

PDB-71001 SERVICE MANUAL

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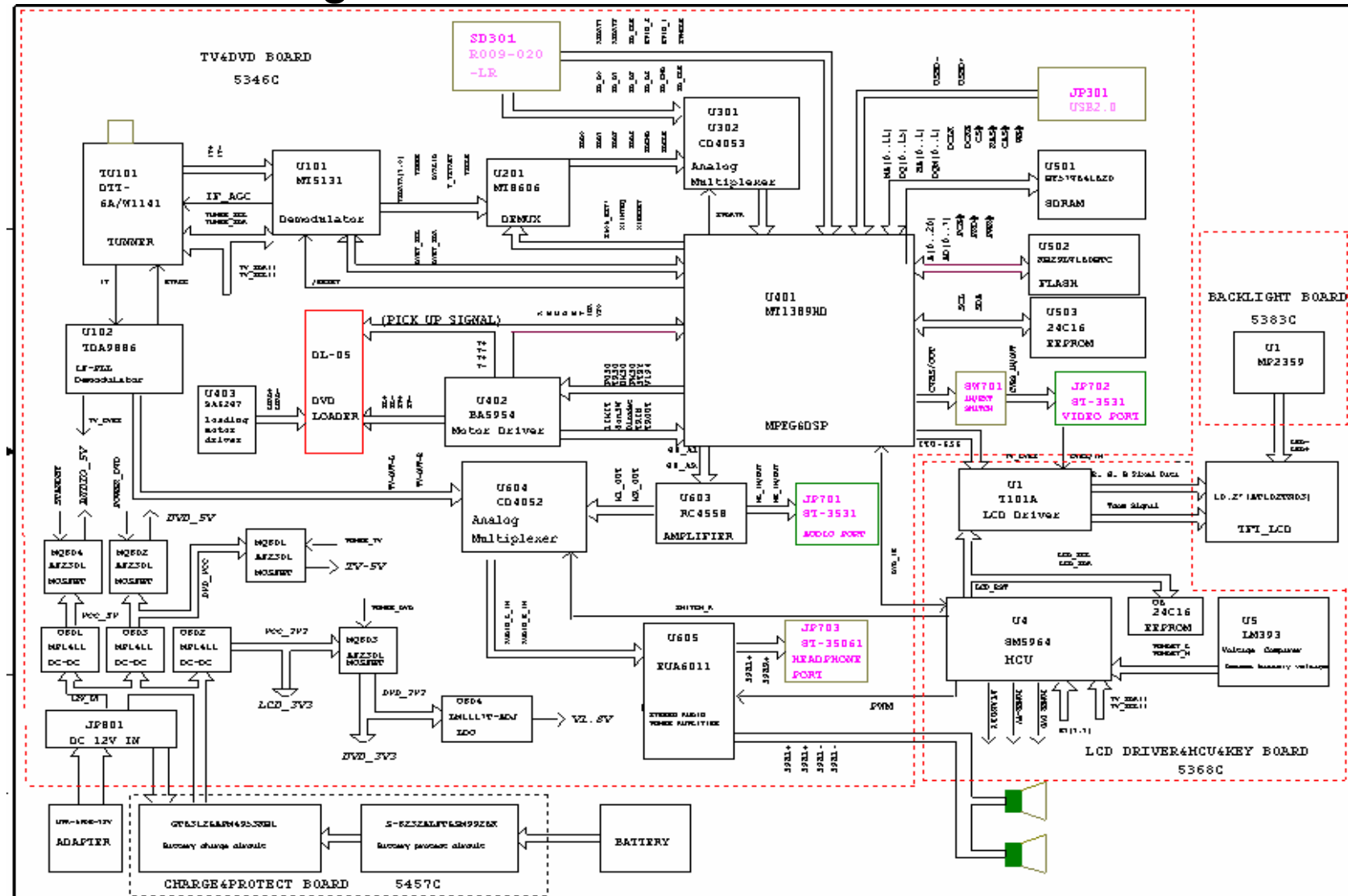
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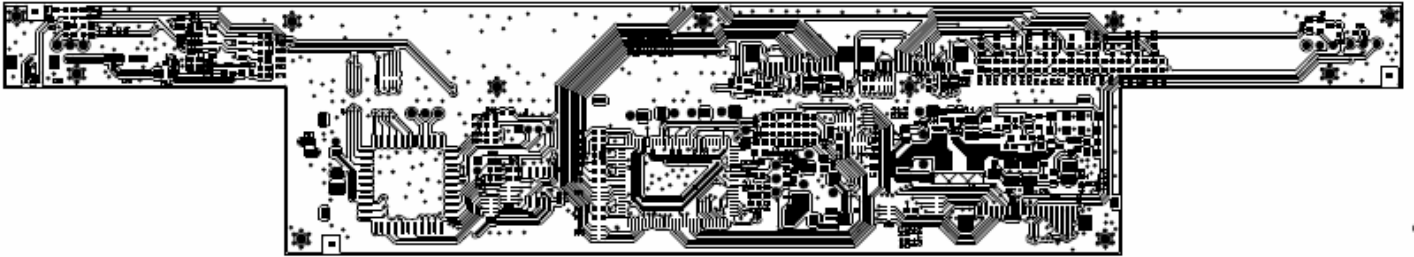
Part 1 Brief Introduction Of PDB-71001 Schematic Diagram



