



LCD TV
Service Manual

MODEL: LCT-D10MLST

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IMPORTANT SAFETY PRECAUTION

Electricity is used to perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your LCD colour TV product, please read the following precautions carefully before using the product.

1. Read instructions—All operating instructions must be read and understood before the product is operated.
2. Keep this manual in a safe place—These safety and operating instructions must be kept in a safe place for future reference.
3. Observe warnings—All warnings on the product and in the instructions must be observed closely.
4. Follow instructions—All operating instructions must be followed.
5. Attachments—Do not use attachments not recommended by the manufacturer. Use of inadequate attachments can result in accidents.
6. Power source—This product must operate on a power source specified on the specification label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company.
7. AC cord protection—The AC cords must be routed properly to prevent people from stepping on them or objects from resting on them. Check the cords at the plugs and product.
8. Overloading—Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.
9. Entering of objects and liquids—Never insert an object into the product through vents or openings. High voltage flows in the product, and inserting an object can cause electric shock and/or short internal parts. For the same reason, do not spill water or liquid on the product.
10. Servicing—Do not attempt to service the product yourself. Removing covers can expose you to high voltage and other dangerous conditions. Request a qualified service person to perform servicing.
11. Repair—If any of the following conditions occurs, unplug the AC cord from the AC outlet, and request a qualified service person to perform repairs.
 - a. When the AC cord or plug is damaged.
 - b. When a liquid was spilled on the product or when objects have fallen into the product.
 - c. When the product has been exposed to rain or water.
 - d. When the product does not operate properly as described in the operating instructions.
Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.
 - e. When the product has been dropped or damaged.
 - f. When the product displays an abnormal condition. Any noticeable abnormality in the product indicates that the product needs servicing.
12. Replacement parts—In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.
13. Safety checks—Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.
14. Wall or ceiling mounting—When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.

- **Cleaning**—Unplug the AC cord from the AC outlet before cleaning the product. Use a damp cloth to clean the product. Do not use liquid cleaners or aerosol cleaners.



- **Water and moisture**—Do not use the product near water, such as bathtub, washbasin, kitchen sink, laundry tub, swimming pool and in a wet basement.



- **Do not place vases or any other water-filled containers on this product.** The water may spill onto the product causing fire or electric shock.



- **Stand**—Do not place the product on an unstable cart, stand, tripod or table. Doing so can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.



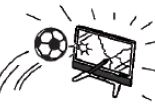
- **When relocating the product** placed on a cart, it must be moved with utmost care. Sudden stops, excessive force and uneven floor surface can cause the product to fall from the cart.



- **Ventilation**—The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.



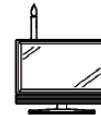
- The LCD panel used in this product is made of glass. Therefore, it can break when the product is struck forcefully or with a sharp object. If the LCD panel is broken, be careful not to be injured by broken glass.



- **Heat sources**—Keep the product away from heat sources such as radiators, heaters, stoves and other heat-generating products (including amplifiers).



- **To prevent fire, never place any type of candle or naked flames on the top or near the TV set.**



- **To prevent fire or shock hazard, do not place the AC power cord under the TV set or other heavy items.**



- **Do not place heavy objects on this product or stand on it.** Doing so could cause injury if the product overturns. Take special care near children and pets.



The LCD panel is a very high technology product with 1,555,200 thin film transistors, giving you fine picture details. Due to the very large number of pixels, occasionally a few non-active pixels may appear on the screen as a fixed point of blue, green or red. This is within product specifications and does not constitute a fault.

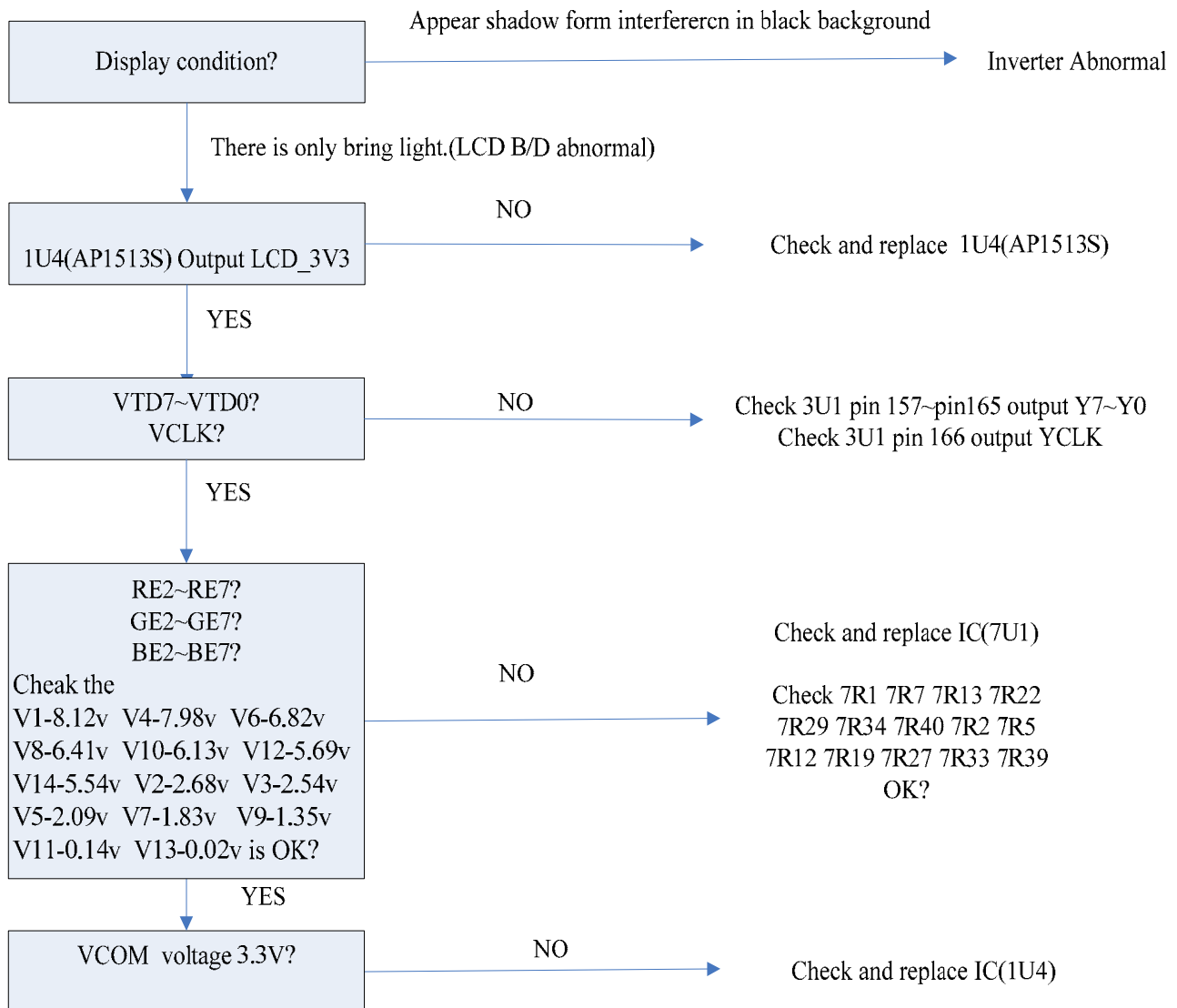
Precautions when transporting the TV

When transporting the TV, never carry it by holding onto the speakers. Be sure to always carry the TV by two people holding it with two hands—one hand on each side of the TV.

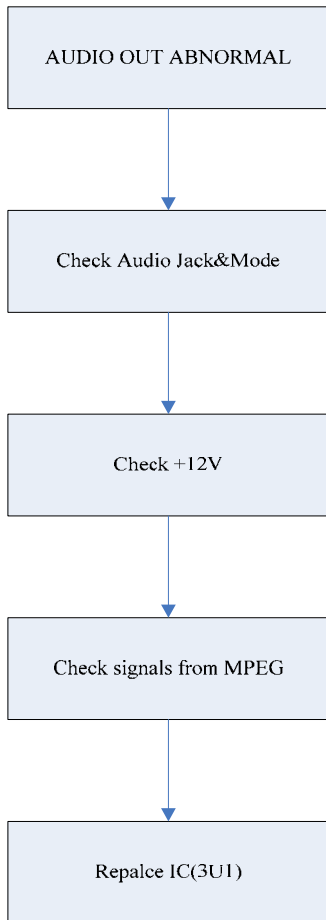


- **Do not display a still picture for a long time, as this could cause an afterimage to remain.**

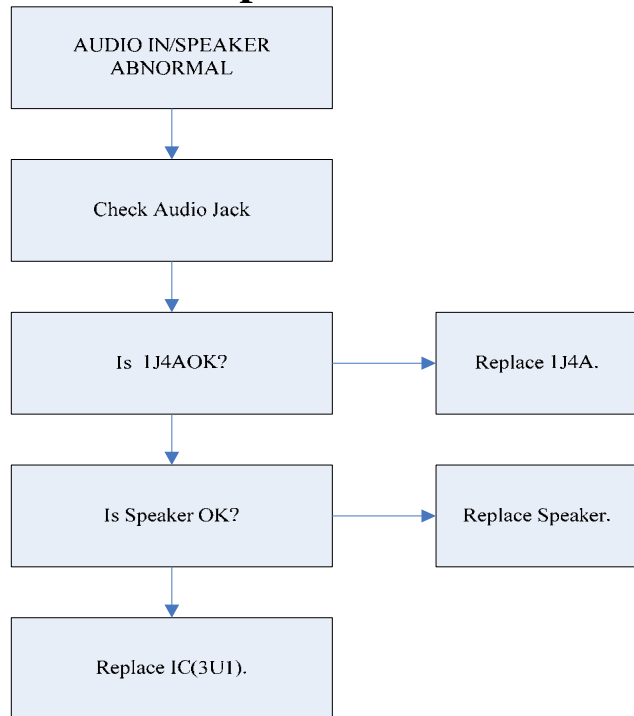
ELECTRICAL ELECTRICAL TROUBLE SHOOTING GUIDE



