

Service Manual



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The Service Guide of VM9213

1. The Unit can not be powered on.

- 1) Check whether there is a fuse in the filter box of power line or whether the fuse has been blown.
- 2) If the unit can not be powered on yet, change the power line.
- 3) If the unit still can not be powered on, you should check whether the reset button is pushed down by the front panel.
- 4) If the unit can not be powered on yet after the above operation, you should change the mainboard part.

2. No display

- 1) Check whether the connection of video output is right.
- 2) If there is no display yet, change the video output line.
- 3) If there is no display yet, change the mainboard part.
- 4) If there is no display after the above operation, you should change the video driver board part.

3. Shut down automatically

- 1) Check whether the power supply is accord with the specification.
- 2) Check whether the fuse in the filter box of the power line has been blown.
- 3) Check whether the ACC is connected to the high level (The ACC is connected to the battery generally).
- 4) If the trouble is still not solved yet, check the connection between the front panel and the mainboard. If necessary, change the connector.
- 5) If the unit shuts down automatically yet after the above operation, you should change the mainboard part.

4. No audio output

- 1) Check whether the MUTE key is pressed.
- 2) Check whether the Fast Forward key or the Fast backward key is pressed.
- 3) Check whether now playing has audio.
- 4) Change the audio output line.
- 5) If there is no audio output yet, change the mainboard part.
- 6) If the trouble is not solved yet after the above operation, change the loader part.

5. AUX-IN function failure

- 1) Check whether the AUX-IN input line is available.
- 2) If the AUX-IN function is viod yet, change the mainboard part.

6. TV/NAVI function failure

- 1) Check whether the connection is right.
- 2) the TV/NAVI function is viod yet, change the mainboard part.

7. The fan can not work normally.

- 1) Check whether the power supply is turned on.
- 2) Check whether the power socket of the fan is connected firmly.
- 3) Chang a good fan.
- 4) If the fan can not turn yet after the above operation, chang the mainboard.

8. The color of TFT is abnormal

- 1) Check whether the video output of rear zone is normal.
- 2) If the video output of rear zone is normal, that is to say the decode works normally, and you should check the connection between the mainboard and the TFT unit.
- 3) If the video output of rear zone is abnormal, change the mainboard part.
- 4) If the color of TFT is abnormal yet after the above operation, change the video driver board part.

9. White screen

- 1) Check the connection between the loader and the mainboard, the mainboard and the power supply board of TFT, the power supply board of TFT and the TFT.
- 2) If the trouble is still not solved, change the power supply board of TFT.
- 3) If the trouble is still not solved after the above operation, change the Display part.

10. Black screen(No display in the TFT)

- 1) Check the connection between the loader and the mainboard, the mainboard and the power supply board of TFT, the power supply board of TFT and the TFT.
- 2) Check whether the background lights are illumed. If not, change the CCFL board.
- 3) If there is no display in the TFT, change the display part.
- 4) If there is still no display in the TFT after the above operation, change the mainboard part.

11. Blue screen

- 1) Check whether the video output of rear zone is normal.
- 2) Check whether the source can normally change. And have sound output
- 3) If yes,check the reverse detect line.
- 4) If not, change the mainboard part.

- 5) If not yet, change the video driver board part.

12. The icon of MUTE displays in the TFT at all times

- 1) Check whether there is any audio output.
- 2) If the audio output is normal, change the mainboard part. If the trouble is still not solved, change the display part.
- 3) If the audio output is abnormal, change the mainboard part. If the trouble is still not solved, change the loader part.

13. Beeper function failure

- 1) Check whether the beeper has turn off in the setup option.
- 2) Change the beeper.
- 3) If the trouble is not solved yet, change the mainboard part.

14. Key function failure

- 1) Check whether the key in the front panel is available.
- 2) Check the connection between the front panel and the mainboard. If necessary, change the FFC connector.
- 3) If the key in the front panel is void, change the front panel part.

15. Remote controller function failure

- 1) Check whether the key in the front panel is valid.
- 2) If the key in the front panel is valid, that is to say the mainboard works normally. Check whether the battery of the remote controller is available or change another one good.
- 3) If the key in the front panel is void, you should check the connection between the front panel and the mainboard. If necessary, change the FFC connector.
- 4) If the trouble is still not solved yet, change the front panel.
- 5) If the trouble is still not solved yet, change the mainboard part.

16. No display in the LCD

- 1) Make sure the TFT unit is closed.
- 2) If there is no display in the LCD also, you should change the LCD board.

17. Display in the LCD is abnormal

- 1) Check the connection between the mainboard and keypad .
- 2) If the display of LCD is abnormal, you should change the LCD board.

18. No volume display in the TFT

- 1) Check whether the volume knob is available.
- 2) Check whether there is volume display in the TFT using the remoter controller to adjust the volume.
- 3) If there is volume display in the TFT using the remoter controller to adjust the volume, that is to say the display part and the mainboard part work normally, you should change the front panel part.

- 4) If there is no volume display in the TFT using the remoter controller to adjust the volume, change the mainboard part.
- 5) If the trouble is still not solved yet, change the display part.

19. The picture of playback is not fluent

- 1) Check whether the disc is dirty, scratched or deformed.
- 2) Check whether the lens of pick-up is dirty and clean it.
- 3) If the picture of playback is not fluent yet, you should change the loader part.

20. Loading failure

- 1) Check whether the disc you want playback is accord with the specification.
- 2) Check the connection between the pick-up mechanism and the servo&MPEG board. If necessary, chang the loader part.