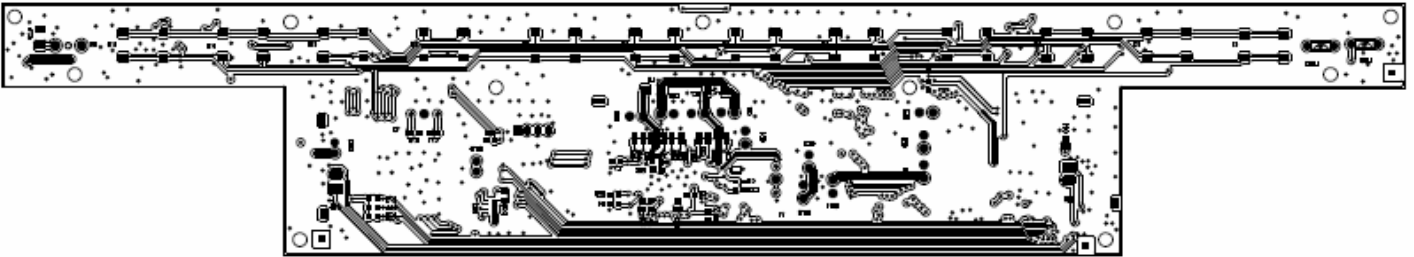
Printed circuit

1. DRIVER P.C. BOARD

A:TOP LAYER

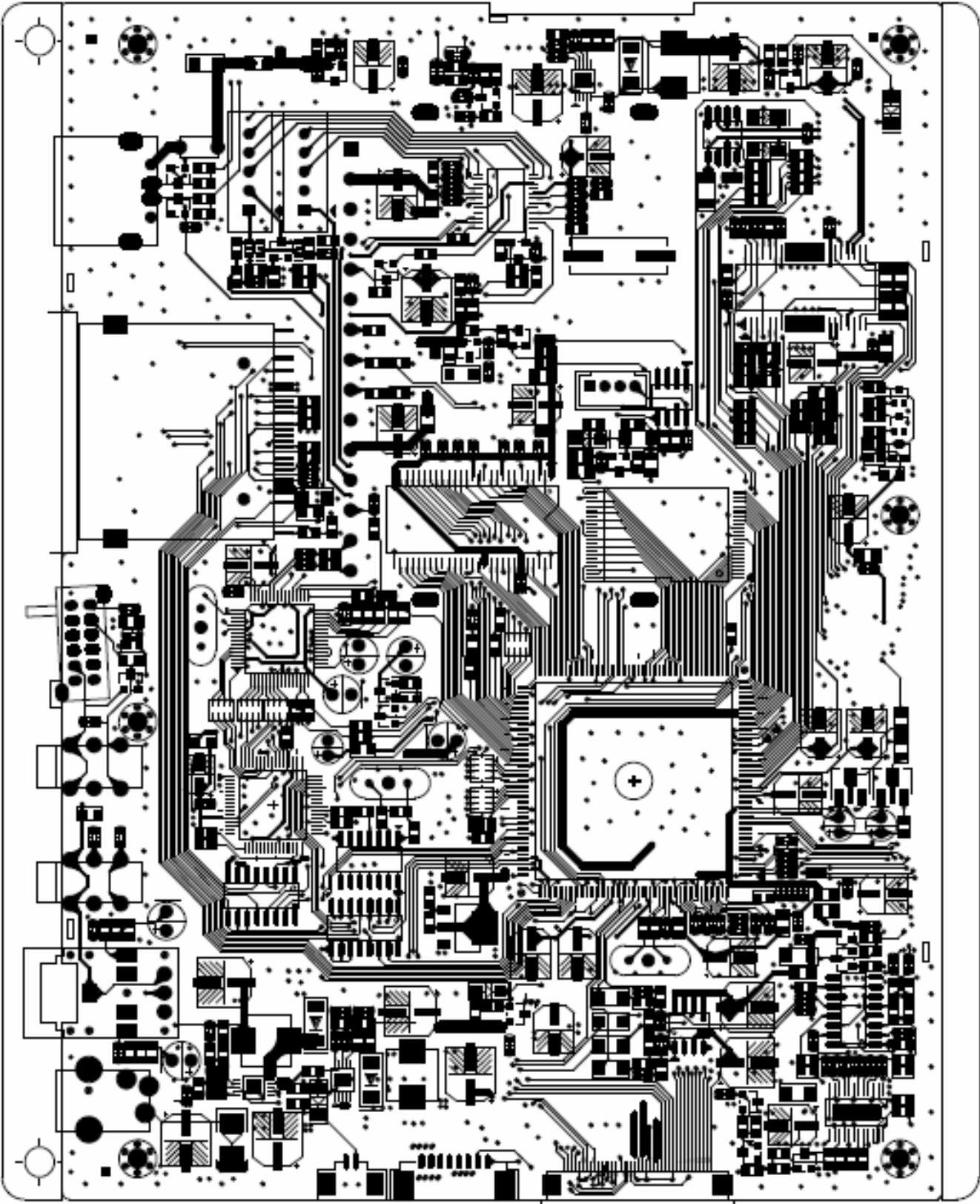


B:BOTTOM LAYER

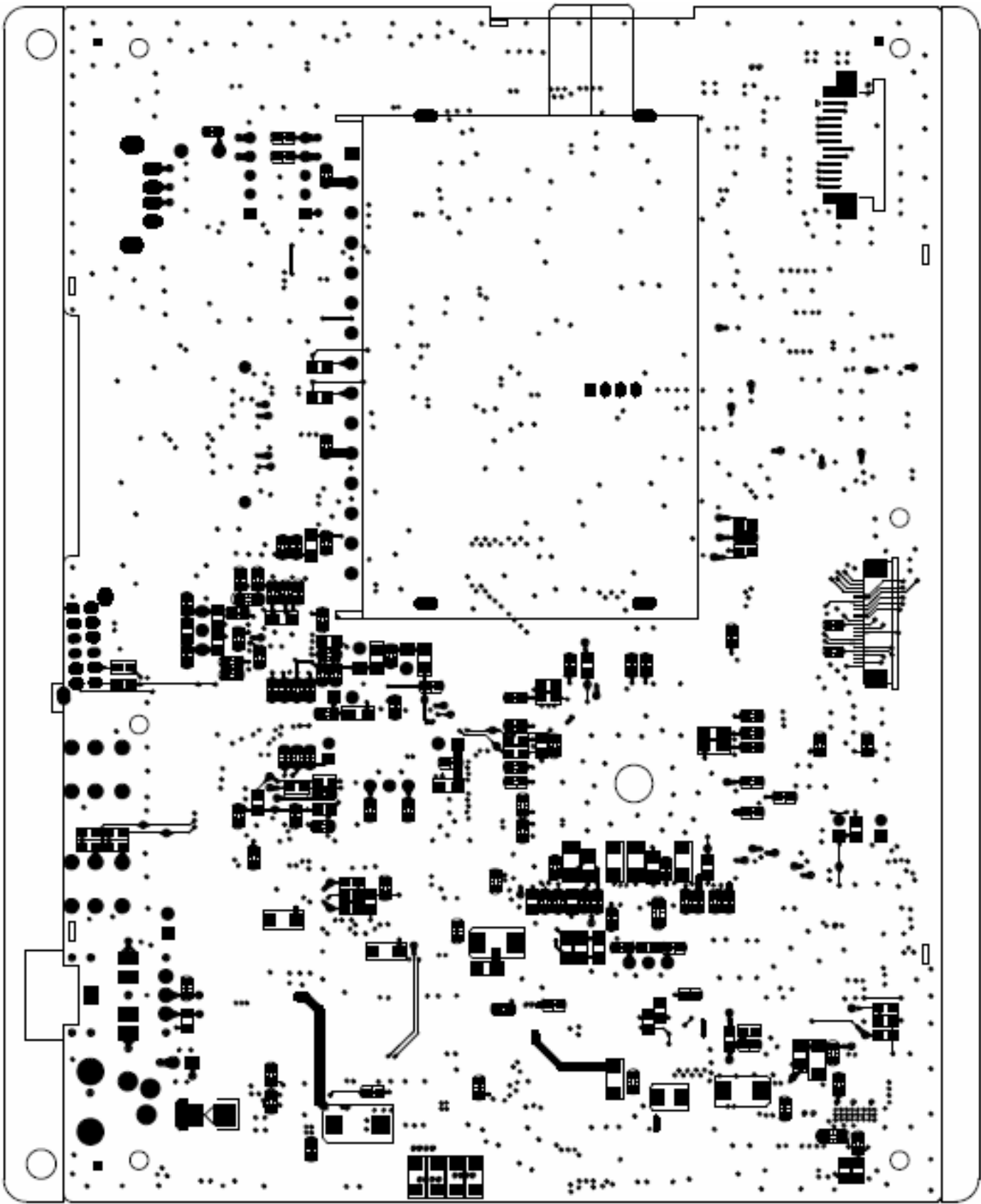


1. MAIN P.C. BOARD

A:TOP LAYER

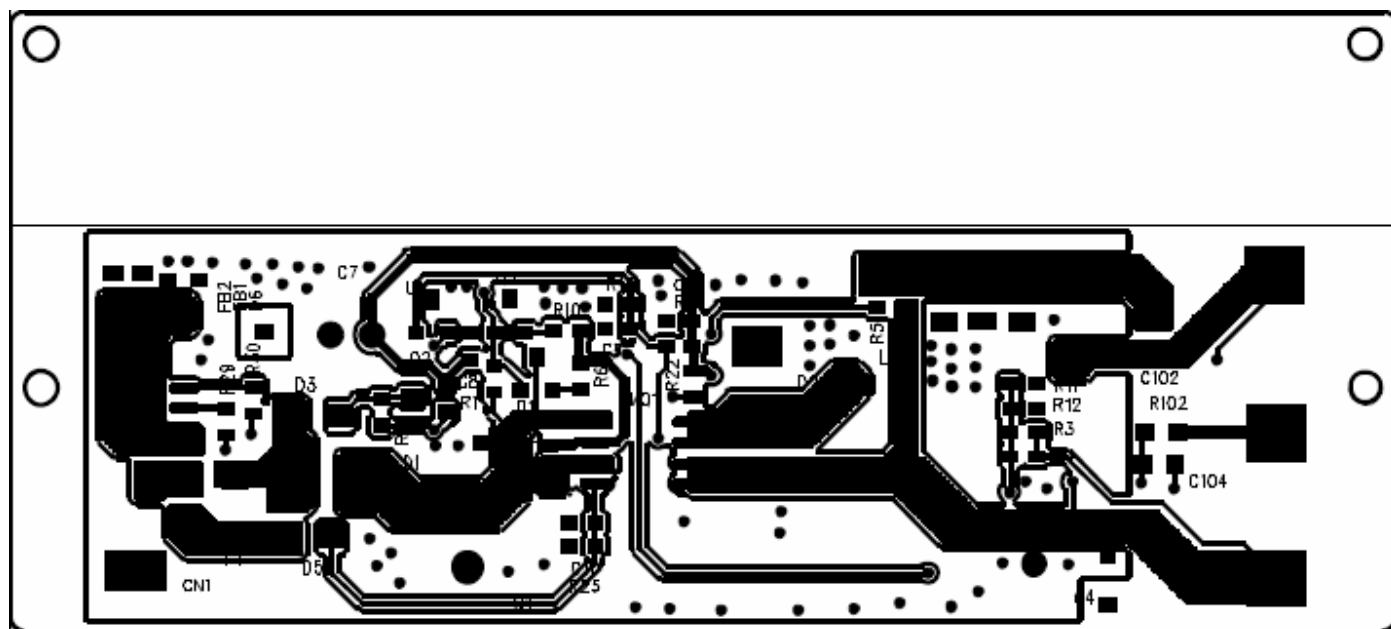


B:BOTTOM LAYER

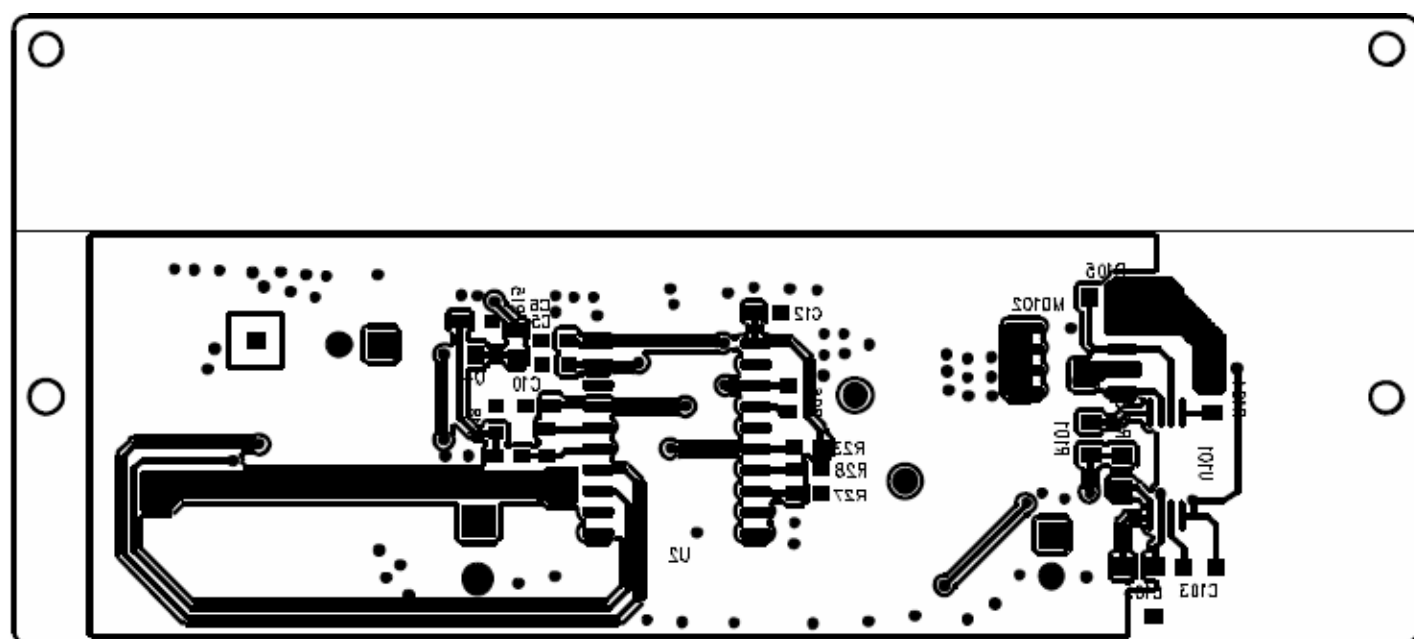


3. BATTERY CHARGE P.C.

A:TOP LAYER



B:BOTTOM LAYER

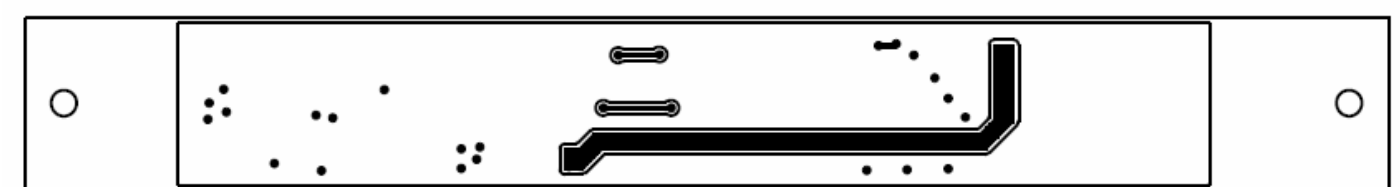


4.INVERTER P.C. BOARD

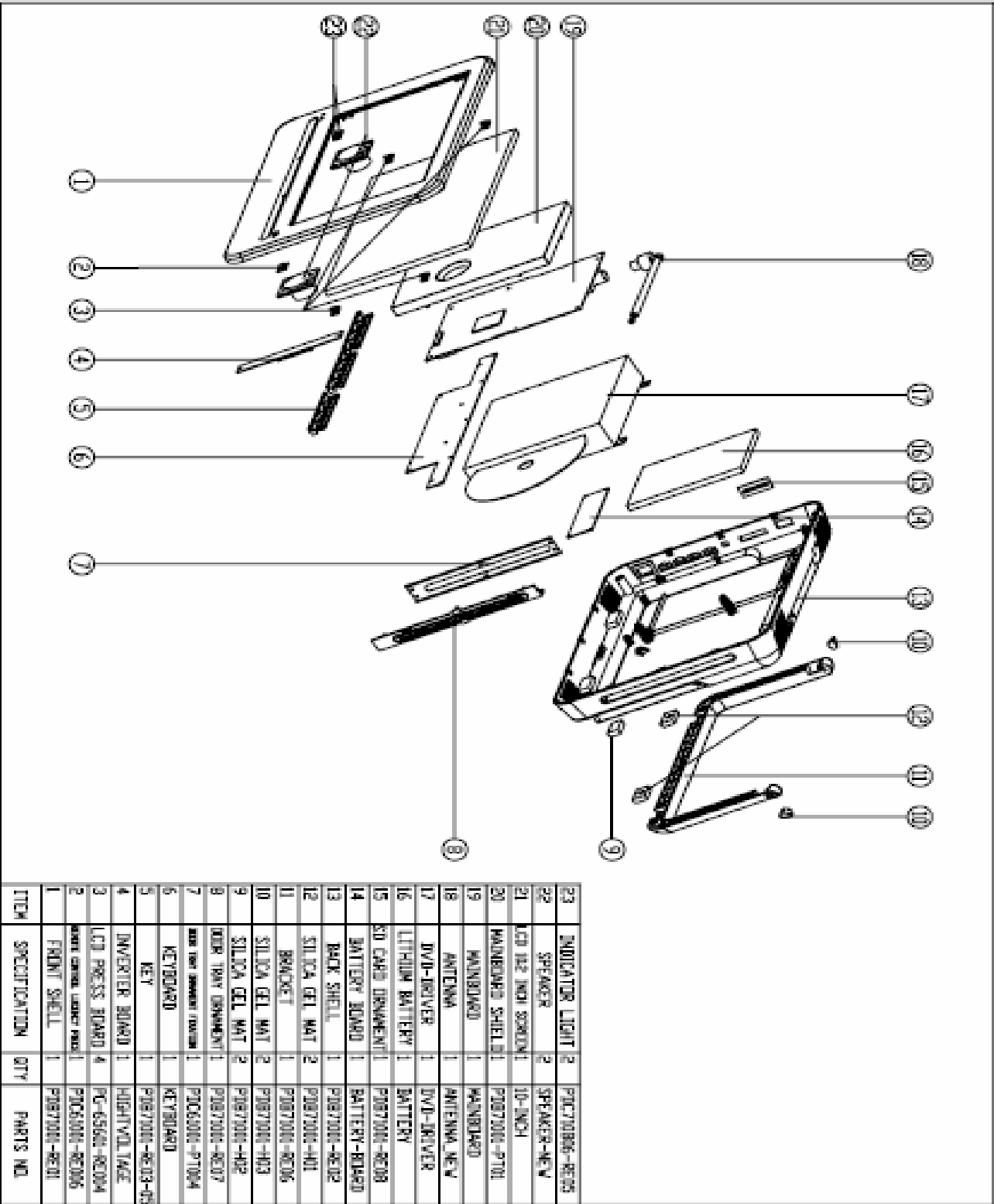
A:TOP LAYER



B:BOTTOM LAYER

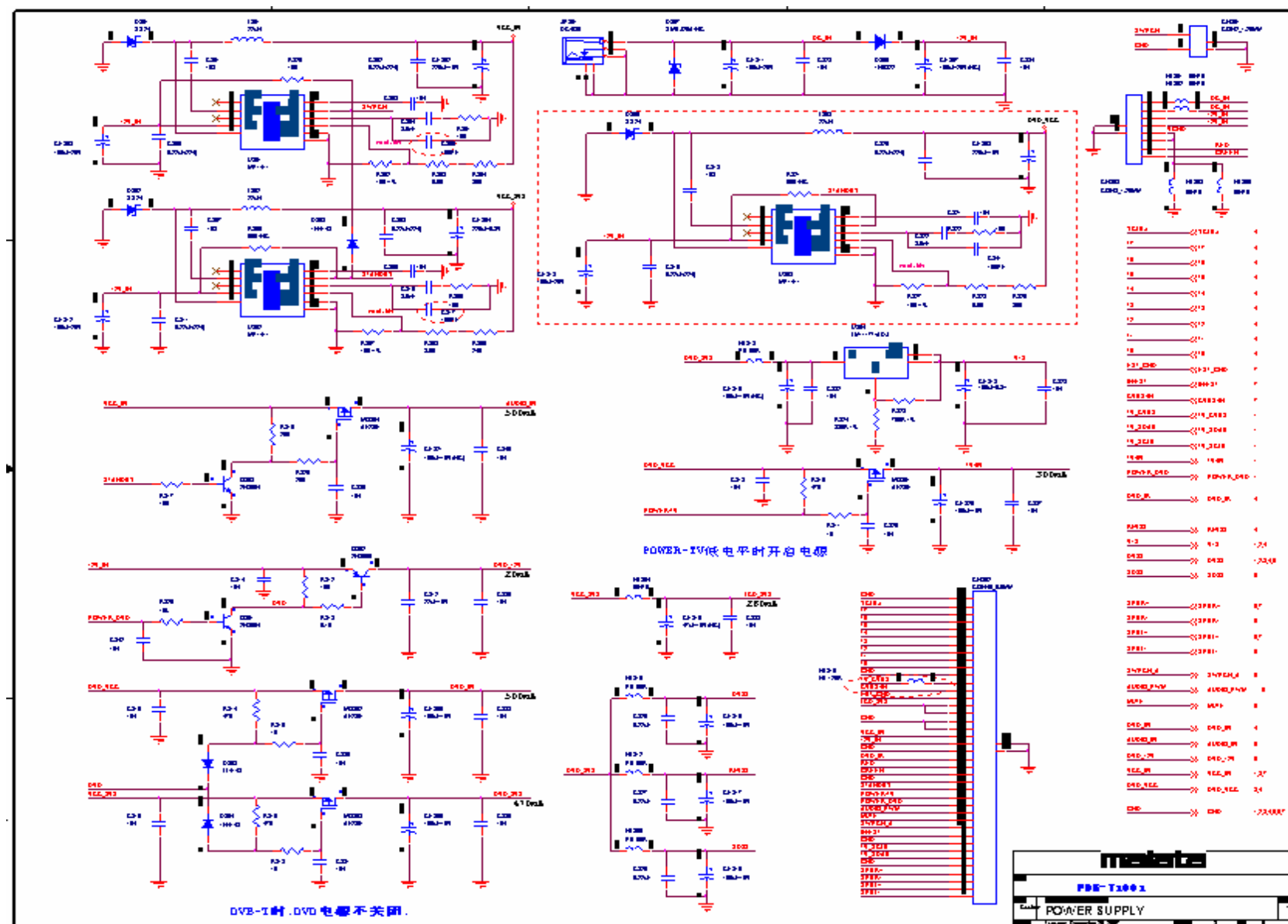


Part 2 Exploded view

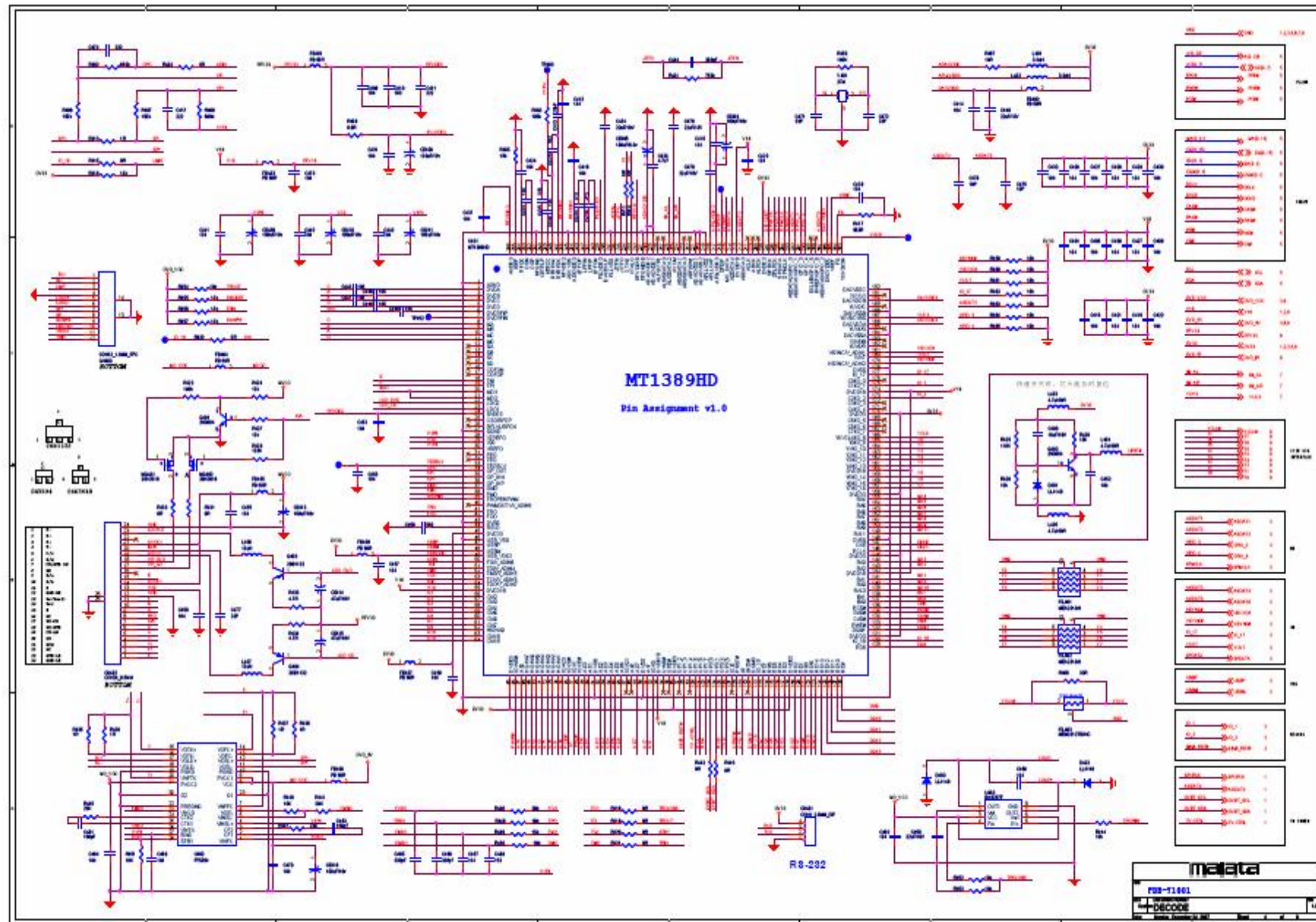


Part 3 Detailed Circuit

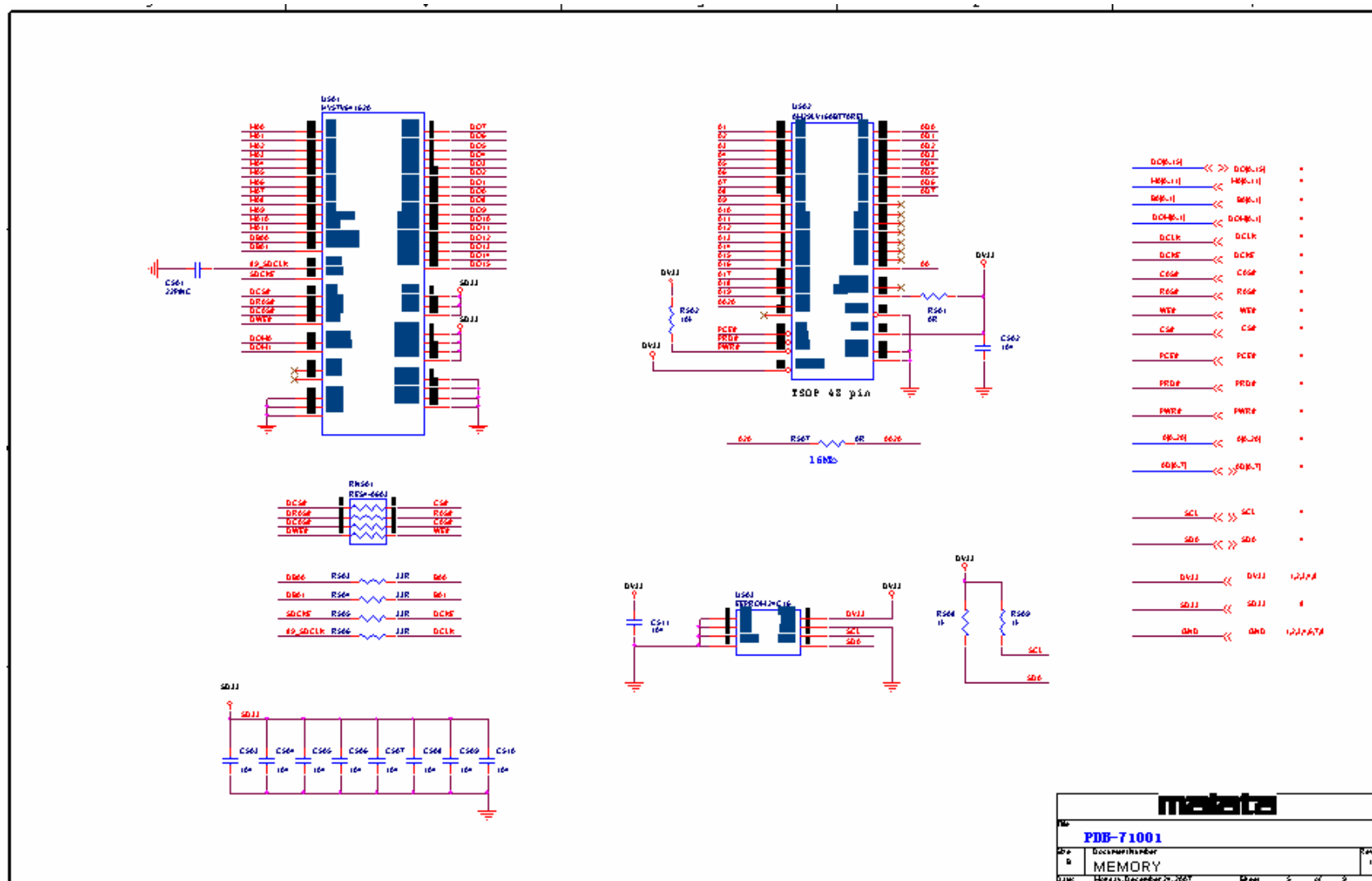
1. MAIN POWER CIRCUIT DIAGRAM



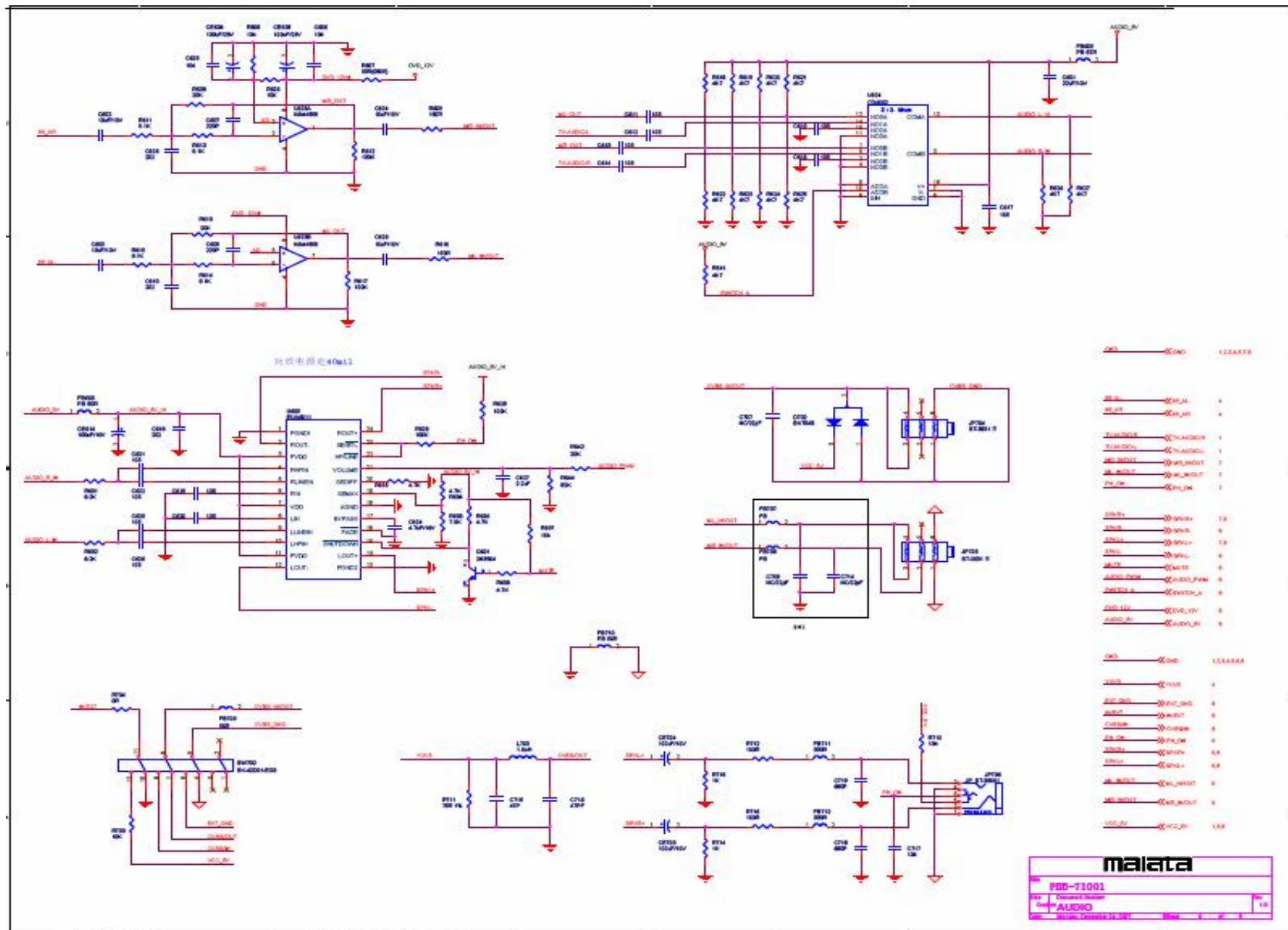
2.MAIN(MT1389D) CIRCUIT DIAGRAM



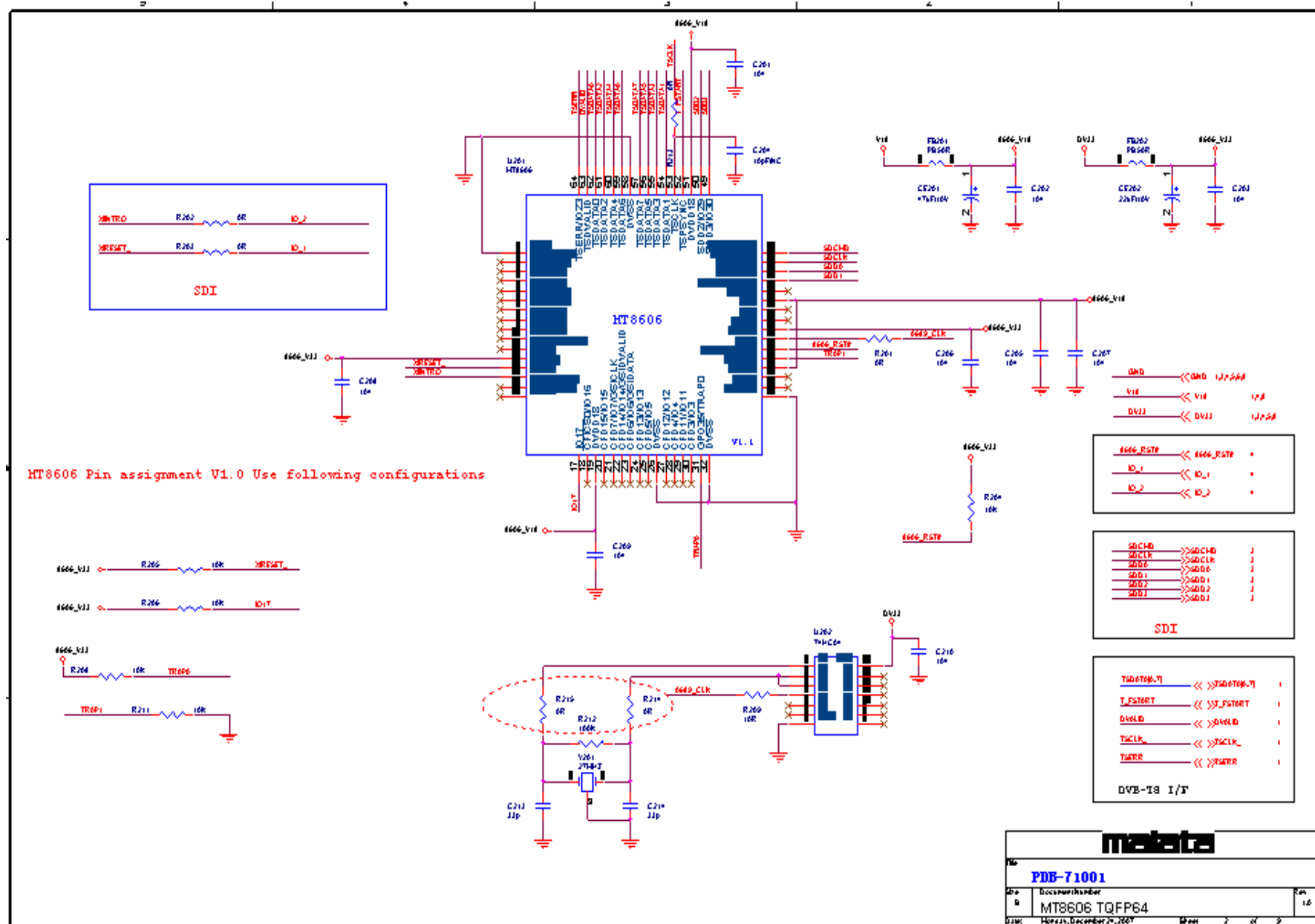
3.FALSE PART CIRCUIT DIAGRAM



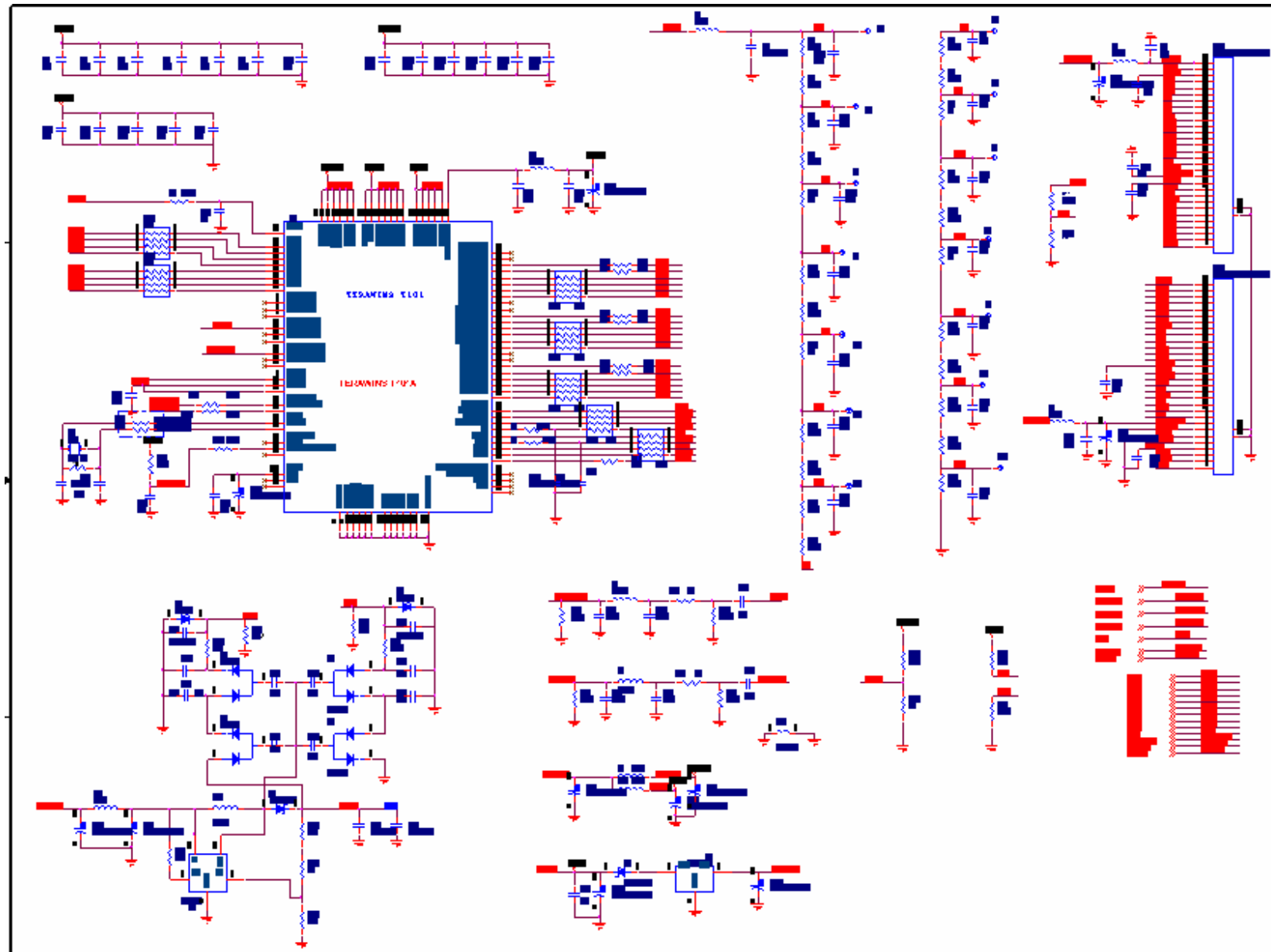
4. AUDIO CIRCUIT DIAGRAM



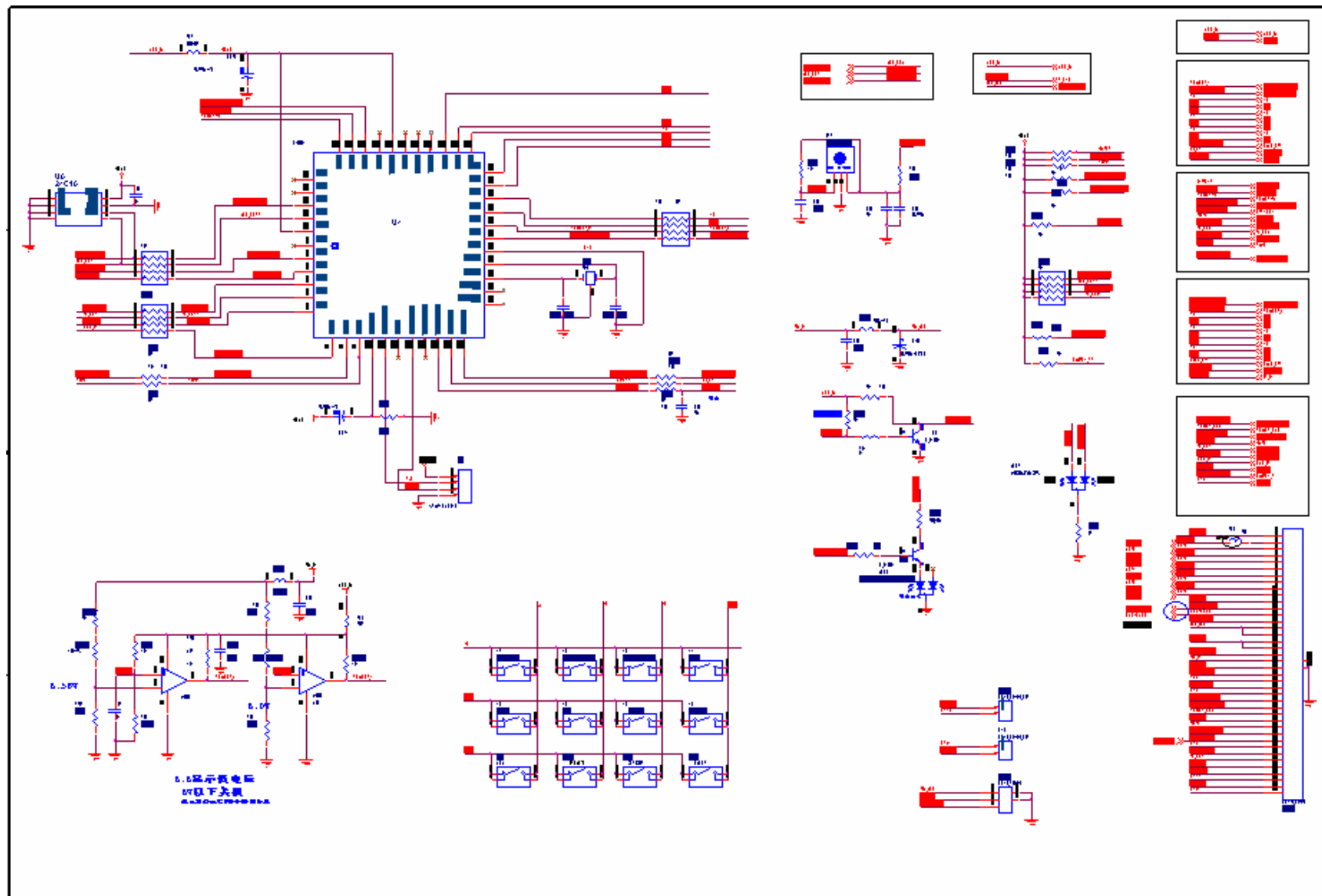
5. MCU AND OUT PART CIRCUIT DIAGRAM



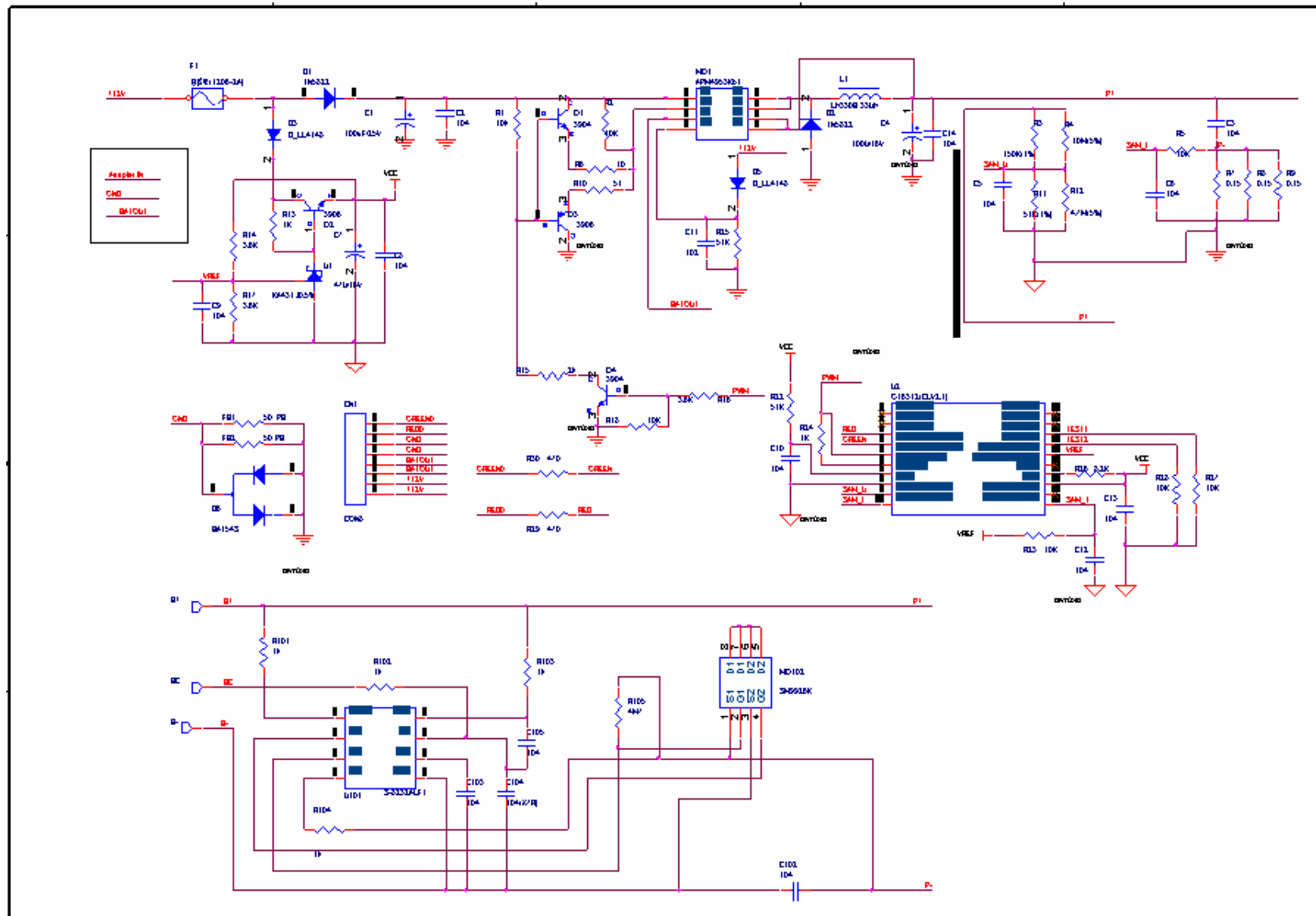
6. DRIVER CIRCUIT DIAGRAM



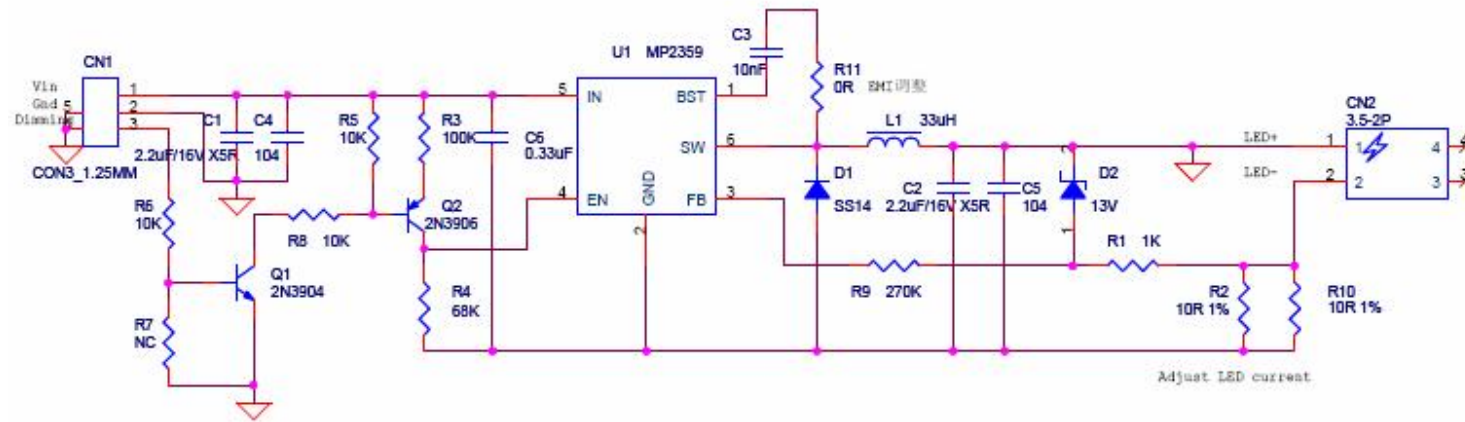
7. MCU AND KEY CIRCUIT DIAGRAM



7.BATTERY CHARGE CIRCUIT DIAGRAM