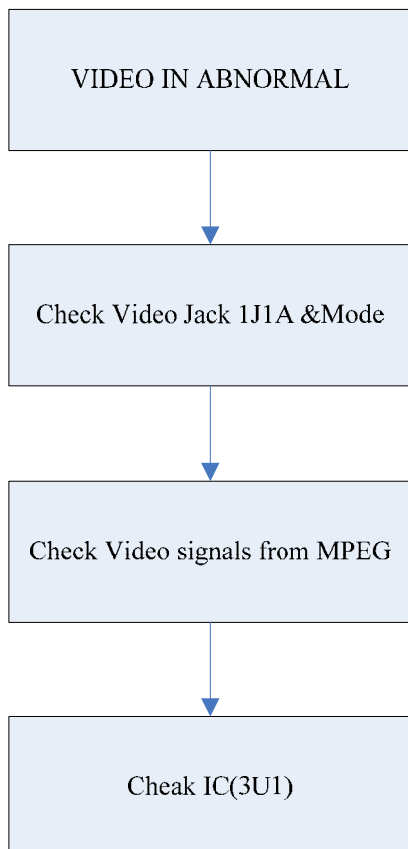
Audio Out abnormal



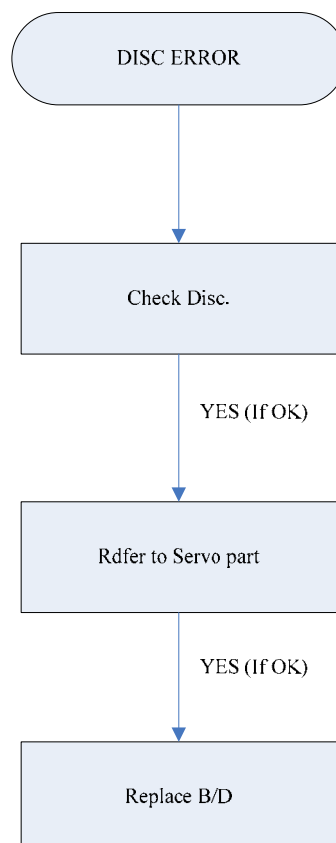
Audio In/Speaker abnormal

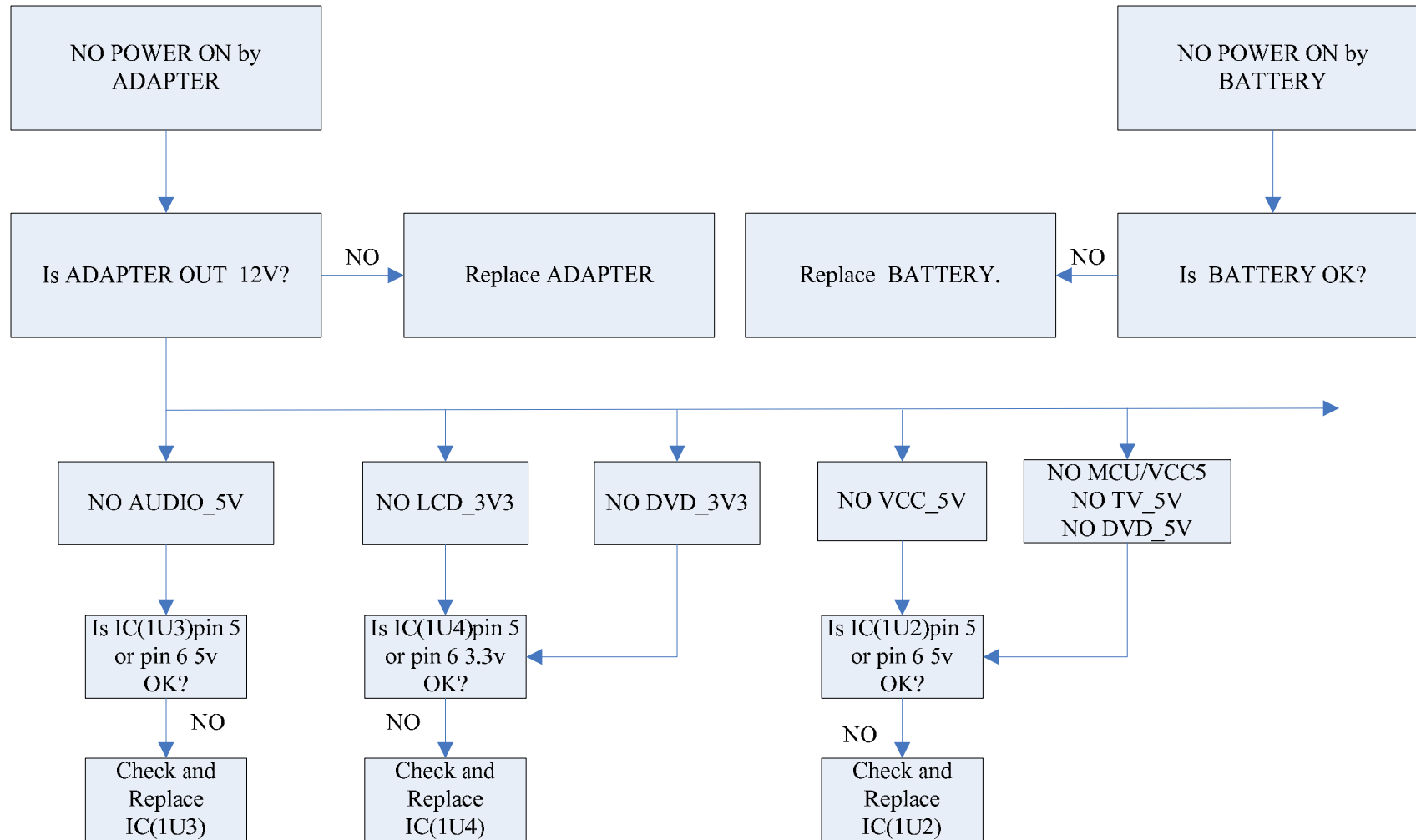


Video Out abnormal

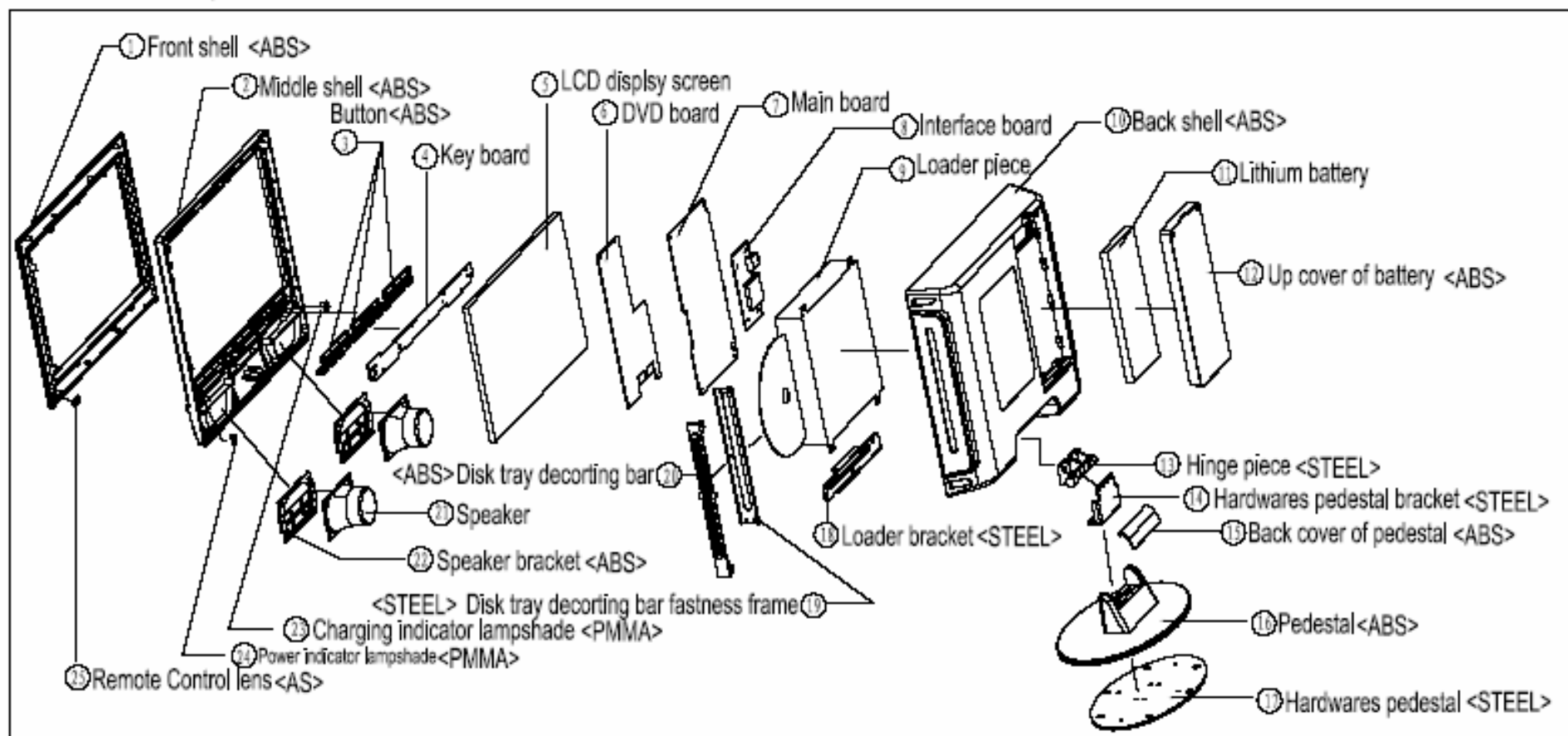


Picture abnormal



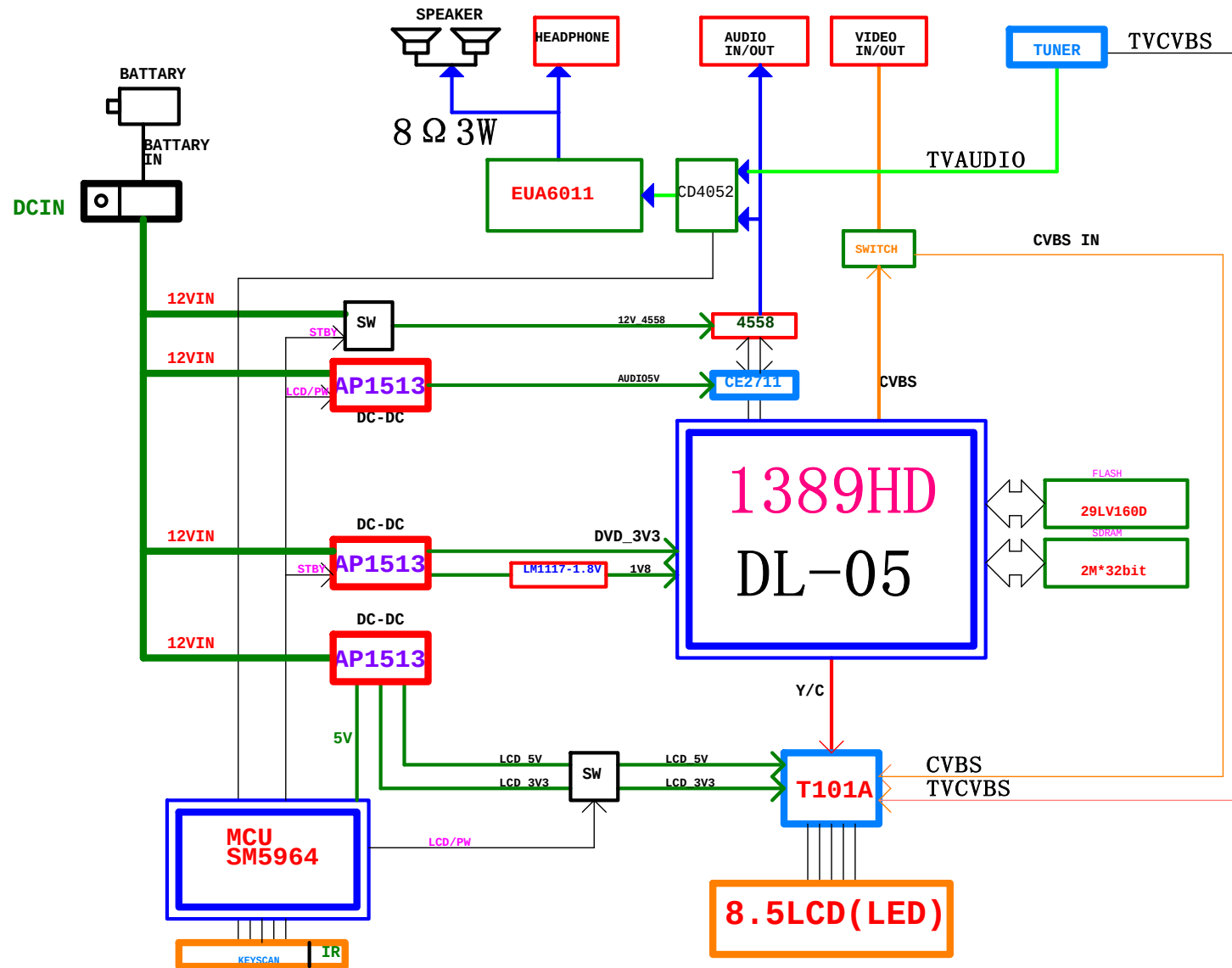


PDC-61001 Exploded view



BLACK DIAGRAM

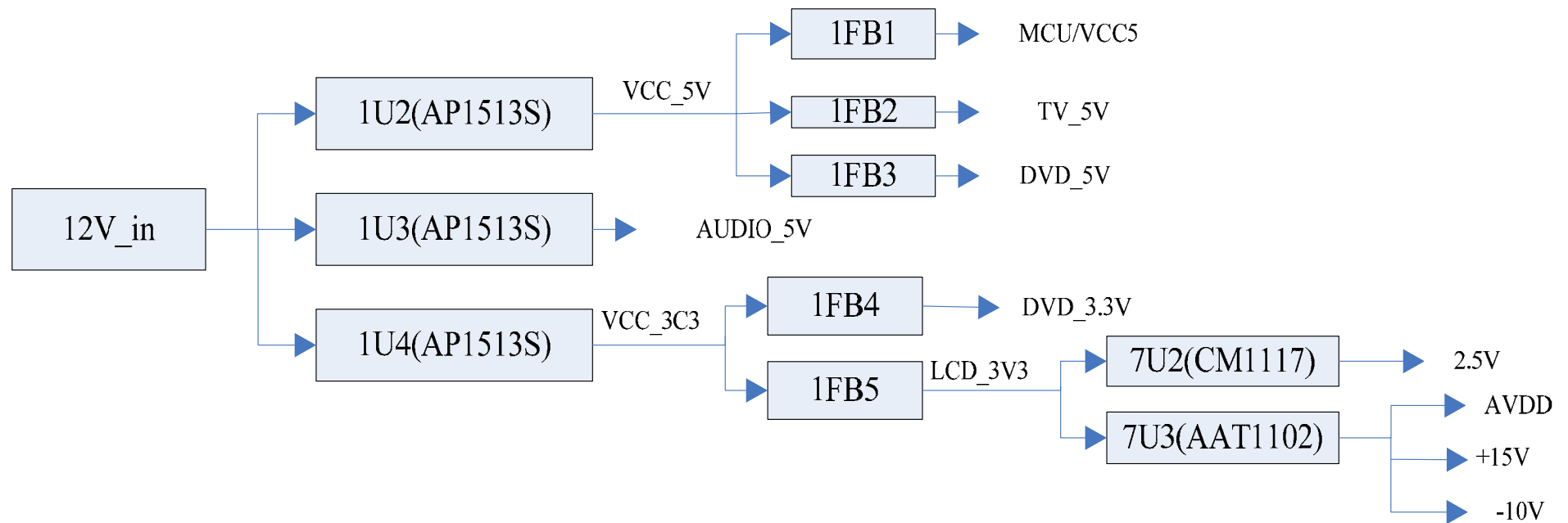
OVERALL BLACK DIAGRAM



PDC-68001

- 1, battery 3300mA/h
- 2, MTK1389HD
- 3, DAC CS4334
- 4, DC-DC AP1513
- 5, LCD drive is T101A
- 6, video switch is FSAV300
- 7, TDA1517P for stereo speaker
- 8, 16M flash&64M SDRAM
- 9, SM5964 as the MCU