21. Can not insert one disc

- 1) Check whether there is another disc in the unit.
- 2) Check the connection between the loader part and the mainboard part. If necessary, change the connector.
- 3) If the trouble still exists, change the loader part.
- 4) If the trouble is still not solved after the above operation, change the mainboard part.

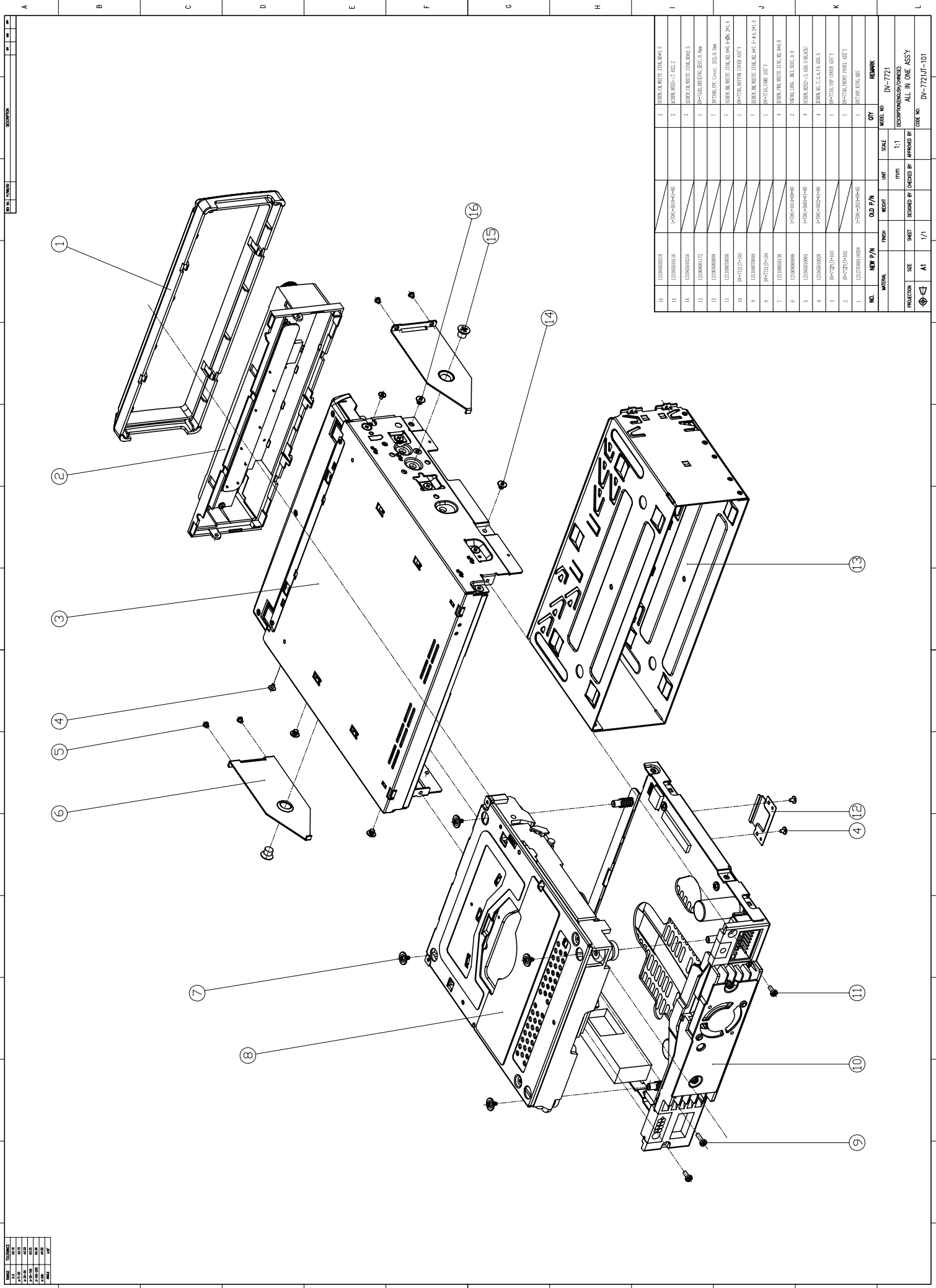
22. Can not eject the disc

- 1) Check the connection between the front panel and the mainboard.
- 2) Check the connection between the mainboard and the loader.
- 3) If the trouble is still not be solved, chang the loader.
- 4) If the trouble is still not be solved after changing the loader, change the mainboard.

