CABLE 24PX130X0.5XA
	28WIRE 100 2.0/5PX2
	28 WIRE 260 2.0/6PX2
	28WIRE 110 2.0/2P 2.0/3P 2.0/5P
A118	MCD716/12 AMP UNIT PARTS ASS'Y
	MCD716/12 POWER BOARD ASS'Y
	IC TDA8947J
	POWER PCB ASS'Y POW181A 100W
	MCD716 HEAT SINK 40X42X90
	1204 AMP METAL BRACKET 16X9.5X7.0
A123	MCD716 TOP COVER LAMP BOARD 1 ASS'Y
R904	CHIP RESISTOR 680 1/4W J (1206)
R905	CHIP RESISTOR 680 1/4W J (1206)
LED1103	LED Φ 3 3B4SCB01 (BLUE)
LED1104	LED Φ 3 3B4SCB01 (BLUE)
	35-MCD716-11A1 TOP COVER LAMP BOARD
A122	MCD728 TOP COVER 2(ABS BLACK)
	28 SINGLE WIRE 150 2.0/2PX1 RED BLACK
	28WIRE 190 2P
A123	MCD716 TOP COVER LAMP BOARD 2 ASS'Y
R906	CHIP RESISTOR 680 1/4W J (1206)
R907	CHIP RESISTOR 680 1/4W J (1206)
LED1100	LED Φ 3 3B4SCB01 (BLUE)
LED1101	LED Φ 3 3B4SCB01 (BLUE)
	PCB 35-MCD716-11A2 TOP COVER LAMP BOARD
A124	MCD716 TOP COVER LAMP PCB ASS'Y
R903	CHIP RESISTOR 680 1/4W J (1206)
R909	CHIP RESISTOR 680 1/4W J (1206)
LED1200	LED Φ 3 3B4SCB01 (BLUE)
LED1201	LED Φ 3 3B4SCB01 (BLUE)
	PCB 35-MCD716-12A1 TOP COVER LAMP BOARD
A109	MCD716 REMOTE CONTROL BOARD ASS'Y
R901	CARBON FILM RESISTOR 100 1/8W J-52
R903	CARBON FILM RESISTOR 10K 1/8W J-52
R904	CARBON FILM RESISTOR 10K 1/8W J-52
R902	CARBON FILM RESISTOR 1.5K 1/8W J-52
C902	CERAMIC CAP. 104P 50V K-5
C901	ELECTROLYTIC CAP.100u 16V L-5 5X11