8. INVERTER CIRCUIT DIAGRAM



Part 4 Part list of PDB-71001

Bom NO.	Part NO.	Part Name.		
PDB07M-5346C01	02.11.PDB07M5346C01	Main board.		
Part NO.	Name	Specifiation	Qty	LOCA NO.
01.57.R.2.E000J	SMD Resistance	0603-0 Ω $\pm 5\%$	32	R103 R133 R135 R136 R137 R152 R201 (R202) (R203) R213 R404 R411 R414 (R415) R418 R419 R420 R421 (R422) R430 R431 R442 R443 (R501) (R507) (R701) (R166) (R167) R214 R215 FB303 FB304
01.57.R.2.E4R7J	SMD Resistance	0603-4.7 Ω $\pm 5\%$	2	(R433) R434
01.57.R.2.E100J	SMD Resistance	0603-10 Ω $\pm 5\%$	1	R209
01.57.R.2.E330J	SMD Resistance	0603-33 Ω $\pm 5\%$	7	R303 R304 R466 R503 R504 R505 R506
01.57.R.2.E750F	SMD Resistance	0603-75 Ω $\pm 1\%$	3	R127 R138 R705
01.57.R.2.E101J	SMD Resistance	0603-100 Ω $\pm 5\%$	8	(R104) R105 R106 (R107) R122 R125 R709 R710
01.57.R.2.E151F	SMD Resistance	0603-150 Ω $\pm 1\%$	2	(R609) (R616)
01.57.R.2.E221J	SMD Resistance	0603-220 Ω $\pm 5\%$	1	R126
01.57.R.2.E331F	SMD Resistance	0603-330 Ω $\pm 1\%$	2	R128 R824
01.57.R.2.E561F	SMD Resistance	0603-560 Ω $\pm 1\%$	1	(R417)
01.57.R.2.E751F	SMD Resistance	0603-750 Ω $\pm 1\%$	1	R823
01.57.R.2.E102J	SMD Resistance	0603-1K Ω $\pm 5\%$	13	R134 R147 R158 R160 R301 R508 R509 R707 R708 R811 R815 R818 R124