POWER (DC-DC CONVERTER) BLOCK DIAGRAM

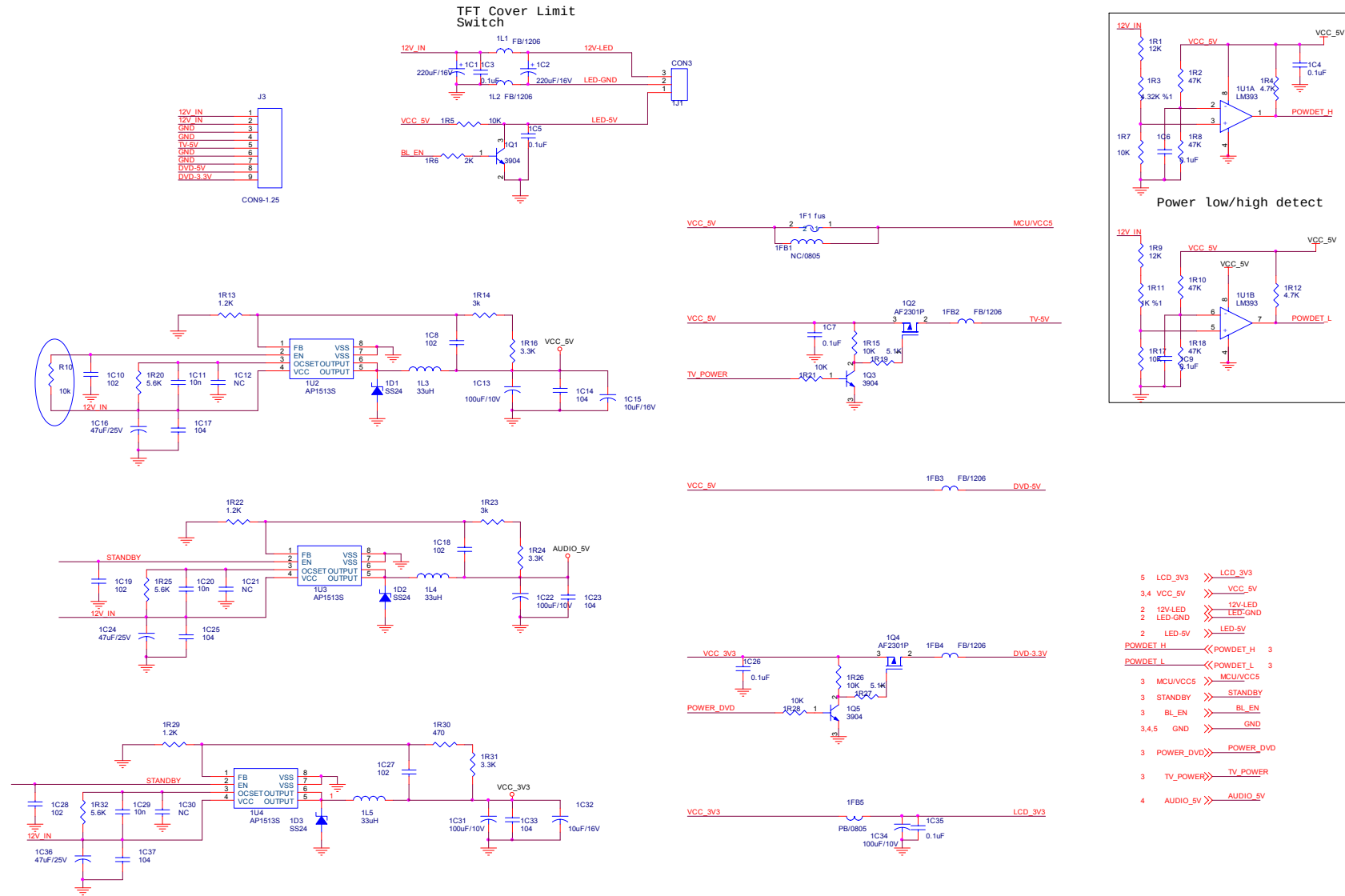


APPENDIX

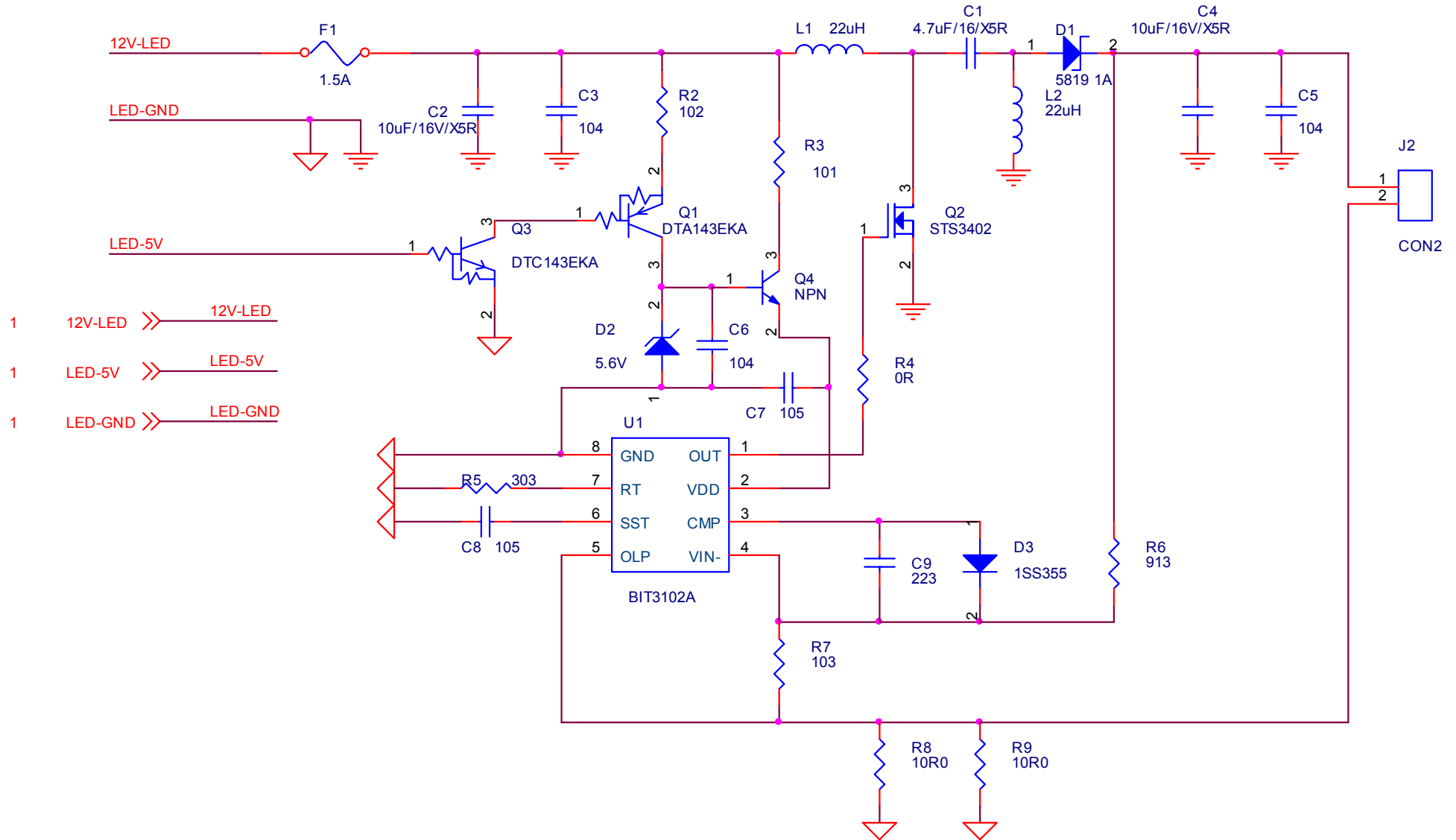
CIRCUIT DIAGRAMS

MAIN BOARD

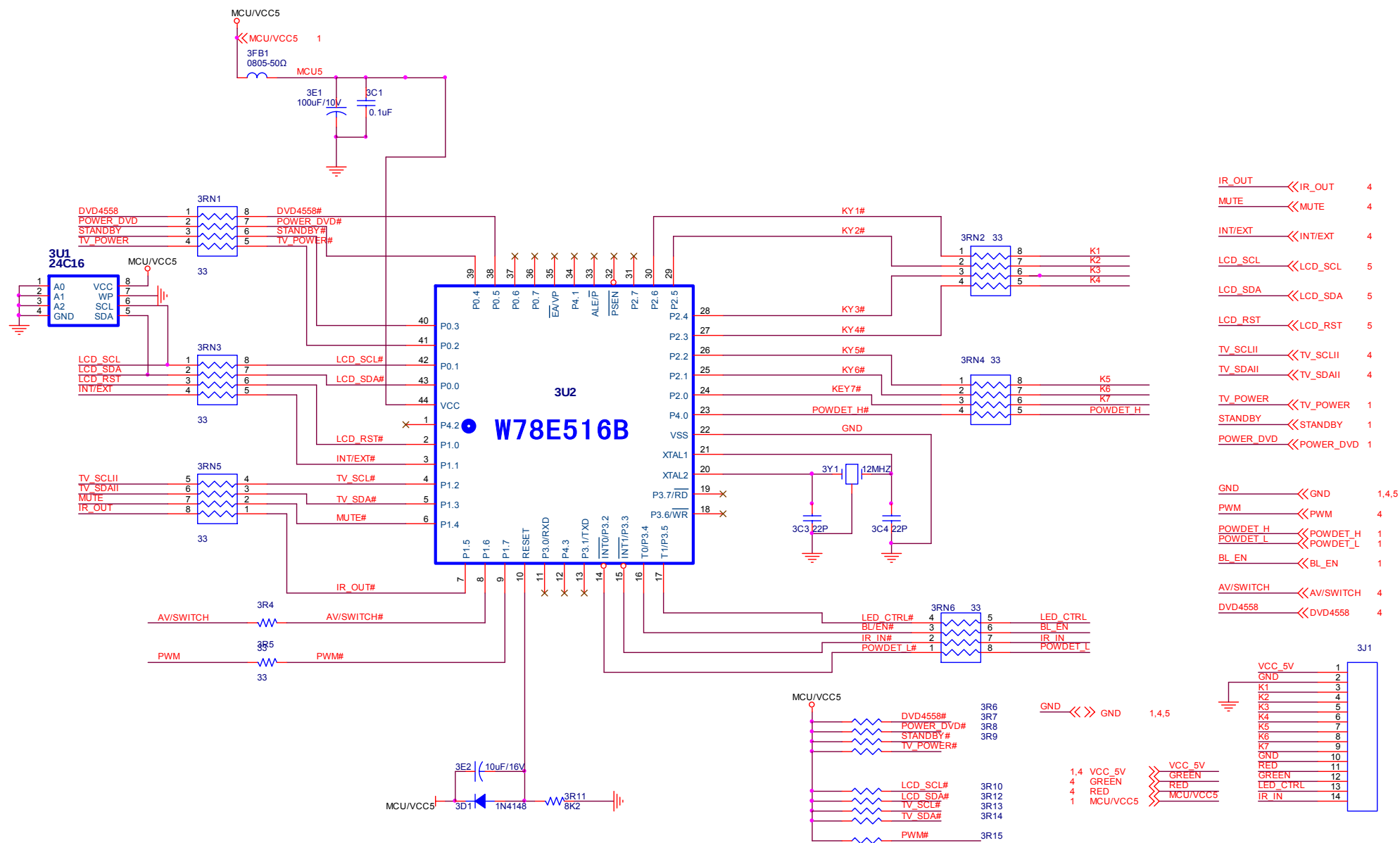
1. Power



2. Inverter

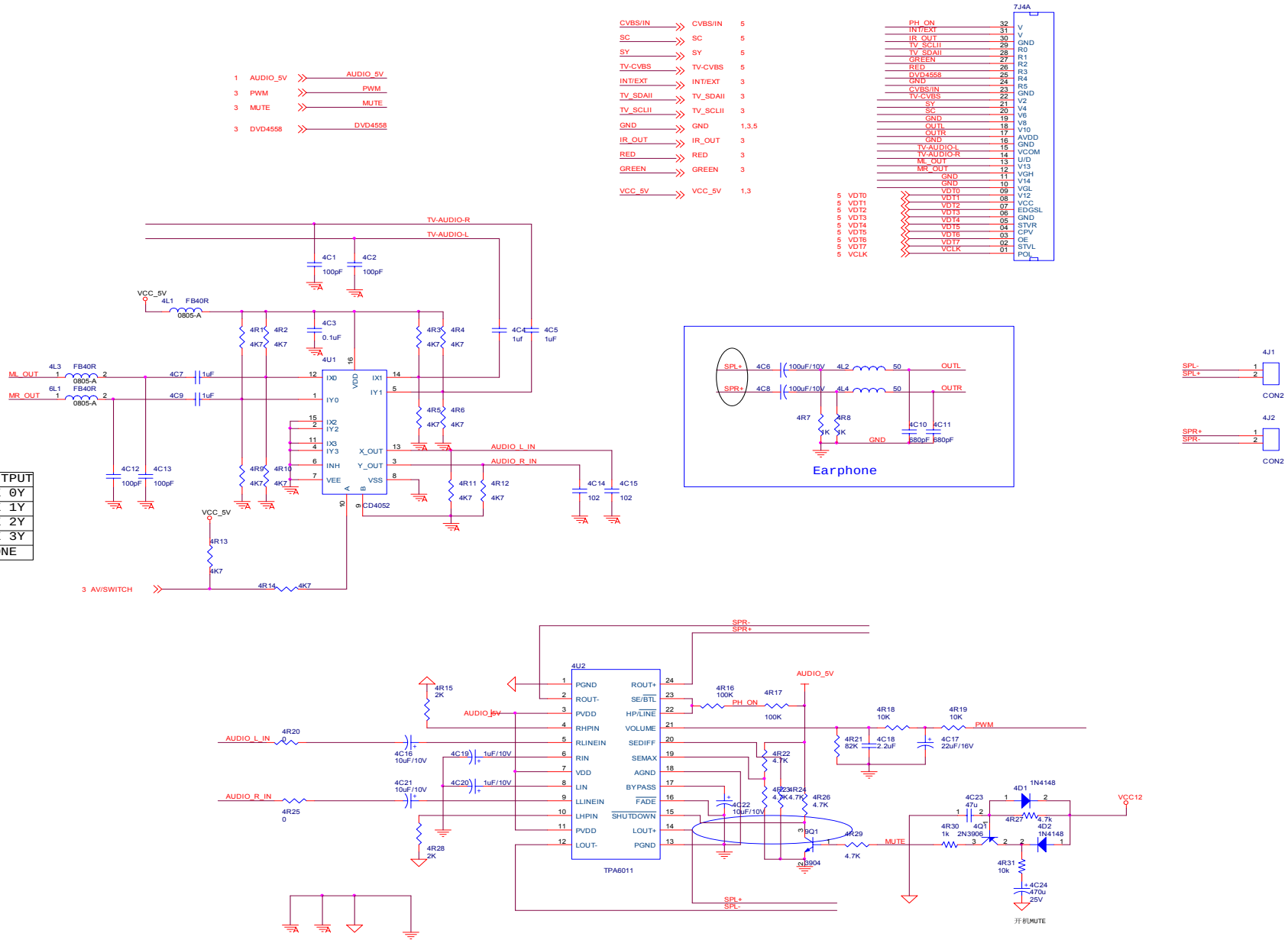


3. MCU

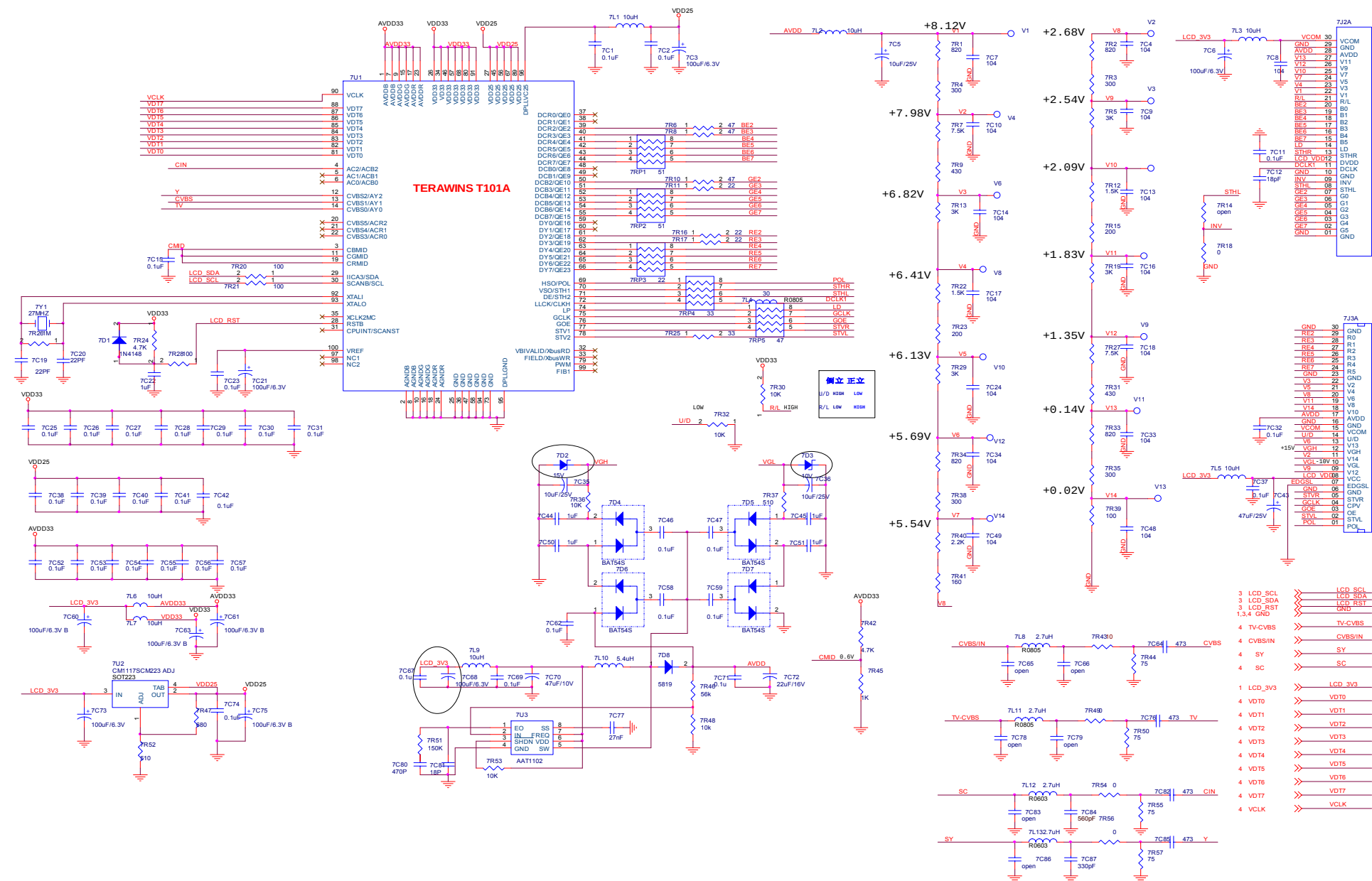


4. AUDIO

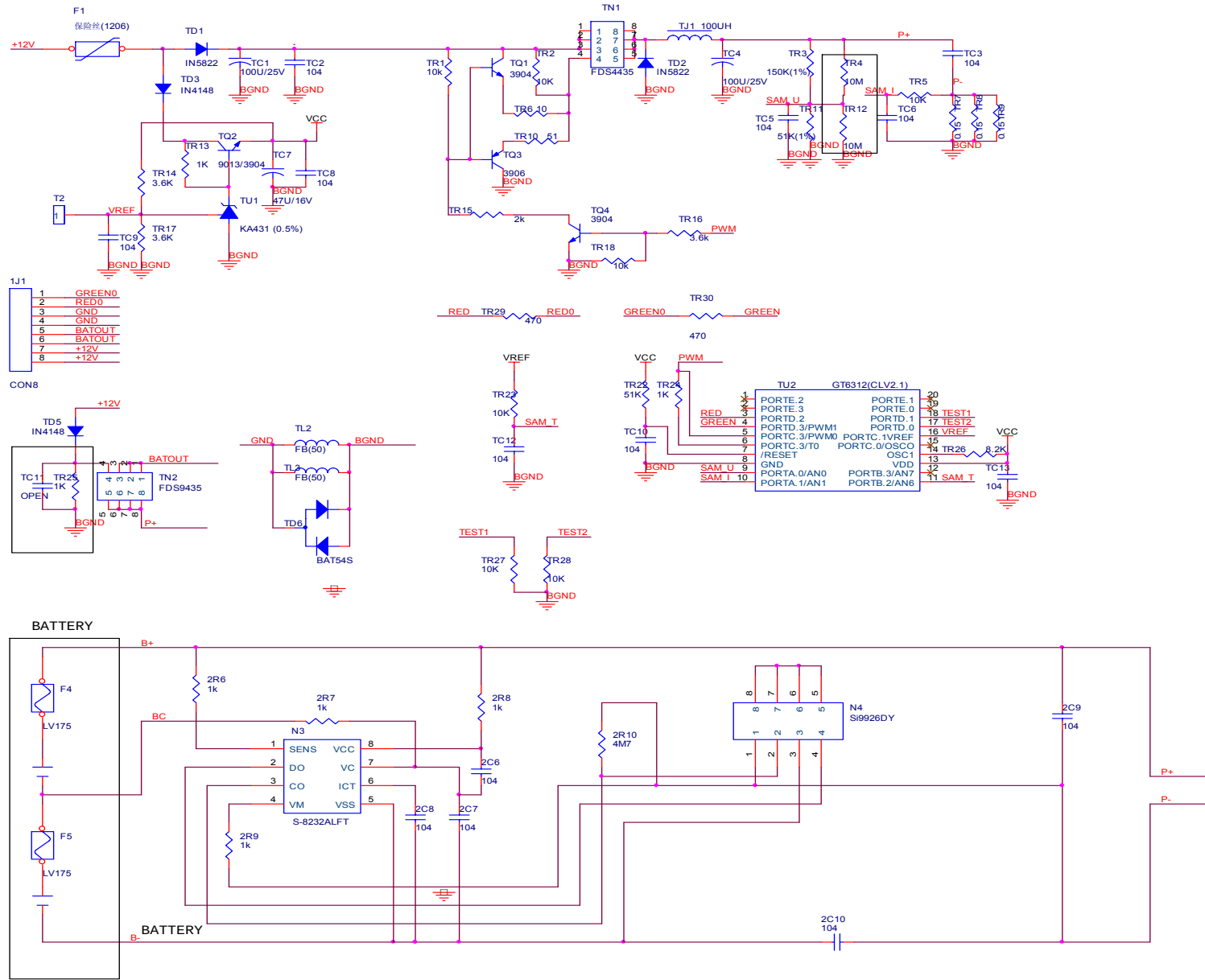
INH	B	A	OUTPUT
0	0	0	0X 0Y
0	0	1	1X 1Y
0	1	0	2X 2Y
0	1	1	3X 3Y
1	*	*	NONE



5. T101A

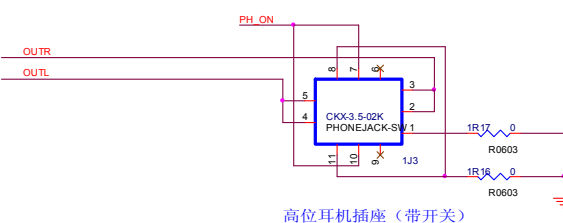
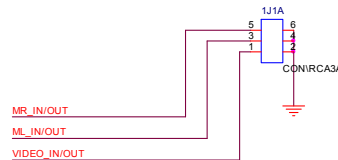
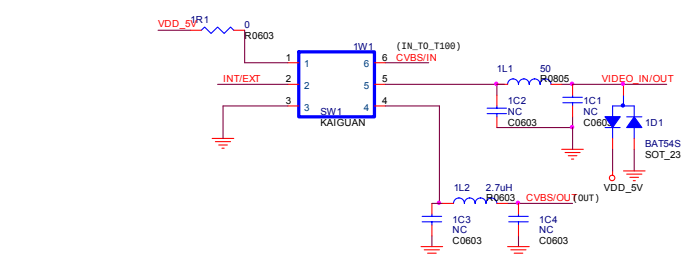


CHARGING CIRCUIT DIAGRAMS



DVD CIRCUIT DIAGRAMS

1. Tuner



耳机-喇叭切换

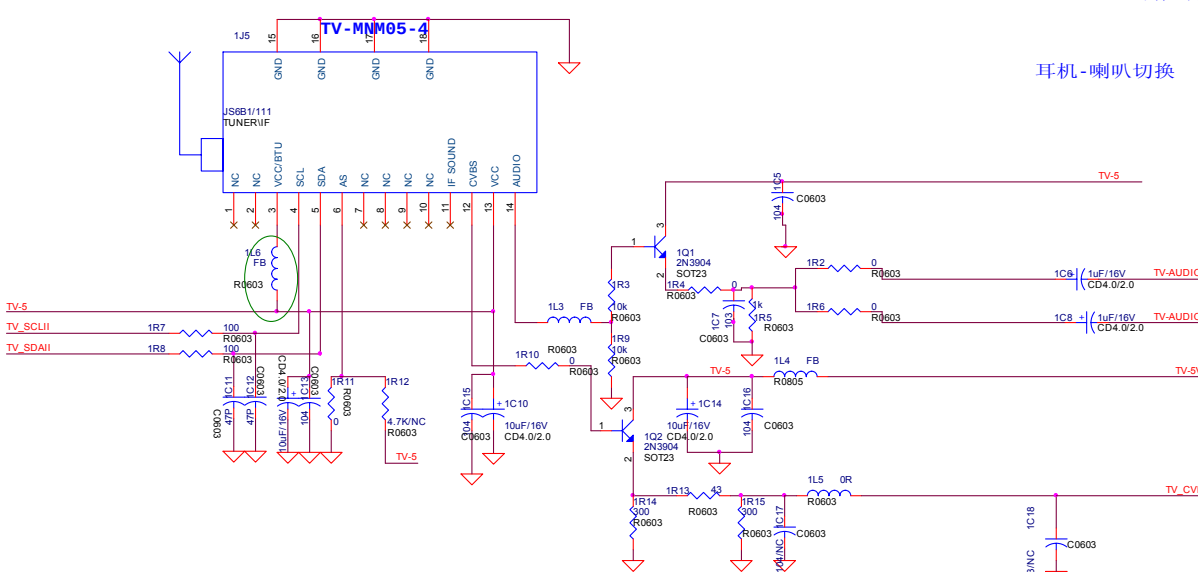
YCLK	32	32
Y7	31	31
Y6	30	30
Y5	29	29