23. Eject the disc automatically

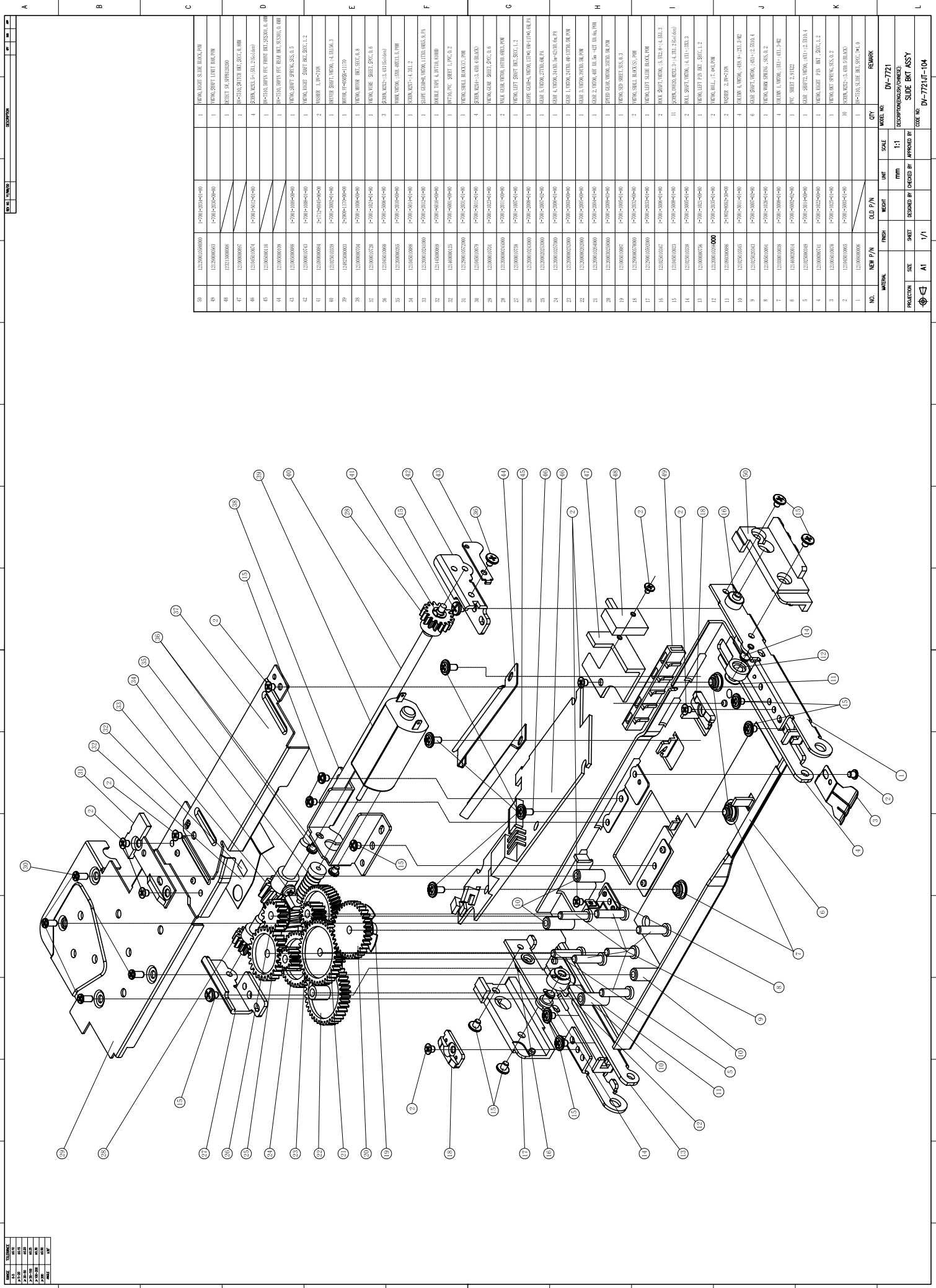
- 1) Check the connection between the loader and the mainboard.
- 2) If the trouble still exists, change the loader.
- 3) If the trouble is not solved yet after changing the loader, you should change the mainboard.