01.57.R.2.E362F	SMD Resistance	0603-3.6K Ω $\pm 1\%$	1	R808
01.57.R.2.E472J	SMD Resistance	0603-4.7K Ω $\pm 5\%$	10	R101 R108 R109 R150 (R156) R634 R635 R636 R638 R641
01.57.R.2.E512J	SMD Resistance	0603-5.1K Ω $\pm 5\%$	3	R610 R614 R813
01.57.R.2.E562J	SMD Resistance	0603-5.6K Ω $\pm 5\%$	3	R121 R803 R828
01.57.R.2.E682J	SMD Resistance	0603-6.8K Ω $\pm 5\%$	2	R120 R118
01.57.R.2.E752J	SMD Resistance	0603-7.5K Ω $\pm 5\%$	1	R633
01.57.R.2.E822J	SMD Resistance	0603-8.2K Ω $\pm 5\%$	2	R631 R632
01.57.R.2.E912J	SMD Resistance	0603-9.1K Ω $\pm 5\%$	2	R611 R615
01.57.R.2.E103J	SMD Resistance	0603-10K Ω $\pm 5\%$	46	(R146) (R154) R155 R157 (R204) R205 R206 R208 R211 R302 (R416) R424 R426 R427 R428 R440 R444 R450 R451 R452 R453 R454 R455 R456 R457 (R459) (R460) (R461) (R462) (R463) R464 R465 R502 (R605) (R606) R637 (R702) (R706) R801 R806 R812 R825 R161 R817 R822 R826
01.57.R.2.E103F	SMD Resistance	0603-10K Ω $\pm 1\%$	5	R802 R807 R123 R117 R827
01.57.R.2.E153J	SMD Resistance	0603-15K Ω $\pm 5\%$	4	R305 R306 R405 R449
01.57.R.2.E163J	SMD Resistance	0603-16K Ω $\pm 5\%$	2	R608 R613
01.57.R.2.E183J	SMD Resistance	0603-18K Ω $\pm 5\%$	1	R448

Part NO.	Name	Specification	Qty	LOCA NO.