Y4	28	28
Y3	27	27
Y2	26	26
Y1	25	25
Y0	24	24
GND	23	23
GND	22	22
MR_OUT	21	21
ML_OUT	20	20
TV-AUDIO-R	19	19
TV-AUDIO-L	18	18
GND	17	17
OUTR	16	16
OUTL	15	15
AGND	14	14
AGND	13	13
TV-CVBS	12	12
TV-CVBSIN	11	11
GND	10	10
DVD4558	09	09
RED	08	08
GREEN	07	07
TV_SDAI	06	06
TV_SCLII	05	05
IR_OUT	04	04
INT/EXT	03	03
PH_ON	02	02
	01	01

MR_OUT	MR_OUT	6
ML_OUT	ML_OUT	6
MR_IN/OUT	MR_IN/OUT	6
ML_IN/OUT	ML_IN/OUT	6

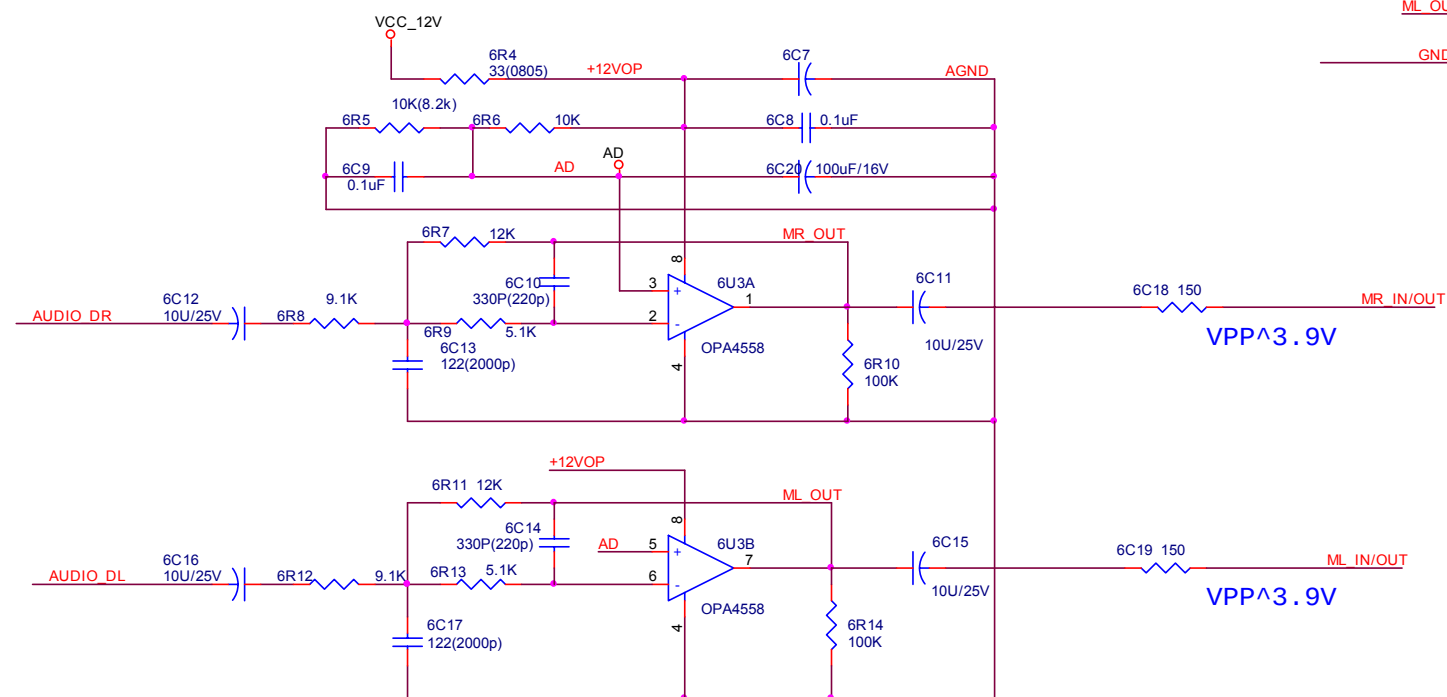
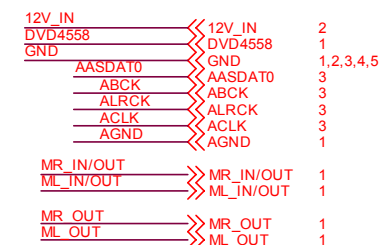
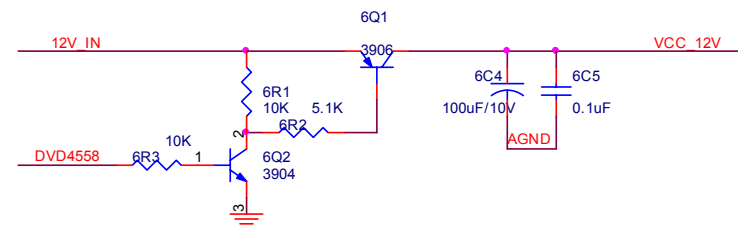
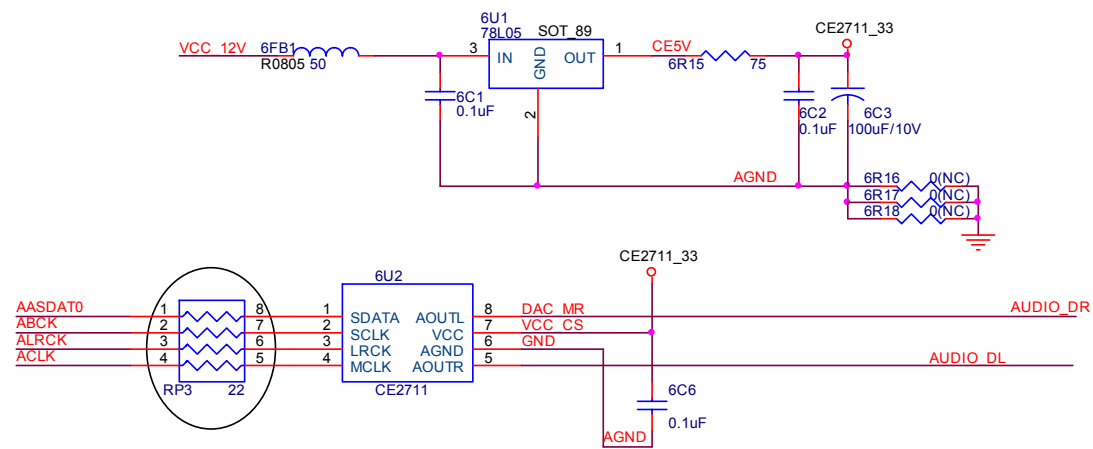
DVD4558	DVD4558	6
TV CVBS	TV CVBS	6
IR_OUT	IR_OUT	2
GREEN	GREEN	3
RED	RED	2
VDD_5V	VDD_5V	2
TV-5V	TV-5V	2
GND	GND	2,3,4,5,6
CVBS/OUT	CVBS/OUT	5
TV-CVBS	TV-CVBS	5