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12	2016-03-01	WJ	WJ
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16	2016-03-01	WJ	WJ



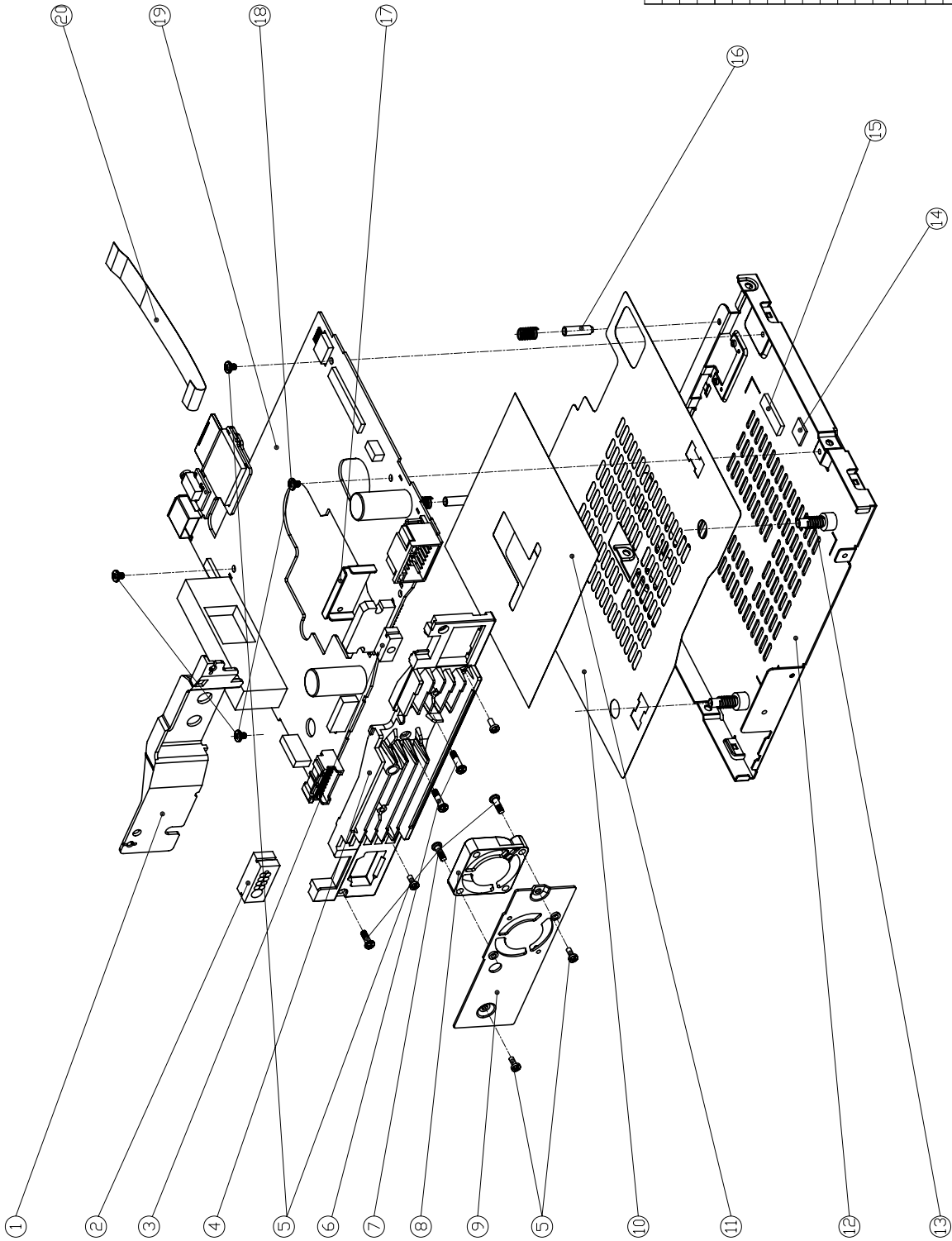
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DW-7721				
ALL IN ONE ASSY				
DW-7721J-101				