01.57.R.2.E203J	SMD Resistance	0603-20K $\Omega \pm 5\%$	7	R819 R820 R441 R445 R446 R447 (R642)
01.57.R.2.E393J	SMD Resistance	0603-39K $\Omega \pm 5\%$	2	R804 R829
01.57.R.2.E473J	SMD Resistance	0603-47K $\Omega \pm 5\%$	3	R810 R814 R816
01.57.R.2.E823J	SMD Resistance	0603-82K $\Omega \pm 5\%$	1	(R644)
01.57.R.2.E104F	SMD Resistance	0603-100K $\Omega \pm 1\%$	1	R159
01.57.R.2.E104J	SMD Resistance	0603-100K $\Omega \pm 5\%$	9	R212 (R403) R423 R429 (R458) (R612) (R617) R628 R629
01.57.R.2.E114J	SMD Resistance	0603-110K $\Omega \pm 5\%$	1	R425
01.57.R.2.E154F	SMD Resistance	0603-150K $\Omega \pm 1\%$	2	R406 R407
01.57.R.2.E224F	SMD Resistance	0603-220K $\Omega \pm 1\%$	1	R131
01.57.R.2.E684F	SMD Resistance	0603-680K $\Omega \pm 1\%$	2	R402 R408
01.57.R.2.E754J	SMD Resistance	0603-750K $\Omega \pm 5\%$	1	R401
01.57.R.2.E105J	SMD Resistance	0603-1M $\Omega \pm 5\%$	1	(R153)
01.57.R.3.E1R0J	SMD Resistance	0805-1 $\Omega \pm 5\%$	5	R413 R435 R436 R437 R438
01.57.R.3.E6R8J	SMD Resistance	0805-6.8 $\Omega \pm 5\%$	1	R409
01.57.R.3.E100J	SMD Resistance	0805-10 $\Omega \pm 5\%$	1	(R467)
01.57.R.3.E330J	SMD Resistance	0805-33 $\Omega \pm 5\%$	1	R607
01.57.R.8.EP4704	SMD Resistance row	0603-47 $\Omega *4 \pm 5\%$	6	RN101 RN102 RN103 RN501 FIL401 FIL402