YCLK	YCLK	3
Y7	Y7	3
Y6	Y6	3
Y5	Y5	3
Y4	Y4	3
Y3	Y3	3
Y2	Y2	3
Y1	Y1	3
Y0	Y0	3

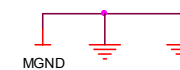
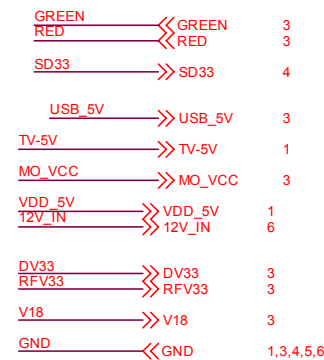
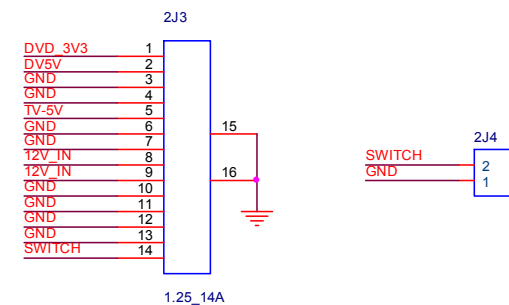
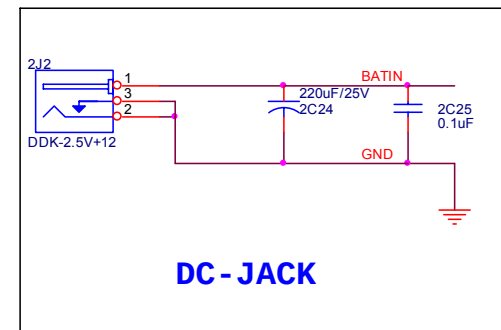
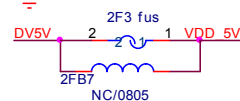
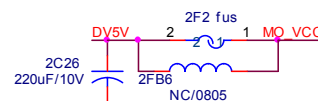
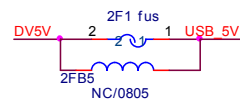
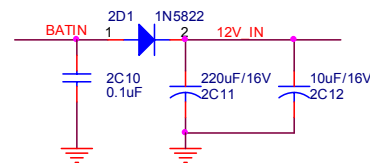
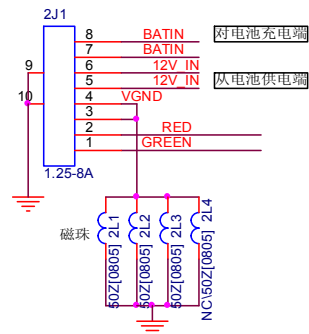
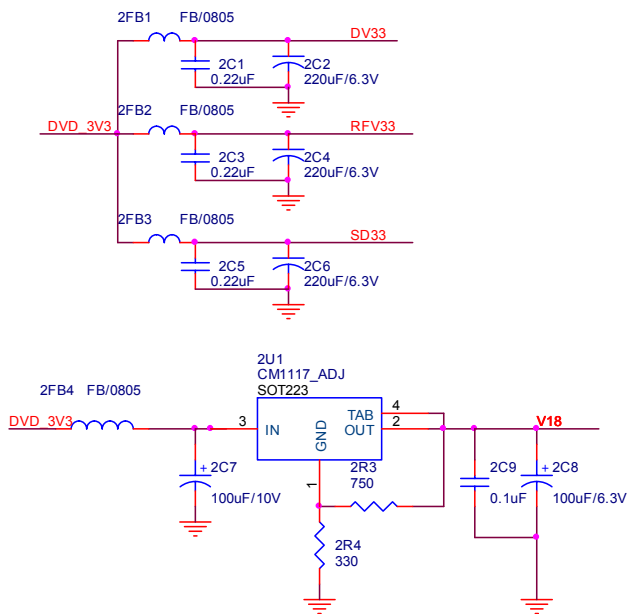
GND	GND	2,3,4,5,6
AGND	AGND	6

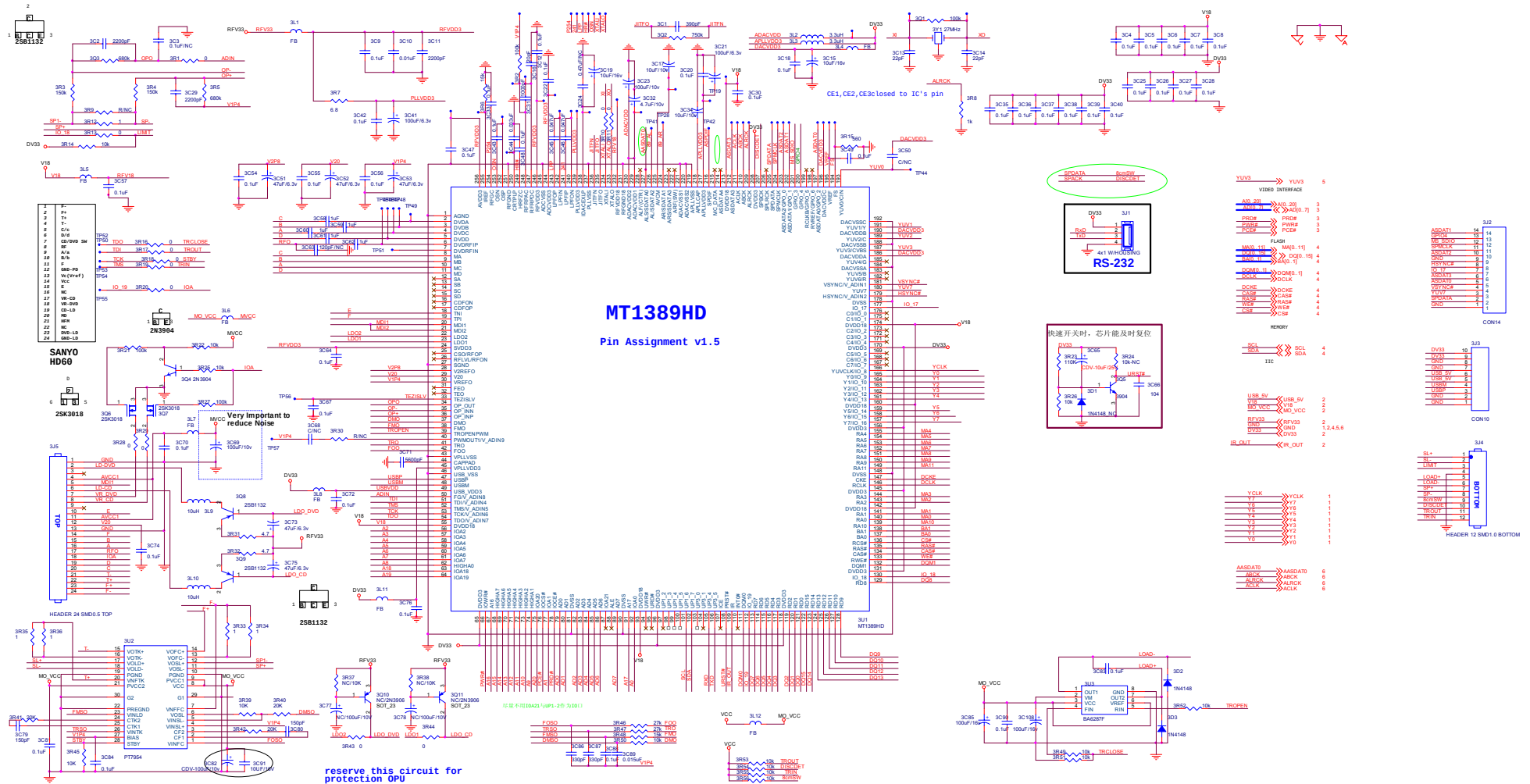


5. Audio

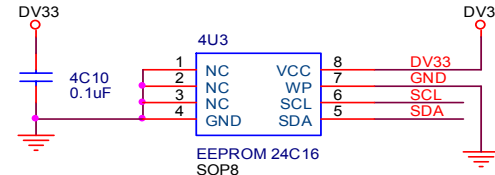
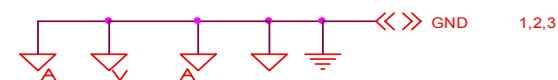
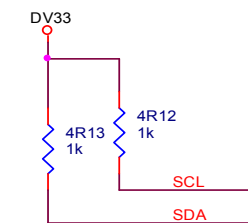
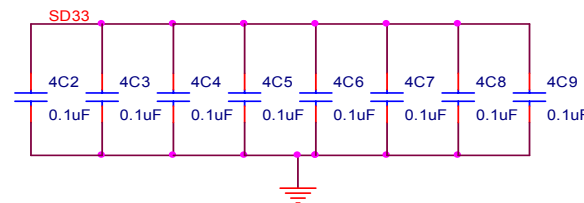
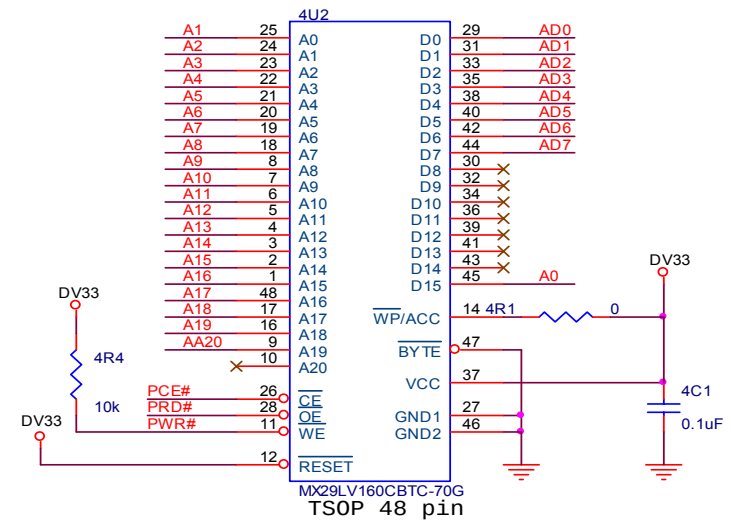
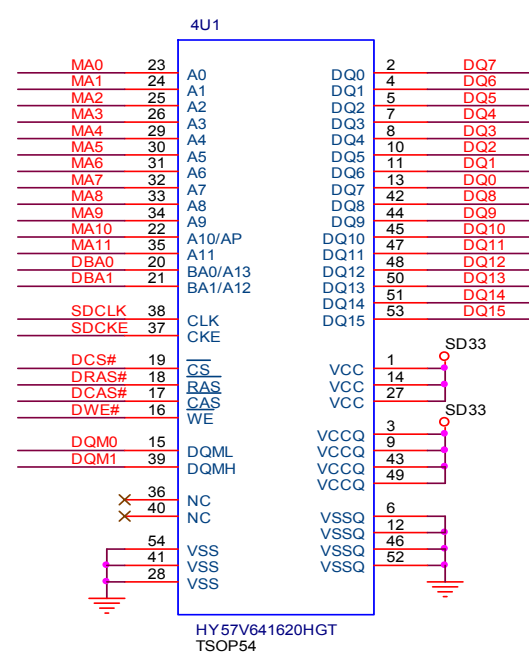
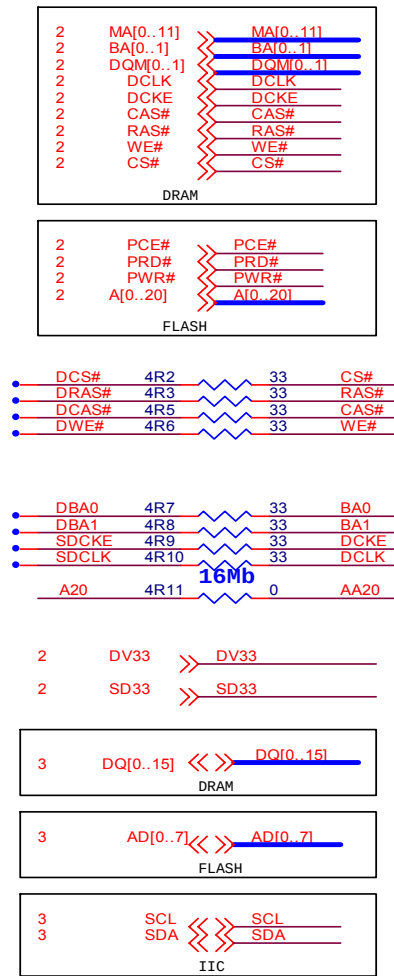