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16	2023-08-15	15	15	15



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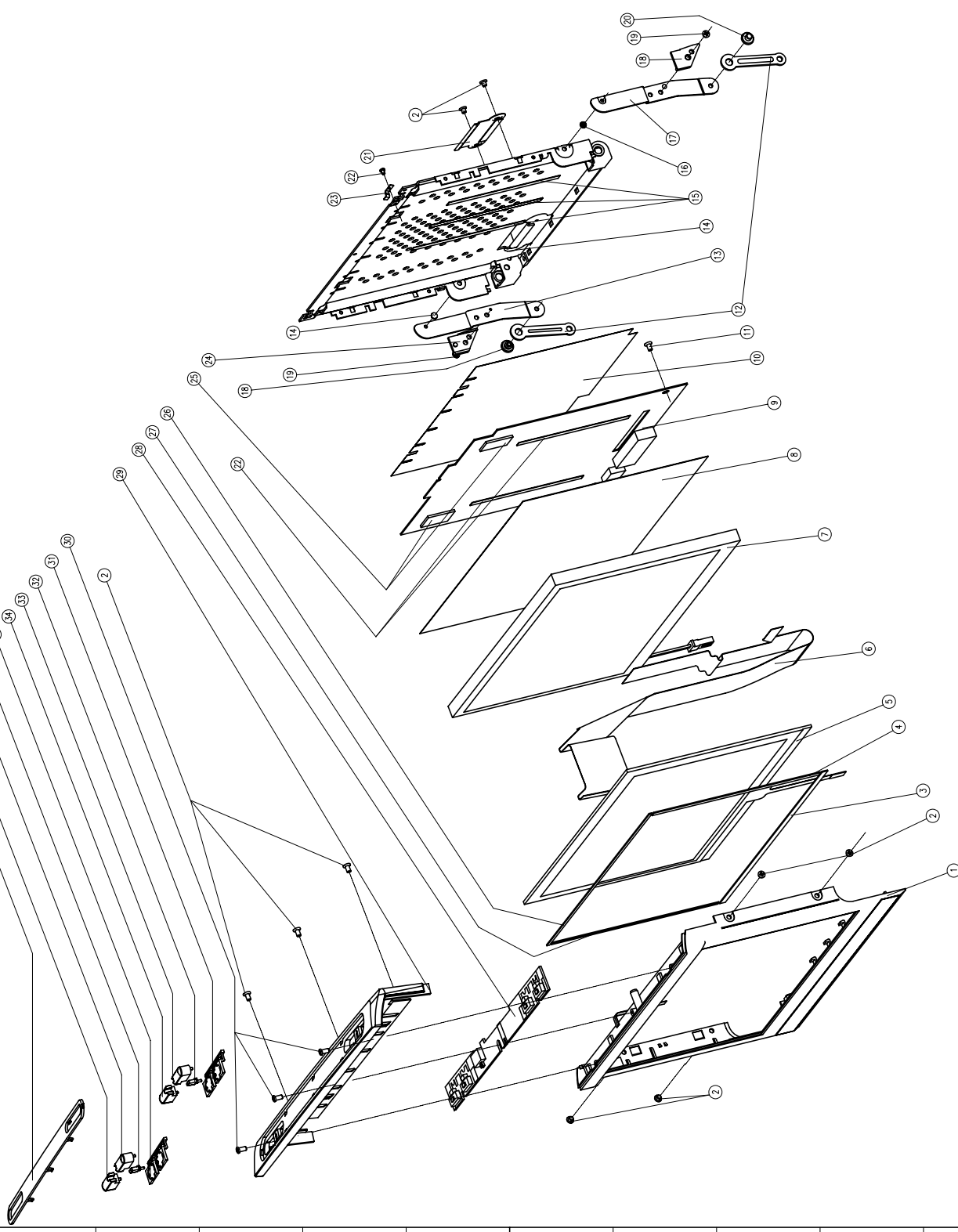
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[illegible]