01.54.CS.2.E2P5N50V	SMD Capacitance	0603-2.5P NPO $\pm 0.25\%/50V$	1	(C108)
01.54.CS.2.E5P0N50V	SMD Capacitance	0603-5P NPO $\pm 0.25PF/50V$	1	(C107)
01.54.CS.2.E100N50V	SMD Capacitance	0603-10P NPO $\pm 5\%/50V$	3	(C164) (C475) C476
01.54.CS.2.E200N50V	SMD Capacitance	0603-20P NPO $\pm 5\%/50V$	1	C413
01.54.CS.2.E220N50V	SMD Capacitance	0603-22P NPO $\pm 5\%/50V$	2	C116 C477
01.54.CS.2.E270N50V	SMD Capacitance	0603-27P NPO $\pm 5\%/50V$	2	(C138) (C139)
01.54.CS.2.E330N50V	SMD Capacitance	0603-33P NPO $\pm 5\%/50V$	4	(C213) (C214) (C471) (C472)
01.54.CS.2.E470N50V	SMD Capacitance	0603-47P NPO $\pm 5\%/50V$	2	C709 C710
01.54.CS.2.E101N50V	SMD Capacitance	0603-100P NPO $\pm 5\%/50V$	3	C806 C817 C841
01.54.CS.2.E151N50V	SMD Capacitance	0603-150P NPO $\pm 5\%/50V$	2	C461 C463
01.54.CS.2.E221N50V	SMD Capacitance	0603-220P NPO $\pm 5\%/50V$	2	C607 C609
01.54.CS.2.E331N50V	SMD Capacitance	0603-330P NPO $\pm 5\%/50V$	2	C465 C466
01.54.CS.2.E391N50V	SMD Capacitance	0603-390P NPO $\pm 5\%/50V$	2	C111 C444
01.54.CS.2.E681N50V	SMD Capacitance	0603-680P NPO $\pm 5\%/50V$	2	C711 C712
01.54.CS.2.E102N50V	SMD Capacitance	0603-102 NPO $\pm 5\%/50V$	3	C110 C114 C425