2. Power





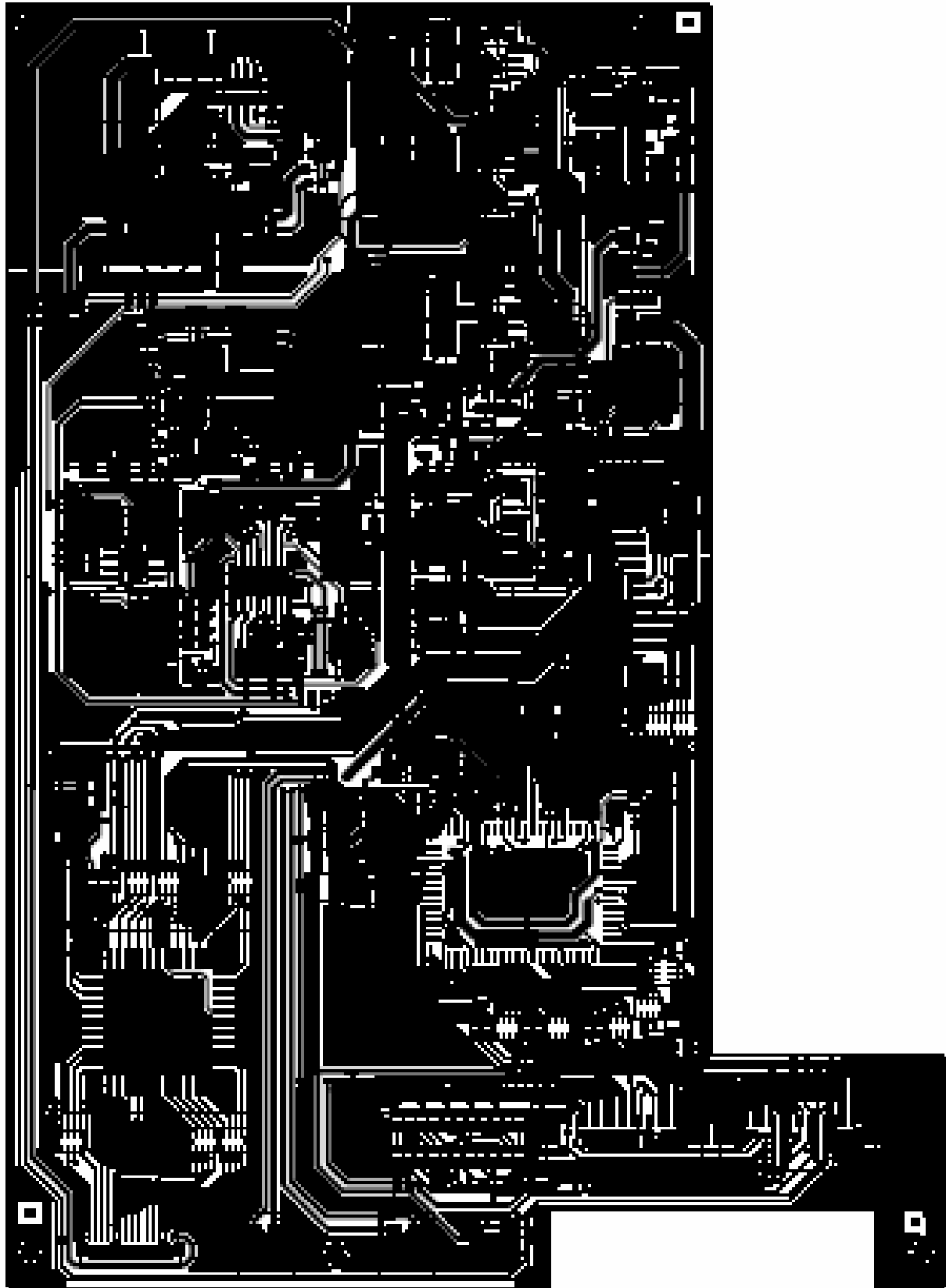
4. Flash



PRINTED CIRCUIT DIAGRAMS

1. MAIN P.C. BOARD

A.TOP LAYER

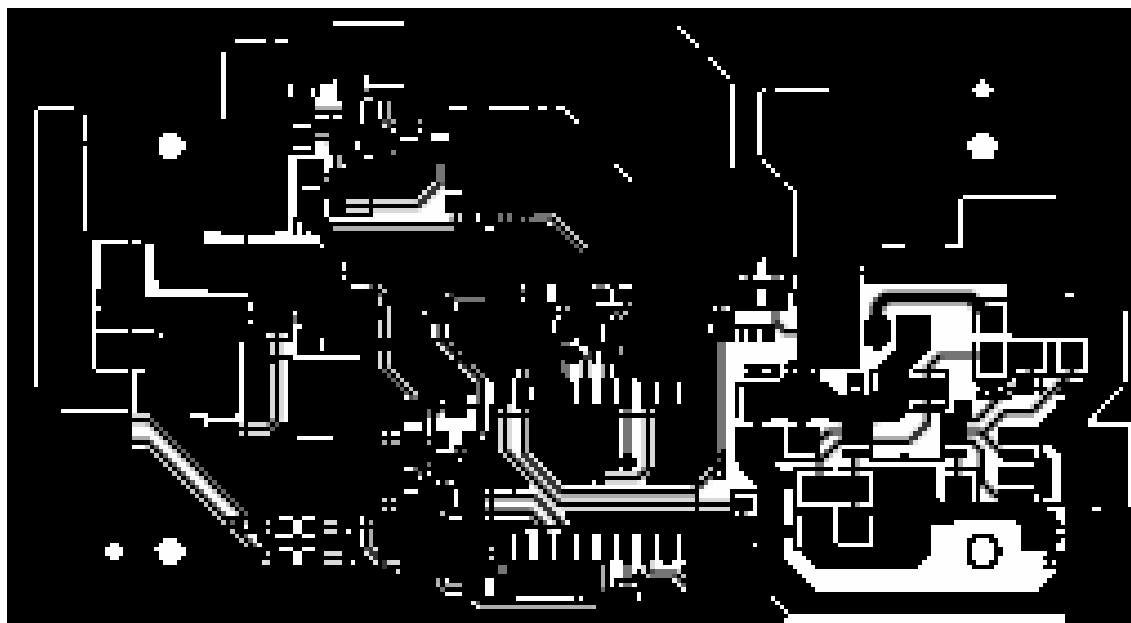


B.BOTTOM LAYER

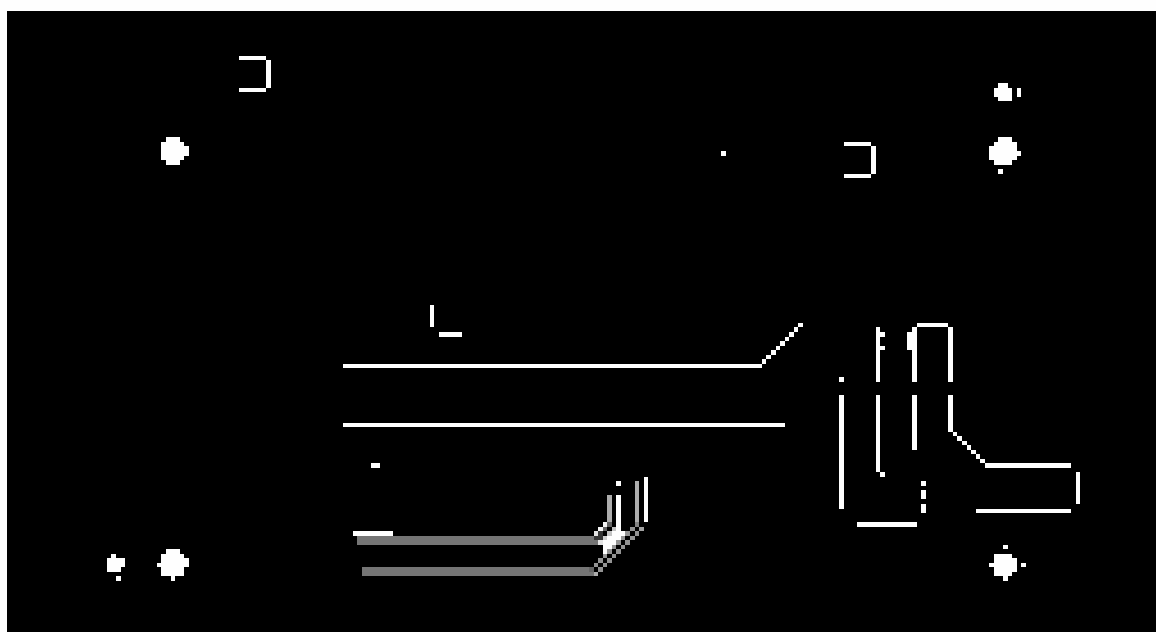


2. CHARGING P.C. BOARD

A. TOP LAYER

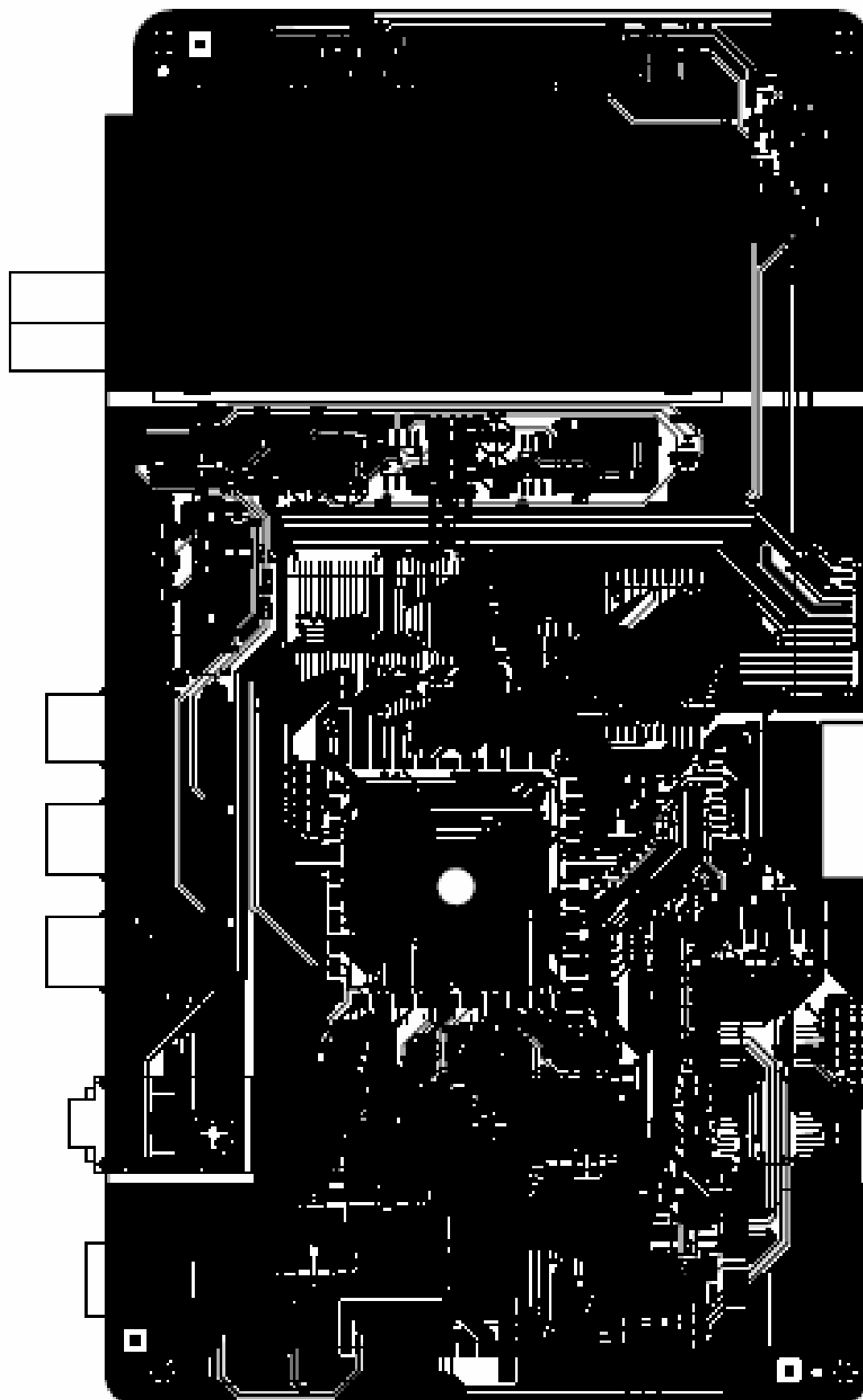


B. BOTTOM LAYER

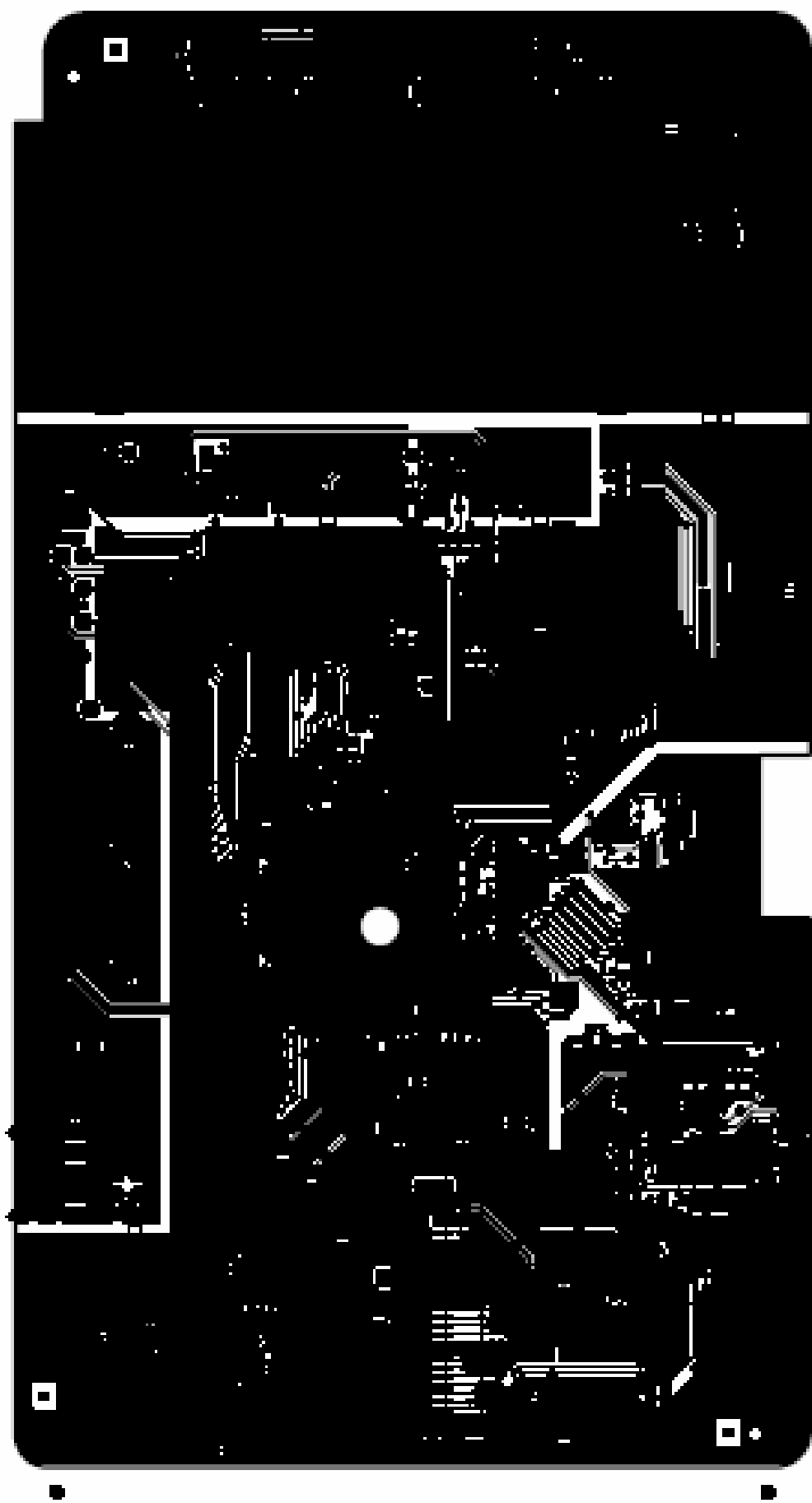


3. DVD P.C. BOARD

A. TOP LAYER



B. BOTTOM LAYER



REPLACEMENT PART LIST

Bom No	Part No	Part Name	QTY	
PDC06K-3440C01	02.15.PDC06K3440C01	key board	1	
Part No	Name	Specification	QTY	LOCA No
01.57.R.2.E000J	SMD resistor	0603-0Ω ±5%	1	8R6
01.57.R.2.E101J	SMD resistor	0603-100Ω±5%	1	8R3
01.57.R.2.E471J	SMD resistor	0603-470Ω±5%	1	8R2
01.57.R.2.E472J	SMD resistor	0603-4.7KΩ±5%	1	8R1
01.57.R.2.E103J	SMD resistor	0603-10KΩ±5%	1	8R5
01.54.CS.2.E200N50V	SMD capacitor	0603-20P NPO±5%/50V	1	8C1
01.54.CS.2.E104Y50V	SMD capacitor	0603-104Y5V-20+80%/50V	1	8C3
01.33.CT.EB47U10V	SMD tantalum capacitor	T491B476K010AT	1	8C2
01.41.D.FD.E3R	Radiation diode	φ3	1	8D1
01.41.D.FD.E3RG	Radiation diode	φ3	1	8D2
01.42.Q.S.E2N3904	Audion	2N3904 SMD	1	8Q1
01.44.IC.D.E538CB5100	IC	HRM538CB5100 DIP	1	8J3
01.39.SW.QC.ESKFC	SMD touch switch	KFC-2TP030D(6*6*3.1)200g ±20%	12	8K1 8K2 8K3 8K4 8K5 8K6 8K7 8K8 8K9 8K10 8K11 8K12
01.40.CON.S08.E003	SMD jack	0.8-14A	1	8J2
01.37.PCB.2.E3440C2	Circuit board	key board3440C-V2.0	1	
Bom No	Part No	Part Name	QTY	
PDC06I-3400C01	02.14.PDC06I3400C01	Interface board	1	
Part No	Name	Specification	QTY	LOCA No
01.57.R.2.E000J	SMD resistor	0603-0Ω ±5%	3	R1 R2 R3
01.57.R.2.E330J	SMD resistor	0603-33Ω±5%	2	R5 R7
01.57.R.2.E103J	SMD resistor	0603-10KΩ±5%	6	R4 R6 R8 R10 R12 R13
01.57.R.2.E153J	SMD resistor	0603-15KΩ±5%	2	R9 R11
01.13.L.L.S.E007	SMD inductor	0805-10UH	1	FB1
01.54.CS.2.E104Y50V	SMD capacitor	0603-104Y5V-20+80%/50V	4	C1 C2 C5 C6
01.34.CL.D.E10U25VA	Electrolyse capacitor	CDV-10UF/25V 4*5	1	C3
01.34.CL.D.E100U6V3A	Electrolyse capacitor	CDV-100UF/6.3V 5*5	1	C4
01.40.CON.DCZ.E279	Card seat	R009-020-LR (3IN1_CARD) SMD	1	J1
01.40.CON.S10.AY.E002	SMD jack	1.0-10A(lie paste)	1	J2
01.40.CON.S10.AY.E005	SMD jack	1.0-14A(lie paste)	1	J3
01.40.CON.DCZ.E117	USB jack	USB-2	1	USB1
01.37.PCB.2.E3400C2	Circuit board	interface board3400C-V2.0	1	
Bom No	Part No	Part Name	QTY	
PDC06M-3399C01	02.11.PDC06M3399C01	Main board	1	
Part No	Name	Specification	QTY	LOCA No
01.57.R.2.E000J	SMD resistor	0603-0Ω ±5%	6	4R20 4R25 7R18 7R49 4R33 7R43