RANGE	TOLERANCE
0-5	±0.10
> 5-25	±0.15
> 25-50	±0.20
> 50-100	±0.25
> 100-200	±0.30
> 200	±0.50
ANGLE	±30°

[illegible]

6	5	4	3	2	1	
CHANGE	MARKS	REF NO	DESCRIPTION		SGN	APP
	△1					
	△2					
	△3					
	△4					
	△5					

D

C

B


A






DV-7721 MAINBOARD (ZR36966)

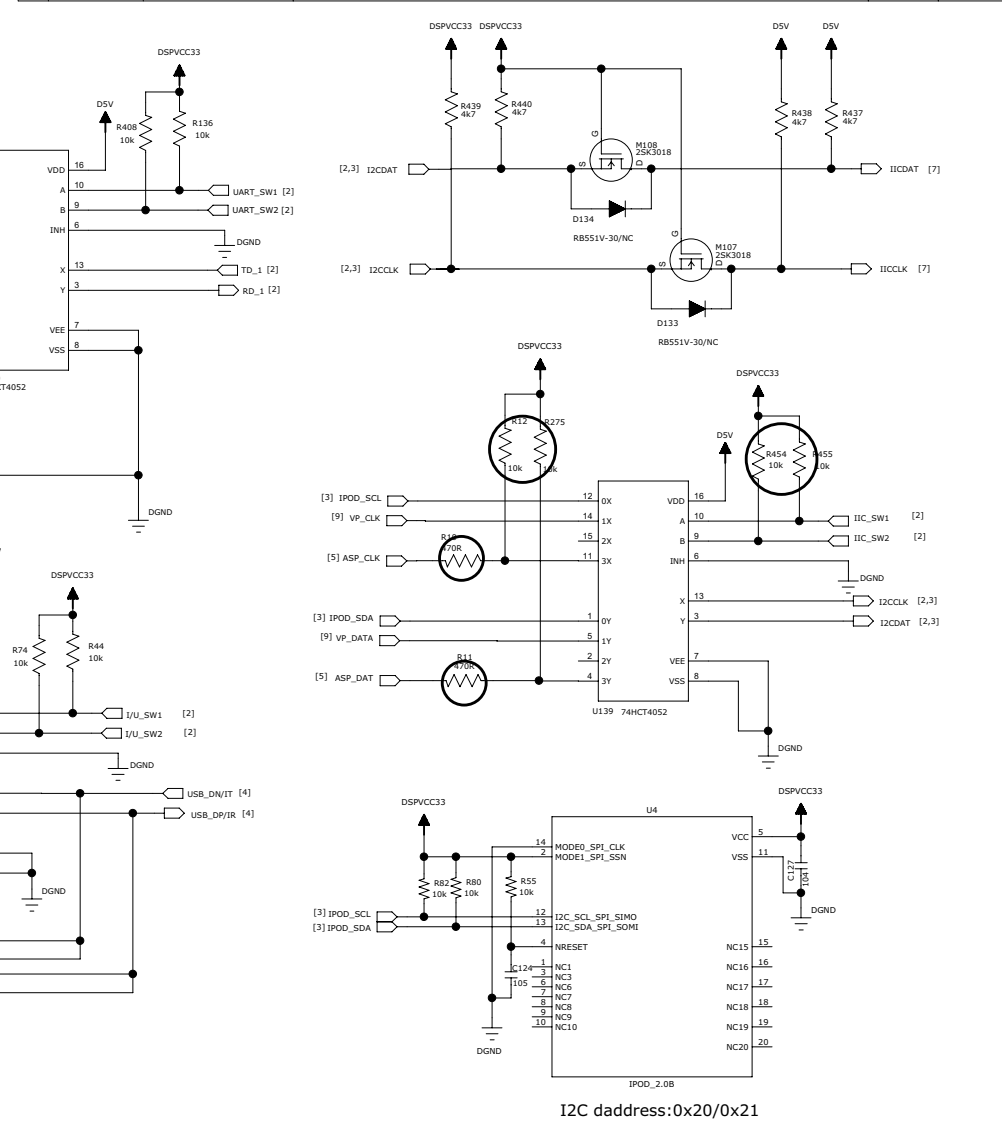
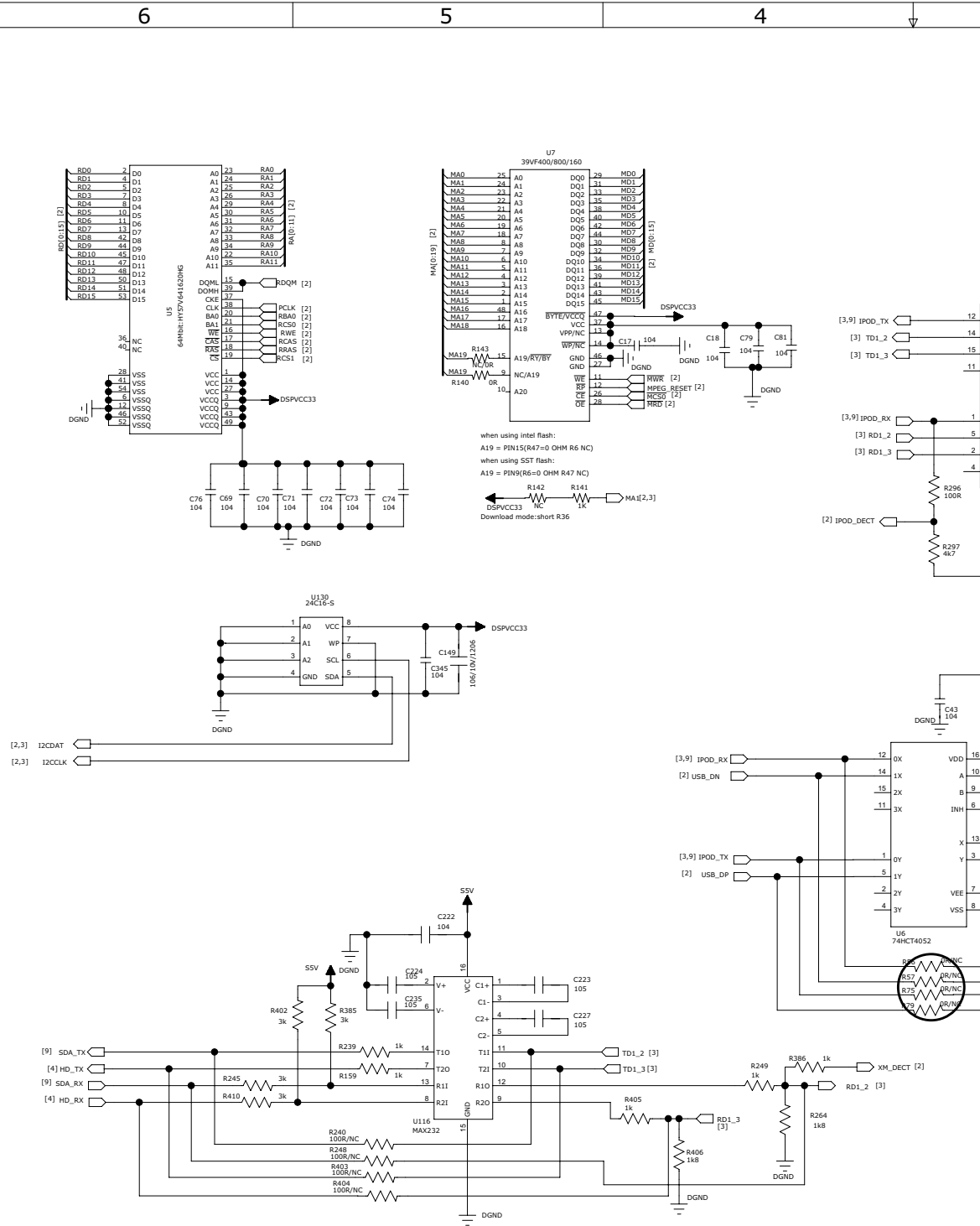
(TUNER+VIDEO+AMP+MCU+SUPPLY+MPEG)