Part NO.	Name	Specification	Qty	LOCA NO.
01.54.CS.2.E152N50V	SMD Capacitance	0603-152 NPO $\pm$ 5%/50V	1	C119
01.54.CS.2.E202X50V	SMD Capacitance	0603-202 X7R $\pm$ 10%/50V	3	C608 C610 (C618)
01.54.CS.2.E222X50V	SMD Capacitance	0603-222 X7R $\pm$ 10%/50V	3	C411 C417 C474
01.54.CS.2.E392X50V	SMD Capacitance	0603-392 X7R $\pm$ 10%/50V	3	C804 C810 C822
01.54.CS.2.E562X50V	SMD Capacitance	0603-562 X7R $\pm$ 10%/50V	1	C456
01.54.CS.2.E103X50V	SMD Capacitance	0603-103 X7R $\pm$ 10%/50V	13	C101 C105 C106 C109 C112 C118 C120 C125 C131 C410 (C801) (C807) C818
01.54.CS.2.E153X50V	SMD Capacitance	0603-153 X7R $\pm$ 10%/50V	1	C468
01.54.CS.2.E333X50V	SMD Capacitance	0603-333 X7R $\pm$ 10%/50V	1	C435
01.54.CS.2.E473X50V	SMD Capacitance	0603-473 X7R $\pm$ 10%/50V	3	C113 C434 C436
01.54.CS.2.E104Y50V	SMD Capacitance	0603-104 Y5V-20+80%/50V	116	(C103) (C104) (C126) (C129) C133 (C134) C135 C140 (C141) (C142) (C144) (C145) (C146) (C147) (C148) (C149) (C150) (C151) (C152) (C153) (C154) (C155) (C156) (C157) (C158) (C159) (C201) (C202) C203 (C205) (C206) (C207) (C208) (C209) (C210) (C302) C303 (C404) (C405) (C406) (C407) (C408) C409 (C412) (C414) (C415) (C416) (C418) (C419) (C421) C422 (C423) (C424) (C426) (C427) (C428) (C429) (C430) (C431) (C432) C433 (C437) C438 (C439) (C441) (C442) (C443) C451 C452 (C453) C455 (C457) C458 (C459) C460 C462 C464 C467 C469 C470 (C473) (C502) C503 C504 C505 C506 C507 C508 C509 C510 C511 (C605) (C606) (C713) C803 C809 C813 C814 C815 C816 C821 C823 (C828) C829 C830 (C831) (C832) C833 (C834) (C835) C836 C837 (C838) C839 (C840) C842
01.54.CS.2.E224X16V	SMD Capacitance	0603-224 X7R $\pm$ 10%/16V	10	C123 C802 C805 C808 C811 C819 C820 C825 C826 C827
01.54.CS.2.E474X10V	SMD Capacitance	0603-474 X7R $\pm$ 10%/10V	2	C121 C160

Part NO.	Name	Specification	Qty	LOCA NO.
01.54.CS.2.E105X16V	SMD Capacitance	0603-105 X7R±10%/16V	18	C445 C446 C447 C448 C449 C611 C612 C613 C614 C615 C616 (C617) C619 C620 C621 C622 C625 C626
01.54.CS.2.E225X10V	SMD Capacitance	0603-225 X7R±10%/10V	1	(C627)
01.54.CS.3.E475X16V	SMD Capacitance	0805-475 X7R±10%/16V	4	C102 C115 (C420) (C624)
01.54.CS.3.E106Y10V	SMD Capacitance	0805-106 Y5V-20+80%/10V	1	(C132)
01.35.CC.E120610U16V	SMD Ceramic Cpacitance	ECJMFF1C106Z	5	C480 C602 C603 C604 C623
01.35.CC.E120622U10V	SMD Ceramic Cpacitance	ECJMFF1A226Z	11	C301 (C304) (C305) C306 (C440) C450 (C454) (C601) (C478) (C479) C812
01.33.CT.EB100U6V3	SMD Ta Capacitance	T491B107K006AS	1	CE810
01.13.L.Z.ESA120	SMD Magnetism bead	0603-120 Ω	1	FB815
01.13.L.Z.ESA120	SMD Magnetism bead	0603-120 Ω	1	R466
01.13.L.Z.ESA300	SMD Magnetism bead	0603-300 Ω	4	(FB701) (FB702) FB704 FB705
01.13.L.Z.ESB50P	SMD Magnetism bead	0805-50 Ω PB	27	FB101 FB102 (FB104) (FB105) (FB106) (FB107) (FB108) FB109 FB201 FB202 FB301 FB302 FB401 (FB402) (FB403) FB404 FB405 (FB406) (FB407) FB408 (FB605) FB703 (FB706) FB809 (FB810) FB812 (FB813)
01.13.L.Z.ESC50P	SMD Magnetism bead	1206-50 Ω PB	5	(FB801) (FB802) (FB803) (FB805) FB606
01.41.D.PS.ESMBJ26A	Diode	SMBJ26A SMD	1	D807
01.41.D.PS.ESS24	Diode	SS24 SMD	3	D801 D802 D805
01.41.D.PS.ESS5822	Diode	SS5822 SMD	1	D806
01.41.D.PS.EBA277	Diode	BA277 SMD	3	D101 D102 D103
01.41.D.PS.ELL4148	Diode	LL4148 SMD	4	D401 D803 D804 D808
01.41.D.PS.E54S	Diode	BAT54S SMD	1	D701
01.42.Q.S.E2N3906	Audion	2N3906 SMD	2	Q105 Q802
01.42.Q.S.E2N3904	Audion	2N3904 SMD	8	Q102 Q103 Q104 Q401 Q402 Q601 Q801 Q803
01.42.Q.S.E3018	Transistor	2SK3018T106 SMD	2	MQ401 MQ402

Part NO.	Name	Specification	Qty	LOCA NO.
01.42.Q.S.E2301P	Audion	AF2301P SMD	4	MQ801 MQ802 MQ803 MQ804
01.42.Q.S.E1132	Audion	2SB1132 SMD	2	Q403 Q404
01.34.CL.D.E47U10VA	Electrolyse Capacitance	CDV-47UF/10V 4*5	3	CE201 CE414 CE415
01.34.CL.D.E100U10VA	Electrolyse Capacitance	CDV-100UF/10V 5*5	5	CE101 CE107 CE815 CE701 CE702
01.34.CL.S.E22U16V	Aluminous electrolysis SMD	CDVS-22UF/16V 4*5.4	1	CE202
01.34.CL.S.E47U16V	Aluminous electrolysis SMD	CDVS-47UF/16V 6.3*5.4	1	CE112
01.34.CL.S.E100U10VA	Aluminous electrolysis SMD	CDVS-100UF/10V 5*5.4	19	CE103 CE104 CE105 CE114 CE404 CE405 CE408 CE409 CE410 CE411 CE413 CE418 CE614 CE805 CE806 CE816 CE817 CE818 CE820
01.34.CL.S.E100U25V	Aluminous electrolysis SMD	CDVS-100UF/25V 6.3*7.7	6	CE604 CE605 CE803 CE811 CE812 CE813
01.34.CL.S.E220U16V	Aluminous electrolysis SMD	CDVS-220UF/16V 6.3*7.7	3	CE802 CE804 CE808
01.00.JZ.E04000C	Oscillator SMD	4.000MHZ-22PF 49SMT 2pin SMD	1	Y102
01.00.JZ.E27000F	Oscillator DIP	27.000MHZ-49S-20PF/±20PPM/ 3Pin	3	Y101 Y201 Y401
01.13.L.L.S.E006	Inductance SMD	0805-1.8UH SMD	1	L702
01.13.L.L.S.E011	Inductance SMD	0805-3.3UH SMD	2	(L401) (L402)
01.13.L.L.S.E012	Inductance SMD	0805-4.7UH SMD	3	L403 L404 L405
01.13.L.L.S.E007	Inductance SMD	0805-10UH SMD	2	L406 L407
01.13.L.L.S.E018	Inductance SMD	1206-10UH SMD	1	L103
01.13.L.L.S.E114	Inductance SMD	SLF7032-22UH SMD	3	L801 L802 L803
01.13.L.L.S.E090	Inductance SMD	1210-10UH(NLCV32T-100K-PF) SMD	1	(FB804)
01.00.ZJ.LBQ.E033	Filter	MEA3216L101R	2	FIL401 FIL402
01.46.IC.EMT5131PE	IC	MT5131PE SMD	1	U101
01.46.IC.E8606	IC	MT8606 SMD	1	U201
01.44.IC.S.E1117	IC	AZ1117H-ADJ SMD	1	U804
01.46.IC.EMT1389DEH	IC	MT1389DE/H SMD	1	U401
01.46.IC.HY57V641620ETP7	IC	HY57V641620ETP-7 SMD	1	U501

Part NO.	Name	Specification	Qty	LOCA NO.
01.46.IC.E24C16	IC	24C16 SMD	1	U503
01.44.IC.S.E74HC04	IC	74HC04 SMD	1	U202
01.44.IC.S.E9886	IC	TDA9886TS SMD	1	U102
01.44.IC.S.E1411	IC	MP1411 SMD	3	U801 U802 U803
01.44.IC.S.EEUA6011	IC	EUA6011 SMD	1	U605
01.44.IC.S.ER4558	IC	RC4558 SMD	1	U603
01.44.IC.S.E29LV160CBTC	IC	KH29LV160CBTC-70G SMD	1	U502
01.44.IC.S.EBA5954FP	IC	BA5954FP SMD	1	U402
01.44.IC.S.E6287	IC	BA6287 SMD	1	U403
01.44.IC.S.E4053D	IC	74HC4053D SMD	2	U301 U302
01.44.IC.S.E4052	IC	CD4052 SMD	1	U604
01.40.CON.DCZ.E117	USB Jack	USB-2(DIP)	1	JP301
01.40.CON.DCZ.E279	Card Jack	R009-020-LR (3IN1_CARD) SMD	1	SD301
01.38.FUSE.D.EC6S075	Fuse	C6-S075 (PTC) DIP	1	F301
01.00.ZJ.LBQ.E037	Sound Filter	D9103H DIP	1	FIL102
01.00.ZJ.LBQ.E038	Sound Filter	D3953H DIP	1	FIL101
01.31.GPT.E113	Runer	DTT-6A1/T114 DIP	1	(TU101)
01.39.SW.BD.EEG3	Band switch	SK-42D01-EG3 DIP	1	SW701
01.40.CON.S10.FPC1.E016	SMD Jack	FPC-1.0-12Pupper connection(lie paste)	1	CN403
01.40.CON.S05.E007	SMD Jack	FPC-0.5-24Pupper connection(lie paste)	1	CN402
01.40.CON.S05.E018	SMD Jack	FPC-0.5-40Pupper connection(lie paste)	1	CN802
01.40.CON.S13.AY.E003	SMD Jack	1.25-2A(lie paste)	1	CN801
01.40.CON.S13.AY.E008	SMD Jack	1.25-8A(lie paste)	1	CN803
01.40.CON.DCZ.E229	Power Jack	DC-030 black DIP	1	JP801
01.40.CON.DCZ.E020	Earphone Jack	CK-3.5-023P1K,ST-3506 1 DIP	1	JP703
01.40.CON.DCZ.E024	Audio Jack	ST-3531 (Black) DIP	1	JP701