01.57.R.2.E220J	SMD resistor	0603-22Ω±5%	3	7R11 7R16 7R17
01.57.R.2.E330J	SMD resistor	0603-33Ω±5%	3	3R4 3R5 7R25
01.57.R.2.E470J	SMD resistor	0603-47Ω±5%	3	7R6 7R8 7R10
01.57.R.2.E750J	SMD resistor	0603-75Ω±5%	1	17R50
01.57.R.2.E101J	SMD resistor	0603-100Ω±5%	6	7R20 7R21 7R28 7R39 7R58 7R44
01.57.R.2.E151J	SMD resistor	0603-150Ω±5%	1	7R55
01.57.R.2.E161J	SMD resistor	0603-160Ω±5%	1	7R41
01.57.R.2.E201J	SMD resistor	0603-200Ω±5%	2	7R15 7R23
01.57.R.2.E301J	SMD resistor	0603-300Ω±5%	4	7R3 7R4 7R35 7R38
01.57.R.2.E431J	SMD resistor	0603-430Ω±5%	2	7R31 7R9
01.57.R.2.E471J	SMD resistor	0603-470Ω±5%	1	1R30
01.57.R.2.E511J	SMD resistor	0603-510Ω±5%	2	7R37 7R52
01.57.R.2.E681J	SMD resistor	0603-680Ω±5%	1	7R47
01.57.R.2.E821J	SMD resistor	0603-820Ω±5%	4	7R1 7R2 7R33 7R34
01.57.R.2.E102F	SMD resistor	0603-1KΩ±1%	1	1R11
01.57.R.2.E102J	SMD resistor	0603-1KΩ±5%	4	4R7 4R8 4R30 7R45
01.57.R.2.E122J	SMD resistor	0603-1.2KΩ±5%	3	1R13 1R22 1R29
01.57.R.2.E152J	SMD resistor	0603-1.5KΩ±5%	2	7R12 7R22
01.57.R.2.E202J	SMD resistor	0603-2KΩ±5%	1	1R6
01.57.R.2.E222J	SMD resistor	0603-2.2KΩ±5%	1	7R40
01.57.R.2.E302J	SMD resistor	0603-3KΩ±5%	6	7R5 1R14 1R23 7R13 7R19 7R29
01.57.R.2.E332J	SMD resistor	0603-3.3KΩ±5%	3	1R16 1R24 1R31
01.57.R.2.E4322F	SMD resistor	0603-4.32KΩ 1%	1	1R3
01.57.R.2.E472J	SMD resistor	0603-4.7KΩ±5%	21	1R4 1R12 4R27 7R24 7R42 4R1 4R2 4R3 4R4 4R5 4R6 4R9 4R10 4R11 4R12 4R13 4R14 4R22 (4R23) 4R29 4R28
01.57.R.2.E512J	SMD resistor	0603-5.1KΩ±5%	2	1R19 1R27
01.57.R.2.E153J	SMD resistor	0603-15KΩ±5%	3	1R20 1R25 1R32
01.57.R.2.E752J	SMD resistor	0603-7.5KΩ±5%	2	7R27 7R7
01.57.R.2.E822J	SMD resistor	0603-8.2KΩ±5%	1	3R11
01.57.R.2.E103J	SMD resistor	0603-10KΩ±5%	26	1R5 1R7 1R15 1R17 1R21 1R26 1R28 4R18 4R19 4R31 7R30 7R32 7R48 7R53 3R6 3R7 3R8 3R9 3R10 3R12 3R13 3R14 3R15 7R36 R10 7C89
01.57.R.2.E113J	SMD resistor	0603-11KΩ±5%	1	4R24
01.57.R.2.E123J	SMD resistor	0603-12KΩ±5%	2	1R9 1R1
01.57.R.2.E473J	SMD resistor	0603-47KΩ±5%	4	1R2 1R8 1R10 1R18
01.57.R.2.E563J	SMD resistor	0603-56KΩ±5%	1	7R46
01.57.R.2.E823J	SMD resistor	0603-82KΩ±5%	1	4R21
01.57.R.2.E104J	SMD resistor	0603-100KΩ±5%	2	4R16 4R17
01.57.R.2.E154J	SMD resistor	0603-150KΩ±5%	1	7R51
01.57.R.2.E105J	SMD resistor	0603-1MΩ±5%	1	(7R26)

01.57.R.3.E000J	SMD resistor	0805-0Ω ±5%	1	4L7
01.57.R.8.EP2204	SMD row resistor	22Ω*4 ±5%	1	7RP3
01.57.R.8.EP3304	SMD row resistor	33Ω*4 ±5%	9	3RN1 3RN2 3RN3 3RN4 3RN5 3RN6 7RP4 7RP6 7RP7
01.57.R.8.EP4704	SMD row resistor	47Ω*4 ±5%	1	7RP5
01.57.R.8.EP5104	SMD row resistor	51Ω*4 ±5%	2	7RP1 7RP2
01.54.CS.2.E100N50V	SMD capacitor	0603-10P NPO±5%/50V	1	(7C90)
01.54.CS.2.E180N50V	SMD capacitor	0603-18P NPO±5%/50V	2	(7C12) 7C81
01.54.CS.2.E200N50V	SMD capacitor	0603-20P NPO±5%/50V	1	(7C91)
01.54.CS.2.E220N50V	SMD capacitor	0603-22P NPO±5%/50V	4	3C3 3C4 7C19 7C20
01.54.CS.2.E101N50V	SMD capacitor	0603-100P NPO±5%/50V	4	4C1 4C2 4C12 4C13
01.54.CS.2.E331X50V	SMD capacitor	0603-330P X7R±10%/50V	2	7C79 7C66
01.54.CS.2.E471N50V	SMD capacitor	0603-470P NPO±5%/50V	1	7C80
01.54.CS.2.E681N50V	SMD capacitor	0603-680P NPO±5%/50V	4	4C10 4C11 7C65 7C78
01.54.CS.2.E102X50V	SMD capacitor	0603-102 X7R±10%/50V	5	1C10 1C19 1C28 4C14 4C15
01.54.CS.2.E272X50V	SMD capacitor	0603-272 X7R±10%/50V	1	7C77
01.54.CS.2.E103Y50V	SMD capacitor	0603-103 Y5V-20+80%/50V	3	1C11 1C20 1C29
01.54.CS.2.E104Y50V	SMD capacitor	0603-104 Y5V-20+80%/50V	66	7C4 7C7 7C8 7C9 1C14 1C17 1C23 1C25 1C32 1C37 7C10 7C13 7C14 7C16 7C17 7C18 7C24 7C33 7C34 7C48 7C49 1C3 1C4 1C5 1C6 1C7 1C9 4C3 7C1 7C2 1C26 1C35 7C11 7C15 7C23 7C25 7C26 7C27 7C28 7C29 7C30 7C31 7C32 7C37 7C38 7C39 7C40 7C41 7C42 7C46 7C47 7C52 7C53 7C54 7C55 7C56 7C57 7C58 7C59 7C62 7C69 7C74 3C1 7C67 7C71 4C27
01.54.CS.2.E105Y16V	SMD capacitor	0603-105 Y5V-20+80%/16V	11	7C64 7C76 4C4 4C5 4C7 4C9 7C22 7C44 7C45 7C50 7C51
01.54.CS.3.E105Y16V	SMD capacitor	0805-105 Y5V-20+80%/16V	2	4C19 4C20
01.54.CS.3.E106Y10V	SMD capacitor	0805-106 Y5V-20+80%/10V	2	4C22 4C18
01.35.CC.E120610U16V	SMD ceramic capacitor	ECJMFF1C106Z	7	1C15 1C33 4C16 4C21 4C25 4C26 1C41
01.34.CL.D.E10U25VA	Electrolyse capacitor	CDV-10UF/25V 4*5	5	7C5 7C35 7C36 3e2 1C1
01.34.CL.D.EV22U16VA	Electrolyse capacitor	CDV-22UF/16V 4*5	2	4C17 7C72
01.34.CL.D.E47U10VA	Electrolyse capacitor	CDV-47UF/10V 4*5	1	7C70
01.34.CL.D.E47U25VA	Electrolyse capacitor	CDV-47UF/25V 6*5	5	1C16 1C24 1C36

				7C43 4C23
01.34.CL.D.E100U6V3A	Electrolyse capacitor	CDV-100UF/6.3V 5*5	9	7C3 7C6 7C21 7C68 7C73 7C60 7C61 7C63 7C75
01.34.CL.D.E100U10VA	Electrolyse capacitor	CDV-100UF/10V 5*5	7	3E1 1C34 4C6 4C8 1C13 4C28 4C29
01.34.CL.D.E470U10VB	Electrolyse capacitor	CD11X-470UF/10V 8*7	2	1C22 1C31
01.34.CL.D.E220U25VO	Electrolyse capacitor	CD11X-220UF/25V 8*9	2	1C2 4C24
01.13.L.L.S.E010	SMD inductor	0805-2.7UH	2	7L8 7L11
01.13.L.L.S.E002	SMD inductor	0603-10UH	3	7L1 (7L3) 7L5
01.13.L.L.S.E018	SMD inductor	1206-10UH	2	7L7 (7L9)
01.13.L.L.S.E090	Inductor	1210-10UH(NLCV32T-100K-PF SMD)	2	7L2 7L6
01.13.L.L.S.E261	SMD inductor	SLF7032T-330MR75-PF	3	1L3 1L4 1L5
01.13.L.L.S.E030	Inductor	ELL6SH5R6M SMD	1	7L10
01.13.L.Z.ESB50	SMD magnetism bead	0805-50Ω	6	3FB1 4L1 4L3 6L1 4L4 4L2
01.13.L.Z.ESB100	SMD magnetism bead	0805-100Ω	1	7L4
01.13.L.Z.ESB120	SMD magnetism bead	0805-120Ω	2	1FB1 1F1
01.13.L.Z.ESB120P	SMD magnetism bead	0805-120Ω PB	4	1FB2 1FB3 1FB4 1FB5
01.13.L.Z.ESC50P	SMD magnetism bead	1206-50Ω PB	1	(1L6)
01.13.L.Z.ESC120P	SMD magnetism bead	1206-120Ω PB	2	1L1 1L7
01.41.D.PS.ELL4148	Diode	LL4148 SMD	4	3D1 4D1 4D2 7D1
01.41.D.PS.ESS24	Diode	SS24 SMD	3	1D1 1D2 1D3
01.41.D.PS.E5819	Diode	5819 1A	1	7D8
01.41.D.PD.EIN5819	Diode	IN5819 DIP	1	1D4
01.41.D.WS.E15V	SMD zener diode	15V	1	7D2
01.41.D.WS.E10V	SMD zener diode	10V	1	7D3
01.41.D.PS.E54S	Diode	BAT54S SMD	4	7D4 7D5 7D6 7D7
01.42.Q.S.E2301P	Audion	AF2301P SMD	2	1Q4 1Q2
01.42.Q.S.E3904	Audion	SMBT3904 SMD	4	9Q1 1Q1 1Q5 1Q3
01.42.Q.S.E3906	Audion	SMBT3906 SMD	1	4Q1
01.00.JZ.E12000	DIP oscillator	12.000MHZ-49S-20P	1	3Y1
01.00.JZ.E27000F	DIP oscillator	27.000MHZ-49S-20PF/±20P PM/ 3Pin	1	7Y1
01.44.IC.S.E1117ADJ	IC	LM1117MPX-ADJ SMD	1	7U2
01.44.IC.S.ELM393	IC	LM393 SMD	1	1U1
01.44.IC.S.E1513S	IC	AP1513S SMD	3	1U2 1U3 1U4
01.44.IC.S.E5964	IC	SM5964C40J SMD	1	3U2
01.46.IC.E24C16	IC	24C16 SMD	1	3U1
01.44.IC.S.EEUA6011	IC	EUA6011 SMD	1	4U2
01.44.IC.S.E4052	IC	CD4052 SMD	1	4U1
01.44.IC.S.E101A	IC	T101A SMD	1	7U1
01.44.IC.S.E1780	IC	AT1780M SMD	1	7U3
01.40.CON.S08.E003	SMD jack	0.8-14A	1	3J1
01.40.CON.S10.AY.E005	SMD jack	1.0-14A(lie paste)	1	J3
01.40.CON.S05.E013	SMD jack	FPC-0.5-30P	2	7J2 7J3
01.40.CON.S05.E015	SMD jack	FPC-0.5-32P	1	7J4
01.40.CON.DTJ.E043	Jack	TJC3-2A	2	4J1 4J2

01.37.PCB.2.E3399C2	Circuit board	Main board3399C-V2.0	1	
02.11.PDC06M3399C01 A	configure table	PDC06M-3399C01 according to PDC-61001 configure	1	
02.11.PDC06M3399C01 B	configure table	PDC06M-3399C01 according to PDC-68001 configure	1	
Bom No	Part No	Part Name	QTY	
PDC06M-3399C01-according toDC61001	02.11. PDC06M3399C01A	configure table	1	
Part No	Name	Specification	QTY	LOCA No
01.57.R.2.E000J	SMD resistor	0603-0Ω ±5%	1	R4
01.57.R.2.E101J	SMD resistor	0603-100Ω±5%	1	R3
01.57.R.2.E102F	SMD resistor	0603-1KΩ±1%	1	R2
01.57.R.2.E103J	SMD resistor	0603-10KΩ±5%	1	R7
01.57.R.2.E303J	SMD resistor	0603-30KΩ±5%	1	R5
01.57.R.2.E913J	SMD resistor	0603-91K±5%	1	R6
01.57.R.4.E100J	SMD resistor	1206-10Ω±5%	2	R8 R9
01.54.CS.2.E223X50V	SMD capacitor	0603-223 X7R±10%/50V	1	C9
01.54.CS.2.E104Y50V	SMD capacitor	0603-104 Y5V-20+80%/50V	3	C3 C5 C6
01.54.CS.2.E105Y16V	SMD capacitor	0603-105 Y5V-20+80%/16V	2	C7 C8
01.35.CC.E120610U16V X	SMD ceramic capacitor	C3216X5R1C106KT	2	C4 C2
01.35.CC.E12064U716V X	SMD ceramic capacitor	1206-4.7UF-16V X5R	1	C1
01.13.L.L.S.E161	SMD inductor	SD43-220M(22UH)	2	L1 L2
01.41.D.PS.E5819	Diode	5819 1A SMD	1	D1
01.41.D.PS.EUDZS5V6	Diode	UDZSTE-17(5.6V) SMD	1	D2
01.41.D.PS.E1SS355	Diode	1SS355 SMD	1	D3
01.42.Q.S.E3904	Audion	SMBT3904 SMD	1	Q4
01.42.Q.S.EDT114	Audion	DTC114EUAT106 SMD	1	Q3
01.42.Q.S.EDTA114	Audion	DTA114EKAT146 SMD	1	Q1
01.42.Q.S.E3402	Audion	STS3402 SMD	1	Q2
01.40.CON.S35.E001	SMD hi-voltage jack	3.5-2P	1	J2
01.38.FUSE.S.E015	Fuse	F1206FA-1500V063	1	F1
01.44.IC.S.E3102	IC	Bit3102A SMD	1	U1
Bom No	Part No	Part Name	QTY	
PDC06M-3399C01-accor ding to PDC68001	02.11.PDC06M3399C0 1B	configure table	1	
Part No	Name	Specification	QTY	LOCA No
01.40.CON.S13.AY.E005	SMD jack	1.25-3A(lie paste)	1	1J1
Bom No	Part No	Part Name	QTY	
PDC06C-3456C01	02.13.PDC06C3456C0 1	Charging board	1	
Part No	Name	Specification	QTY	LOCA No
01.57.R.4.ER15J	SMD resistor	1206-0.15Ω ±5%	3	TR7 TR8 TR9
01.57.R.2.E100J	SMD resistor	0603-10Ω±5%	1	TR6