FACTORY PARTLIST

LED901	LED 3R4CB71D-2B-208 (BLUE)
S1	IR SENSOR SMALL BLACK
SW901	LIGHT TOUCH SWITCH 6X6X5 250g BLACK SPONGE 10X10X12 75° 35-MCD716-09A1 03201 REMOTE SENSOR PCB
A108	MCD716 AMP FRONT LAMP BOARD ASS'Y
R101	CARBON FILM RESISTOR 1K 1/4W J-52
LED101	LED 3R41W71W-EB WHITE 35-MCD716-10A1 FRONT-CAB LAMP PCB
A107	MCD716 VOLUME BOARD ASS'Y ED-1612-00-F15 40-80G CODER 35-MCD716-03A1 VOLUME PCB
A106	MCD716 HEADPHONE BOARD ASS'Y
J104	TE-03501S-11 HEADPHONE JACK Φ 3.5 PCB 35-MCD716-07A1 HEADPHONE
A105	MCD759 DVD STANDBY BUTTON ASS'Y MCD759 DVD STANDBY KNOB BRACKET ABS MCD759 DVD STANDBY KNOB SILVER ABS
A104	MCD705 VOLUME KNOB ASS'Y MCD705 AL DECORATIVE PLATE MCD705 AMP VOLUME KNOB SILVER ABS MCD716/12 AMP CASING PARTS ASS'Y
A114	MCD716 AMP BOTTOM PLATE
A110	MCD716 LEFT-SIDE PLATE(ALUMINIUM)
A111	MCD716 RIGHT-SIDE PLATE(ALUMINIUM)
A103	MCD705 AMP FRONT-PANEL(ABS)
A112	MCD705 AMP PLASTIC MOTHERBOARD(HIPS)
A102	MCD705 LOGO LIGHT GUIDE PMMA
A101	MCD705 AMP DISPLAY LENS PMMA FOR716
A121	MCD705 TOP COVER LIGHT GUIDE(PMMA)
A120	MCD705 TOP COVER1 PC
A128	MCD716 AMP BACKBOARD(ABS MATCH"8"AC)
A125	MCD728 AMP TOP COVER ABS
BRACKET	MCD705 LED BRACKET ABS
SCOKET	Δ AC SOCKET 2.5A/250V(2120-FSI)PH VDE/CCC FIBRE WASHER Φ 4X8X0.5 MCD705 RUBBER FOOT B 70°(GRAY) PVC SHEET 120X100X0.5 SCREW 3 X 10 FM NICKEL-PLATE Φ 6 M3 NUT NICKEL-PLATE SCREW 3 X 5 FMTT NICKEL-PLATE SCREW 3 X 10 FT Φ 6 NICKEL-PLATE SCREW 3 X 5 FMTT BLACK SCREW 2.6 X 8 PT NICKEL-PLATE SCREW 3 X 10 PTH NICKEL-PLATE SCREW 3 X 6 PM NICKEL-PLATE SCREW 3 X 6 FMTT Φ 6 BLACK SCREW 2.6 X 5 PT NICKEL-PLATE SCREW 2.6 X 6 PT NICKEL-PLATE SCREW 3X6 PT NICKEL-PLATE SCREW 2.6 X 5 PWMTT BLACK SCREW 3 X 6 BTH NICKEL-PLATE SCREW 3X8 FT NICKEL-PLATE BLACK SPONGE Φ 12X2 75° 28WIRE 370 2.0/13PX1 2.0/9P 26WIRE 380 2.0/4PX1 2.0/4PX1 Δ POWER CORD 400 VH3.96/3PX1 LEAKPROOF LABEL 68X25 BLACK MCD716/12 SURROUND SPEAKER BOX ASS'Y MCD716/12 SURROUND SPEAKER BOX(L) ASS'Y LP60-030F THERMAL RESISTOR 1 1/2W CARBON FILM RESISTOR 6.8 2W F NON-POLARITG ELEC.CAP.3.3u 100V M SNP SPEAKER CLAMP DJ-270B 57X57 22LINK WIRE 2P 250 (RED BLACK)

FACTORY PARTLIST

22 CONNECT WIRE 2P 170 RED BLACK
 ANTIMAGNETIC SPEAKER 4 1/2"4Ω50W
 RIBBON TWEETER SPEAKER RT-2 8Ω GOLD
 MCD700 METAL GRILL FIXER
 MCD708 SPEAKER BOX FRONT PANEL
 \$LF MCD716 SPEAKER PANEL ABST100 HIGH-BL
 MCD708 PLASTIC GRILLE COVER
 MCD700 TWEETER DECORATIVE RING(SILVER)
 MCD708 TWEETER FRONT-CAB ABS BLACK
 MCD708 BOTTOM CAB. ABS BLACK
 MCD700 RUBBER FOOT Φ12X8X7 BLACK
 MCD700 GRILLE FIXER Φ6X6 GRAY
 MCD716 WOODEN BOX 160X270X180
 MCD716/12 SPEAKER BOX BACK LABEL 40X27
 SCREW 3.5 X 12 FA Φ6.5 BLACK
 SCREW 3 X 14 BT BLACK
 SCREW 4X16 FA BLACK
 SOCKE HEAD SCREW 2.6 X 4HM NICKEL-PLATE
 SCREW 2.6 X 8 BA BLACK
 TISSUE PIECE 1020X160X0.75
 POLY BAG(PE) 55X39cm PHILIPS
MCD716/12 SURROUND SPEAKER BOX ASS'Y(R)
 THERMAL RESISTOR 1 1/2W
 CARBON FILM RESISTOR 6.8 2W F
 SPEAKER SOCKET DJ-270B 57X57
 22LINE 2P 250 (RED BLACK)
 22 CONNECT WIRE 2P 170 RED BLACK
 ANTIMAGNETIC SPEAKER 4 1/2"4Ω50W
 RIBBON TWEETER SPEAKER RT-2 8Ω GOLD
 MCD700 METAL GRILL FIXER
 MCD708 SPEAKER BOX FRONT PANEL
 MCD716 SPEAKER PANEL ABST100 HIGH-BL
 MCD708 PLASTIC GRILLE COVER
 MCD700 TWEETER DECORATIVE RING(SILVER)
 MCD708 TWEETER FRONT-CAB ABS BLACK
 MCD708 BOTTOM CAB. ABS BLACK
 MCD700 RUBBER FOOT Φ12X8X7BLACK
 MCD700 GRILLE FIXER Φ6X6 GRAY
 MCD716 WOODEN BOX 160X270X180
 MCD716/12 SPEAKER BOX BACK LABEL 40X27
 SCREW 3.5 X 12 FA Φ6.5 BLACK
 SCREW 3 X 14 BT BLACK
 SCREW 4X16 FA BLACK
 SOCKE HEAD SCREW 2.6 X 4HM NICKEL-PLATE
 SCREW 2.6 X 8 BA BLACK
 NON-POLARITG ELEC.CAP.3.3u 100V M SNP
 TISSUE PIECE 1020X160X0.75
 POLYBAG(PE) 55X39cm PHILIPS
MCD716/12 ACCESSORY PARTS ASS'Y
 MCD716/12POS BILLBOARD
 PH MCD716/12 QUICK START GUID ENGLISH
 PH MCD716/12 QUICK START GUID SPAISH
 PH MCD716/12 QUICK START HOLLAND/ITALY
 I.M. PH MCD716/12-A
 I.M. PH MCD716/12-B
 PH 9965 100 07956 WARRANTY CARD
 △POWER CORD 1.8M VDE
 21PINS CONNECTION CABLE 1.5M
 AV WIRE 1.5m 3P RED WHI. YEL.
 SINGLE WIRE 1.5m#BLACK FM ANT
 WIRE 250 2.5/18PX2
 AAA BATTERY 1.5V PHILIPS
 SPEAKER WIRE 3M