01.40.CON.DCZ.E037	Video Jack	ST-3531 (Yellow) DIP	1	JP702
01.37.PCB.2.E5346C	Main board.	5346C	1	
Bom NO.	Part NO.	Part Name.		
PDB07D-5368C01	02.12.PDB07D5368C01	Driver board.		
Part NO.	Name	Specification	Qty	LOCA NO.
01.57.R.2.E000J	SMD Resistance	0603-0 Ω $\pm 5\%$	6	R13 R41 R50 R57 R91 FB6
01.57.R.2.E220J	SMD Resistance	0603-22 Ω $\pm 5\%$	4	R19 R21 R23 R24
01.57.R.2.E330J	SMD Resistance	0603-33 Ω $\pm 5\%$	6	R35 R63 R64 R65 R66 R67
01.57.R.2.E470J	SMD Resistance	0603-47 Ω $\pm 5\%$	2	R15 R16
01.57.R.2.E101J	SMD Resistance	0603-100 Ω $\pm 5\%$	9	R88 R89 R9 R26 R28 R33 R38 R43 R52
01.57.R.2.E151J	SMD Resistance	0603-150 Ω $\pm 5\%$	2	R42 R51
01.57.R.2.E161J	SMD Resistance	0603-160 Ω $\pm 5\%$	2	R40 R54
01.57.R.2.E201J	SMD Resistance	0603-200 Ω $\pm 5\%$	2	R12 R18
01.57.R.2.E301J	SMD Resistance	0603-300 Ω $\pm 5\%$	4	R3 R5 R32 R37
01.57.R.2.E431J	SMD Resistance	0603-430 Ω $\pm 5\%$	2	R7 R25
01.57.R.2.E821J	SMD Resistance	0603-820 Ω $\pm 5\%$	4	R1 R2 R27 R31
01.57.R.2.E102J	SMD Resistance	0603-1K Ω $\pm 5\%$	1	(R53)
01.57.R.2.E152J	SMD Resistance	0603-1.5K Ω $\pm 5\%$	2	R8 R17
01.57.R.2.E202J	SMD Resistance	0603-2K Ω $\pm 5\%$	2	R90 R94
01.57.R.2.E202F	SMD Resistance	0603-2K Ω $\pm 1\%$	1	R82
01.57.R.2.E222J	SMD Resistance	0603-2.2K Ω $\pm 5\%$	1	R39
01.57.R.2.E302J	SMD Resistance	0603-3K Ω $\pm 5\%$	4	R4 R10 R14 R22
01.57.R.2.E4321F	SMD Resistance	0603-4.32K Ω $\pm 1\%$	1	R79
01.57.R.2.E472J	SMD Resistance	0603-4.7K Ω $\pm 5\%$	8	R34 (R48) (R70) R80 R81 R83 R85 R87
01.57.R.2.E752J	SMD Resistance	0603-7.5K Ω $\pm 5\%$	2	R6 R20

Part NO.	Name	Specification	Qty	LOCA NO.
01.57.R.2.E103J	SMD Resistance	0603-10K Ω $\pm$ 5%	15	R49 R56 R58 R68 (R69) R71 (R72) R73 R74 (R75) R76 R84 R86 R92 R93
01.57.R.2.E123J	SMD Resistance	0603-12K Ω $\pm$ 5%	2	R77 R78
01.57.R.2.E563J	SMD Resistance	0603-56K Ω $\pm$ 5%	1	R55
01.57.R.2.E105J	SMD Resistance	0603-1M Ω $\pm$ 5%	1	R36
01.57.R.3.E000J	SMD Resistance	0805-0 Ω $\pm$ 5%	1	FB5
01.57.R.3.E271J	SMD Resistance	0805-270 Ω $\pm$ 5%	1	R47
01.57.R.3.E103J	SMD Resistance	0805-10K Ω $\pm$ 5%	2	R45 R46
01.57.R.8.EP2204	SMD Resistance	0603-22 Ω *4 $\pm$ 5%	2	RP2 RP3
01.57.R.8.EP3304	SMD Resistance	0603-33 Ω *4 $\pm$ 5%	6	RN1 RN2 RP4 R60 R61 R62
01.57.R.8.EP4704	SMD Resistance row	0603-47 Ω *4 $\pm$ 5%	2	RP1 RP5
01.57.R.8.EP1034	SMD Resistance row	0603-10K Ω *4 $\pm$ 5%	1	(RN3)
01.54.CS.2.E8P0N50V	SMD Capacitance	0603-8P NPO $\pm$ 5%/50V	1	C32
01.54.CS.2.E200N50V	SMD Capacitance	0603-20P NPO $\pm$ 5%/50V	1	C76
01.54.CS.2.E220N50V	SMD Capacitance	0603-22P NPO $\pm$ 5%/50V	4	C31 C42 (C71) (C72)
01.54.CS.2.E270N50V	SMD Capacitance	0603-27P NPO $\pm$ 5%/50V	2	C43 C44
01.54.CS.2.E331X50V	SMD Capacitance	0603-330P X7R $\pm$ 10%/50V	2	C53 C64
01.54.CS.2.E681X50V	SMD Capacitance	0603-680P X7R $\pm$ 10%/50V	2	C52 C63
01.54.CS.2.E104Y50V	SMD Capacitance	0603-104Y5V-20+80%/50V	52	C2 C3 (C4) (C5) (C6) (C7) (C8) (C9) (C10) (C11) (C12) (C13) (C14) (C15) (C16) C17 C18 C19 C20 (C21) (C22) (C23) (C24) (C25) C26 C27 C28 C29 C30 C33 C34 C35 C36 (C37) (C38) C39 C40 C41 C48 C49 C50 C58 C59 C65 C66 C69 C70 C73 C74 C75 C77 C79
01.54.CS.2.E105Y10V	SMD Capacitance	0603-105Y5V-20+80%/10V	7	C47 C51 C56 C57 C60 C61 C62
01.35.CC.E12064U725V	SMD Ceramic Cpacitance	C3216Y5V1E475Z	2	C54 C55
01.35.CC.E12062U216VX	SMD Ceramic Cpacitance	C3216X7R1C225KT	2	C1 (C78)
01.35.CC.E121022U16V	SMD Ceramic Cpacitance	C3225Y5V1C226Z	2	C67 C68

Part NO.	Name	Specification	Qty	LOCA NO.
01.34.CL.D.E10U16VA	Electrolyse Capacitance	CDV-10UF/16V 4*5	2	(CE13) (CE14)
01.34.CL.D.E100U6V3A	Electrolyse Capacitance	CDV-100UF/6.3V 5*5	11	(CE1) (CE2) (CE3) (CE4) (CE5) (CE6) (CE7) (CE8) (CE9) (CE10) (CE11)
01.34.CL.S.E100U25V	Electrolyse Capacitance	CDVS-100UF/25V 6.3*7.7	1	CM2
01.13.L.Z.ESA120	SMD Magnetism bead	0603-120 Ω	2	R29 R30
01.13.L.Z.ESB50	SMD Magnetism bead	0805-50 Ω	1	FB1
01.13.L.Z.ESB100	SMD Magnetism bead	0805-100 Ω	3	FB2 L3 FB3
01.13.L.Z.ESB120	SMD Magnetism bead	0805-120 Ω	2	L6 L5
01.13.L.Z.ESC100P	SMD Magnetism bead	1206-100 Ω PB	1	FB4
01.13.L.L.S.E030	SMD Inductance	ELL6SH5R6M(5.6UH) SMD	1	L11
01.13.L.L.S.E003	SMD Inductance	0603-2.7UH SMD	2	L7 L8
01.13.L.L.S.E007	SMD Inductance	0805-10UH SMD	2	L2 L4
01.13.L.L.S.E018	SMD Inductance	1206-10UH SMD	2	(L9) (L10)
01.13.L.L.S.E090	SMD Inductance	1210-10UH(NLCV32T-100 K-PF SMD) SMD	2	L1 L12
01.41.D.PS.E5819	Diode	5819 1A SMD	2	D7 D8
01.41.D.WS.E15V	Manostat SMD	15V	1	D2
01.41.D.WS.E10V	Manostat SMD	10V	1	D1
01.41.D.PS.E54S	Diode	BAT54S SMD	4	D3 D4 D5 D6
01.41.D.FD.E3RG	Radiator Diode	$\phi 3$ DIP(Red and Green)	2	(LED1) (LED2)
01.42.Q.S.E2N3904	Audion	2N3904 SMD	2	Q1 Q2
01.44.IC.S.EMP1540	IC	MP1540 SMD	1	U2
01.46.IC.E24C16	IC	24C16 SMD	1	U6
01.44.IC.S.E101A	IC	T101A SMD	1	U1
01.44.IC.S.ELM393	IC	LM393 SMD	1	U5
01.44.IC.S.E2830	IC	CEM2830A SMD	1	U3
01.44.IC.S.E5964	IC	SM5964C40J SMD	1	U4

Part NO.	Name	Specification	Qty	LOCA NO.
01.44.IC.D.E538CB5100	IC	HRM538CB5100 DIP	1	(IR1)
01.00.JZ.E27000F	Oscillator DIP	27.000MHZ-49S-20PF/±20PPM/ 3Pin	1	(Y1)
01.00.JZ.E12000	Oscillator DIP	12.000MHZ-49S-20P	1	(Y2)
01.40.CON.S05.E014	JACK SMD	FPC-0.5-30P (lie paste)	2	CN1 CN2
01.40.CON.S05.E018	JACK SMD	FPC-0.5-40P Upper Connet(lie paste)	1	CN3
01.40.CON.S13.AY.E005	JACK SMD	1.25-3A(lie paste)	1	CN5
01.40.CON.DTJ.E043	JACK	TJC3-2A flame retardant(lie paste)	2	(CN4) (CN6)
01.39.SW.QC.ESKFCD	Touch switch	KFC-2TP030D(6*6*3.1)250g±20%	12	(K1) (K2) (K3) (K4) (K5) (K6) (K7) (K8) (K9) (K10) (K11) (K12)
01.37.PCB.2.E5368C	Driver Board	5368C	1	
Bom NO.	Part NO.	Part Name.		
MINV10-A7IL2M01	02.07. MINV10A7IL2M01	Inverter Borad		
Part NO.	Name	Specification	Qty	LOCA NO.
01.57.R.4.E8R2F	SMD Resistance	1206-8.2Ω ±1%	1	R10
01.57.R.4.E9R1F	SMD Resistance	1206-9.1Ω ±1%	1	R2
01.57.R.2.E000J	SMD Resistance	0603-0Ω ±5%	1	R11
01.57.R.2.E102J	SMD Resistance	0603-1KΩ ±5%	1	R1
01.57.R.2.E103J	SMD Resistance	0603-10KΩ ±5%	4	R5 R6 R7 R8
01.57.R.2.E683J	SMD Resistance	0603-68KΩ ±5%	1	R4
01.57.R.2.E104J	SMD Resistance	0603-100KΩ ±5%	1	R3
01.57.R.2.E274J	SMD Resistance	0603-270KΩ ±5%	1	R9
01.54.CS.2.E103X50V	SMD Resistance	0603-103 X7R±10%/50V	1	C3
01.54.CS.2.E104X50V	SMD Resistance	0603-104 X7R±10%/50V	2	C4 C5
01.54.CS.2.E334Y25V	SMD Capacitance	0603-334 Y5V-20+80%/25V	1	C6
01.35.CC.E12062U216VX	SMD Ceramic Cpacitance	C3216X7R1C225KT	2	C1 C2

Part NO.	Name	Specification	Qty	LOCA NO.
01.41.D.PS.E5819	Diode	5819 1A SMD	1	D1
01.41.D.WS.E13V	Manostat SMD	13V	1	D2
01.42.Q.S.E2N3904	Audion	2N3904 SMD	1	Q1
01.42.Q.S.E2N3906	Audion	2N3906 SMD	1	Q2
01.40.CON.S13.AY.E005	Jack SMD	1.25-3A(lie paste)	1	CN1
01.40.CON.S35.E001	JACA SMD	3.5-2P	1	CN2
01.13.L.L.S.E264	SMD Inductance	LSS57S30-330(33UH)	1	L1
01.44.IC.S.EMP2359	IC	MP2359 SMD	1	U1
01.37.PCB.2.E5383C	Inverter Borad	5383C	1	