Ver09

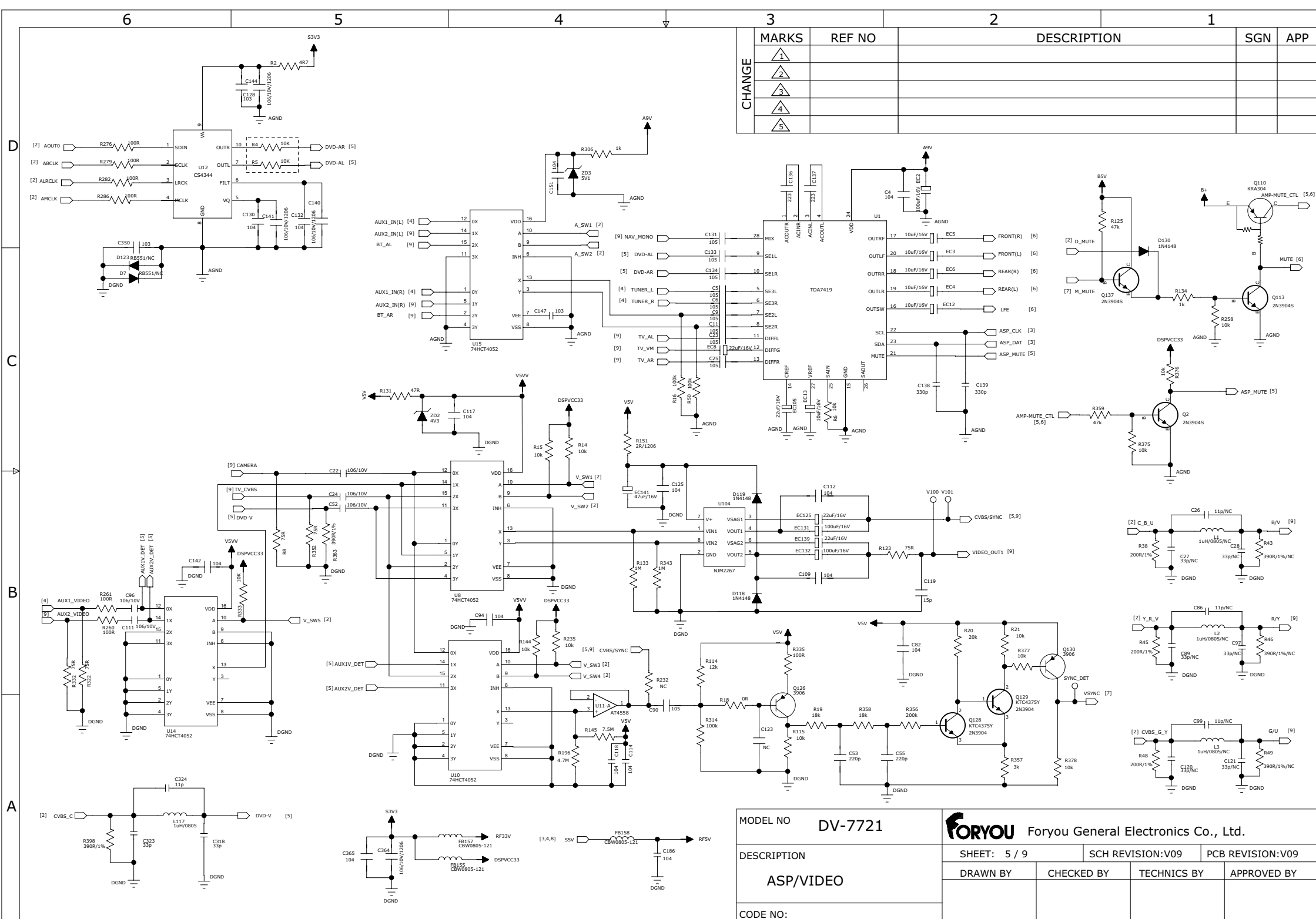
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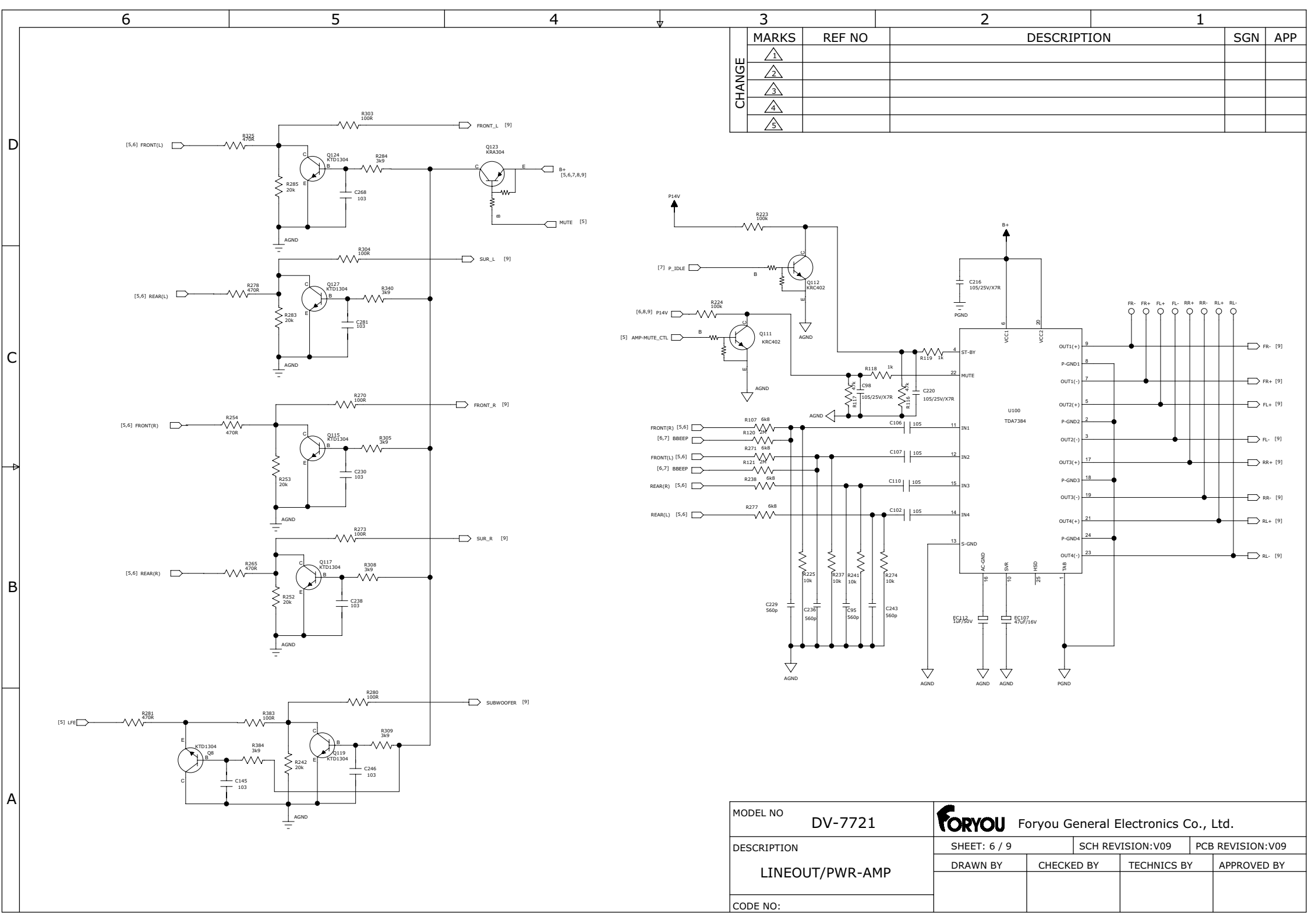
MODEL NO	DV-7721	 Foryou General Electronics Co., Ltd.			
DESCRIPTION	TITLE	SHEET: 1 / 9		SCH REVISION:V09	PCB REVISION:V09
		DRAWN BY	CHECKED BY	TECHNICS BY	APPROVED BY
CODE NO:					