01.57.R.2.E510J	SMD resistor	0603-51Ω±5%	1	TR10
01.57.R.2.E471J	SMD resistor	0603-470Ω±5%	2	TR29 TR30
01.57.R.2.E102J	SMD resistor	0603-1KΩ±5%	2	TR13 TR24
01.57.R.2.E202J	SMD resistor	0603-2KΩ±5%	1	TR15
01.57.R.2.E362J	SMD resistor	0603-3.6KΩ±5%	4	TR14 TR16 TR17 TR25
01.57.R.2.E822J	SMD resistor	0603-8.2KΩ±5%	1	TR26
01.57.R.2.E103J	SMD resistor	0603-10KΩ±5%	7	TR1 TR2 TR5 TR18 TR23 TR27 TR28
01.57.R.2.E513F	SMD resistor	0603-51KΩ±1%	1	TR11
01.57.R.2.E513J	SMD resistor	0603-51KΩ±5%	1	TR22
01.57.R.2.E154F	SMD resistor	0603-150KΩ±1%	1	TR3
01.57.R.2.E475J	SMD resistor	0603-4.7MΩ±5%	1	TR12
01.57.R.2.E106J	SMD resistor	0603-10MΩ±5%	1	TR4
01.57.R.3.E102J	SMD resistor	0805-1KΩ±5%	4	2R1 2R2 2R3 2R4
01.57.R.3.E475J	SMD resistor	0805-4.7MΩ±5%	1	2R5
01.54.CS.2.E102X50V	SMD capacitor	0603-102 X7R±10%/50V	1	TC11
01.54.CS.2.E104Y50V	SMD capacitor	0603-104 Y5V-20+80%/50V	9	TC2 TC3 TC5 TC6 TC8 TC9 TC10 TC12 TC13
01.54.CS.3.E104Y50V	SMD capacitor	0805-104 Y5V+80-20%/50V	5	2C1 2C2 2C3 2C4 2C5
01.34.CL.D.E100U16VA	Electrolyse capacitor	CDV-100UF/16V 6*5	1	TC4
01.34.CL.D.EV47U16VA	Electrolyse capacitor	CDV-47UF/16V 5*5	1	TC7
01.34.CL.D.E100U25VB	Electrolyse capacitor	CD11X-100UF/25V 6.3*7	1	TC1
01.13.L.L.D.E179	DIP inductor	LH330BHA	1	TJ1
01.41.D.PS.ELL4148	Diode	LL4148 SMD	2	TD3 TD5
01.41.D.PS.ESS5822	Diode	SS5822 SMD	2	TD1 TD2
01.41.D.PS.E54S	Diode	BAT54S SMD	1	TD6
01.42.Q.S.E3904	Audion	SMBT3904 SMD	3	TQ1 TQ2 TQ4
01.42.Q.S.E3906	Audion	SMBT3906 SMD	1	TQ3
01.13.L.Z.E5B50P	SMD magnetism bead	0805-50Ω PB	2	TL2 TL3
01.44.IC.S.E4435	IC	FDS4435 SMD	1	TN1
01.44.IC.D.EKA431	IC	KA431LZTA 0.5% DIP	1	TU1
01.44.IC.S.E6312	IC	GT6312 SMD	1	TU2
01.44.MOS.S.EAF9435	IC	AF9435 SMD	1	TN2
01.44.IC.S.E8232	IC	S-8232ALFT SMD	1	N1
01.44.MOS.S.ESM9926	Transistor	SM9926Kb1 SMD	1	N2
01.40.CON.S13.AY.E008	SMD jack	1.25-8A(lie paste)	1	1J1
01.38.FUSE.S.E2000A	Fuse	F1206HI-2000V063T SMD	1	F1
01.40.CON.DPH.E053	Jack	PH-3A	1	CN1
01.37.PCB.2.E3456C4	Circuit board	charging board3456C-V4.0	1	
Bom No	Part No	Part Name	QTY	
PDC06V-3398C01	02.23.PDC06V3398C01	DVD board	1	
Part No	Name	Specification	QTY	LOCA No

01.57.R.2.E000J	SMD resistor	0603-0Ω ±5%	26	1L5 1R1 1R2 1R4 1R6 3R1 4R1 1R10 1R11 3R10 3R11 3R13 3R16 3R17 3R18 3R19 3R20 3R28 3R29 3R43 3R44 4R11 6R20 5L4 6R25 6R26
01.57.R.2.E1R0J	SMD resistor	0603-1Ω±5%	1	3R12
01.57.R.3.E1R0J	SMD resistor	0805-1Ω±5%	4	3R33 3R34 3R35 3R36
01.57.R.2.E4R7J	SMD resistor	0603-4.7Ω±5%	2	3R31 3R32
01.57.R.2.E6R8J	SMD resistor	0603-6.8Ω±5%	1	3R7
01.57.R.2.E330J	SMD resistor	0603-33Ω±5%	8	4R2 4R3 4R5 4R6 4R7 4R8 4R9 4R10
01.57.R.3.E330J	SMD resistor	0805-33Ω±5%	1	6R4
01.57.R.2.E430J	SMD resistor	0603-43Ω±5%	1	1R13
01.57.R.2.E750F	SMD resistor	0603-75Ω±1%	2	5R1 6R15
01.57.R.2.E101J	SMD resistor	0603-100Ω±5%	5	1R7 1R8 6R16 6R17 6R18
01.57.R.2.E301J	SMD resistor	0603-300Ω±5%	2	1R14 1R15
01.57.R.2.E331J	SMD resistor	0603-330Ω±5%	1	2R4
01.57.R.2.E561J	SMD resistor	0603-560Ω±5%	1	3R15
01.57.R.2.E751J	SMD resistor	0603-750Ω±5%	1	2R3
01.57.R.2.E102J	SMD resistor	0603-1KΩ±5%	4	1R5 (3R8) (4R12) (4R13)
01.57.R.2.E512J	SMD resistor	0603-5.1KΩ±5%	3	6R9 6R13 6R2
01.57.R.2.E912J	SMD resistor	0603-9.1KΩ±5%	2	6R8 6R12
01.57.R.2.E103J	SMD resistor	0603-10KΩ±5%	22	1R3 1R9 4R4 6R1 6R3 6R5 6R6 3R14 3R22 3R24 3R25 3R26 3R39 3R45 3R49 3R50 3R51 3R52 3R53 3R54 3R55 3R56
01.57.R.2.E123J	SMD resistor	0603-12KΩ±5%	2	6R11 6R7
01.57.R.2.E153J	SMD resistor	0603-15KΩ±5%	2	3R6 (3R48)
01.57.R.2.E203J	SMD resistor	0603-20KΩ±5%	4	3R40 3R41 3R42 3R46
01.57.R.2.E183J	SMD resistor	0603-18KΩ±5%	1	(3R47)
01.57.R.2.E104J	SMD resistor	0603-100KΩ±5%	6	3Q1 3R2 3R21 3R27 6R10 6R14
01.57.R.2.E114J	SMD resistor	0603-110KΩ±5%	1	3R23
01.57.R.2.E154J	SMD resistor	0603-150KΩ±5%	2	3R4 3R3
01.57.R.2.E684J	SMD resistor	0603-680KΩ±5%	2	3R5 3Q3
01.57.R.2.E754J	SMD resistor	0603-750KΩ±5%	1	3Q2
01.57.R.3.E000J	SMD resistor	0805-0Ω ±5%	2	6R23 6R24
01.57.R.4.E154J	SMD resistor	1206-150KΩ±5%	2	6C18 6C19
01.54.CS.2.E200N50V	SMD capacitor	0603-20P NPO±5%/50V	1	3C16
01.54.CS.2.E220N50V	SMD capacitor	0603-22P NPO±5%/50V	3	5C1 3C13 3C14
01.54.CS.2.E470N50V	SMD capacitor	0603-47P NPO±5%/50V	2	1C12 1C11
01.54.CS.2.E151N50V	SMD capacitor	0603-150P NPO±5%/50V	2	3C79 3C80
01.54.CS.2.E181X50V	SMD capacitor	0603-180P X7R±10%/50V	1	5C2

01.54.CS.2.E221N50V	SMD capacitor	0603-220P NPO±5%/50V	2	6C14 6C10
01.54.CS.2.E271N50V	SMD capacitor	0603-270P NPO±5%/50V	1	5C3
01.54.CS.2.E331X50V	SMD capacitor	0603-330P X7R±10%/50V	2	3C87 (3C86)
01.54.CS.2.E391N50V	SMD capacitor	0603-390P NPO±5%/50V	1	(3C1)
01.54.CS.2.E102X50V	SMD capacitor	0603-102 X7R±10%/50V	1	3C31
01.54.CS.2.E202X50V	SMD capacitor	0603-202 X7R±10%/50V	2	6C17 6C13
01.54.CS.2.E222X50V	SMD capacitor	0603-222 X7R±10%/50V	3	3C2 (3C11) 3C29
01.54.CS.2.E562X50V	SMD capacitor	0603-562 X7R±10%/50V	1	(3C71)
01.54.CS.2.E103Y50V	SMD capacitor	0603-103 Y5V-20+80%/50V	2	(3C10) 1C7
01.54.CS.2.E153Y50V	SMD capacitor	0603-153 Y5V-20+80%/50V	1	3C89
01.54.CS.2.E333X50V	SMD capacitor	0603-333 X7R±10%/50V	1	(3C44)
01.54.CS.2.E473Y50V	SMD capacitor	0603-473 Y5V-20+80%/50V	2	3C45 3C46
01.54.CS.2.E104Y50V	SMD capacitor	0603-104 Y5V-20+80%/50V	60	2C9 3C4 3C5 3C6 3C7 3C8 3C9 4C1 4C2 4C3 4C4 4C6 4C7 4C8 4C9 6C1 6C2 6C5 6C6 2C10 3C18 3C20 3C22 3C25 3C26 3C28 3C30 3C33 3C35 3C36 3C37 3C38 3C39 3C40 3C42 3C43 3C48 3C49 3C54 3C55 3C56 3C57 3C67 3C70 3C72 3C74 3C76 3C81 3C83 3C84 3C88 3C90 4C10 6C9 6C8 1C5 1C13 1C15 1C16 3C66
01.54.CS.2.E224Y16V	SMD capacitor	0603-224 Y5V-20+80%/16V	3	(2C1) (2C3) (2C5)
01.54.CS.2.E105Y10V	SMD capacitor	0603-105 Y5V-20+80%/10V	5	3C58 3C59 3C60 3C61 3C62
01.34.CL.D.E1U50VA	Electrolyse capacitor	CDV-1UF/50V 4*5	2	1C6 1C8
01.34.CL.D.EV4U716VA	Electrolyse capacitor	CDV-4.7UF/16V 4*5	1	3C32
01.34.CL.D.E10U16VA	Electrolyse capacitor	CDV-10UF/16V 4*5	8	3C34 3C17 1C9 1C10 1C14 3C15 3C19 3C65
01.34.CL.D.E10U25VA	Electrolyse capacitor	CDV-10UF/25V 4*5	5	6C11 6C12 6C15 6C16 2C12
01.34.CL.D.E47U10VA	Electrolyse capacitor	CDV-47UF/10V 4*5	5	3C51 3C52 3C53 3C73 3C75
01.34.CL.D.E100U6V3A	Electrolyse capacitor	CDV-100UF/6.3V 5*5	3	2C8 3C21 3C41
01.34.CL.D.E100U10VA	Electrolyse capacitor	CDV-100UF/10V 5*5	7	2C7 6C3 3C23 3C69 6C20 3C108 3C82
01.34.CL.D.E100U25VB	Electrolyse capacitor	CD11X-100UF/25V 6.3*7	3	6C7 6C4 2C26
01.34.CL.D.E220U6V3A	Electrolyse capacitor	CDV-220UF/6.3V 6*5	3	2C2 2C4 2C6
01.34.CL.D.E220U25VO	Electrolyse capacitor	CD11X-220UF/25V 8*9	2	2C11 2C24
01.35.CC.E120610U16V	SMD ceramic capacitor	ECJMFF1C106Z	1	3C91
01.13.L.Z.ESB50	SMD magnetism bead	0805-50Ω	2	6FB1 1L1
01.13.L.Z.ESA100	SMD magnetism bead	0603-100Ω	1	1L6
01.13.L.Z.ESB120	SMD magnetism bead	0805-120Ω	22	1L4 3L1 3L4 3L5 3L6

				3L7 3L8 3L11 3L12 2FB1 2FB2 2FB3 2FB4 2F1 2F2 2F3 2L1 2L2 2L3 1L7 1L8 2FB6
01.13.L.L.S.E003	SMD inductor	0603-2.7UH	2	1L2 1L3
01.13.L.L.S.E159	SMD inductor	1206-3.3UH	2	3L3 3L2
01.13.L.L.S.E007	SMD inductor	0805-10UH	2	3L9 3L10
01.13.L.L.S.E006	SMD inductor	0805-1.8UH	1	5L1
01.41.D.PS.ELL4148	Diode	LL4148 SMD	1	(3D1)
01.41.D.PS.E54S	Diode	BAT54S SMD	1	1D1
01.41.D.PS.ESS5822	Diode	SS5822 SMD	1	2D1
01.42.Q.S.E3904	Audion	SMBT3904 SMD	5	3Q4 6Q2 3Q5 1Q2 1Q1
01.42.Q.S.E3906	Audion	SMBT3906 SMD	1	6Q1
01.42.Q.S.E1132	Audion	2SB1132 SMD	2	3Q9 3Q8
01.42.Q.S.E3018	Transistor	2SK3018T106 SMD	2	3Q6 (3Q7)
01.46.IC.E24C16	IC	24C16 SMD	1	(4U3)
01.44.IC.S.E2711	IC	CE2711 SMD	1	6U2
01.44.IC.S.E7954	IC	PT7954 SMD	1	3U2
01.44.IC.S.E29LV160C	IC	MX29LV160CBTC-70G SMD	1	4U2
01.46.IC.EMT1389DEH	IC	MT1389DE/H SMD	1	3U1
01.44.IC.S.E6287	IC	BA6287 SMD	1	3U3
01.44.IC.S.E1117ADJ	IC	LM1117MPX-ADJ SMD	1	2U1
01.46.IC.E641620	IC	HY57V641620HGT SMD	1	4U1
01.44.IC.S.EL78L05	IC	78L05 SMD	1	6U1
01.44.IC.S.E4558	IC	NJM4558 SMD	1	6U3
01.00.JZ.E27000	DIP oscillator	27.000MHZ-49S-20P	1	3Y1
01.31.GPT.E054	Tuner	MNM05-4-E	1	1J5
01.31.GPT.E055	Tuner	MPE05-2-E	1	1J5
01.40.CON.DPH.E020	Jack	PH-4A	1	3J1
01.40.CON.S10.FPC1.E015	SMD jack	FPC-1.0-12P	1	3J4
01.40.CON.S05.E008	SMD jack	FPC-0.5-24P	1	3J5
01.40.CON.S05.E015	SMD jack	FPC-0.5-32P	1	1J4
01.40.CON.S10.AY.E002	SMD jack	1.0-10A(lie paste)	1	(3J3)
01.40.CON.S10.AY.E005	SMD jack	1.0-14A(lie paste)	2	(3J2) 2J3
01.40.CON.S13.AY.E003	SMD jack	1.25-2A(lie paste)	1	2J4
01.40.CON.S13.AY.E008	SMD jack	1.25-8A(lie paste)	1	2J1
01.40.CON.DCZ.E164	Same core jack	AV3-8.4-14G	1	1J1
01.40.CON.DCZ.E066	horizontal double row(earphone)jack	CKX-3.5-02K(with switch) DIP	1	1J3
01.39.SW.BD.ESK22F09 GP	wave switch	SK-22F-09-G7	1	1W1
01.40.CON.DCZ.E018	Power jack	DDK2.5 DIP	1	2J2
01.37.PCB.2.E3398C3	Circuit board	DVD board3398C-V3.0	1	