FACTORY PARTLIST

MCD716/12 PACKING PARTS ASS'Y

POLYBAG(PE) 24X18cm
 POLY BAG(PE) 27X10cm(PH)
 POLYBAG(PE) 33X22cm
 TISSUE BLOW MOLDING 33X32cm
 PH MCD716/12 GIFT BOX
 MCD716/12 GIFT BOX LABEL91X111
 PASSED LABEL Φ 13
 MCD716/12 DVD UNIT MAIN LABEL 59.5X44.5
 MCD716/12 AMP UNIT MAIN LABEL 59.5X44.5
 DESIGNED PH 43X11
 Dolby LABEL PH 59.5X13
 DIVX LABEL 52X12
 LASER WARNING LABEL PH Φ 15 BLACK
 DVD REGION CODE LABEL FOR 12 VERSION
 WARRANTY LABEL PH Vigyazt 59X15
 WARRANTY CARD LABEL PH UWAGA 52X13
 WARRANTY CARD LABEL POZOR 52X13
 WARRANTY LABEL Chrante PH 59X13
 MCD708 MCD708(98,96,61,55,12)POLYFOAM

MCD716/12 REMOTE CONTROL ASS'Y PRC501-18

R1 CHIP RESISTOR 2.2 1/16W J(0805)
 R3 CHIP RESISTOR 680 1/16W J (0805)
 C1 ELECTROLYTIC CAP.47u 10V L 4X7
 D1 INFRARED-EMITTING DIODE Φ 5 1L0534F13A0TC
 Q2 CHIP TRANSISTOR BC817-25(SOT23)
 U1 IC TM58PR11S18C
 REMOTE CONTROL PCB PRC501 195X38
 PRC501 REMOTE CONTROL PANEL(15STYLE)
 PRC502 BOTTOM CAB. (ABS)
 PRC502 REMOTE CONTROL BATTERY COVER(ABS)
 PRC502 REMOTE CONTROL PLATE RING
 PRC502 REMOTE CONTROL LENS(PMMA)
 POLY BAG(PE) 26X7cm(PHILIPS)
 BLACK SPONGE 12X6X5 40°
 PRC501-18 MCD716CONDUCTIVE RUBBER
 PH PRE1 IRON BLOCK 35X26.6X4(BLACK)
 PRC502 REMOTE SPRING (3 in 1)
 REMOTE CONTROL LABEL PRC501-18 35X7.5
 REMOTE CONTROL ADD-ONS LABEL PH 38X18
 PRC501-18 SOFTWARE A(V1.0)

PH MCD705 BRACKET ASS'Y 232X220.5X6

PERSPEX 232X220.5X6 MCD705
 MCD705 RUBBER-FOOT Φ 4X6
 SCREW 5.8X16FA NICKEL-PLATE
 MCD705 BRACKET FOOT SILVER ABS
 MCD705 BRACKET FOOT COVER SILVER ABS
 POLY BAG(PE) 30X25cm