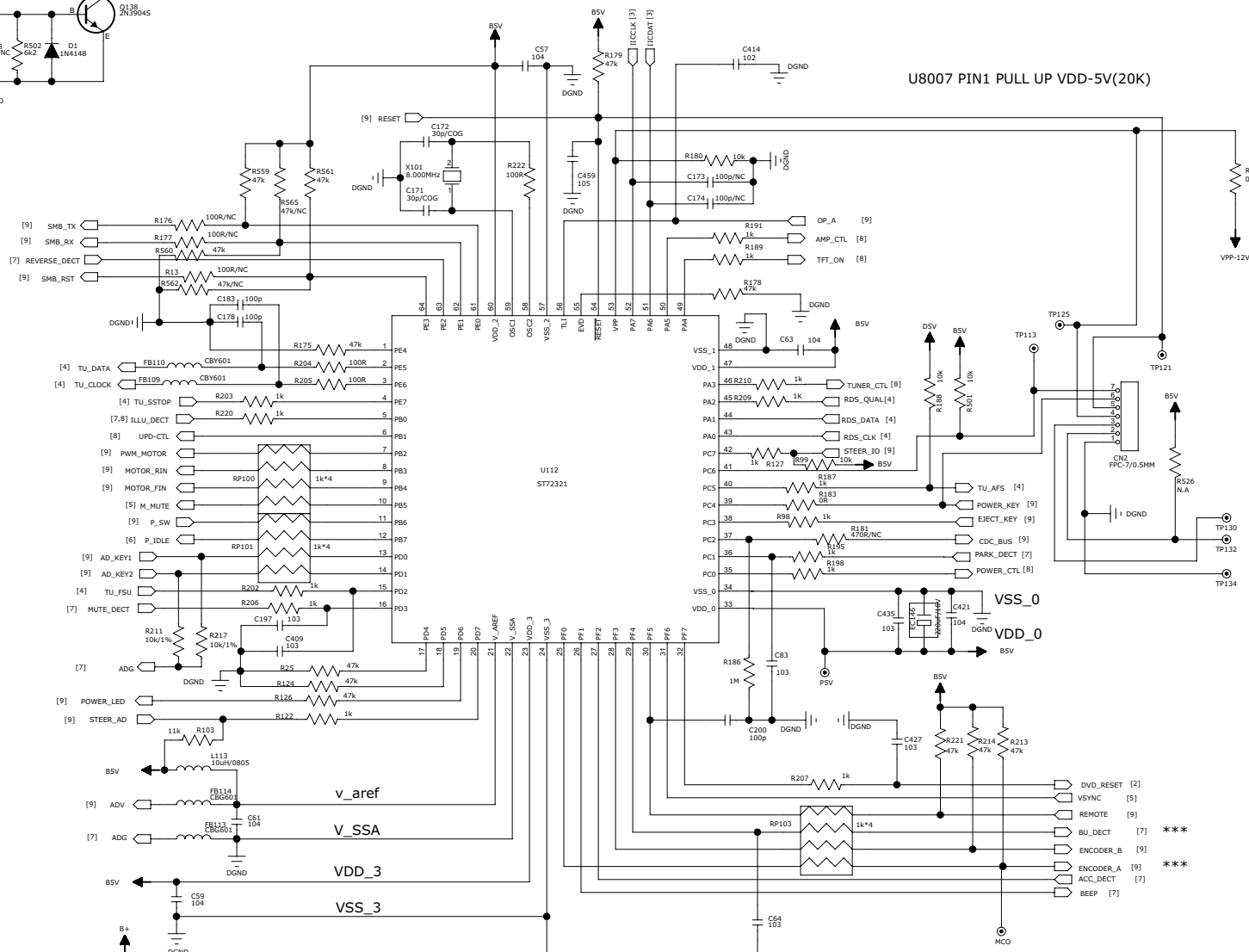
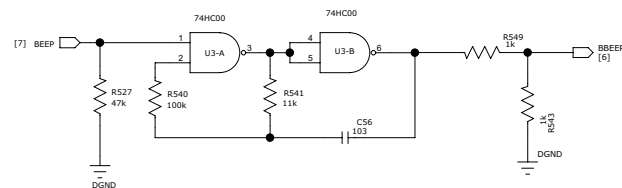
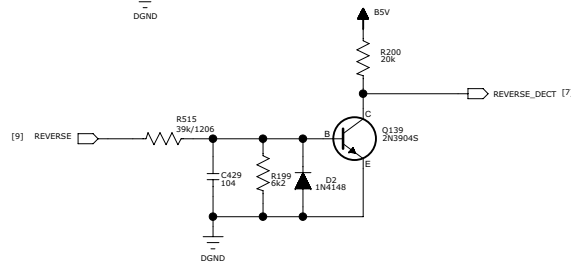
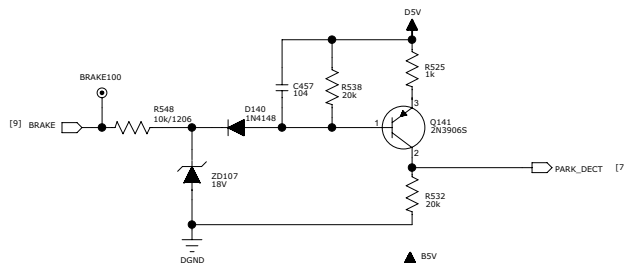
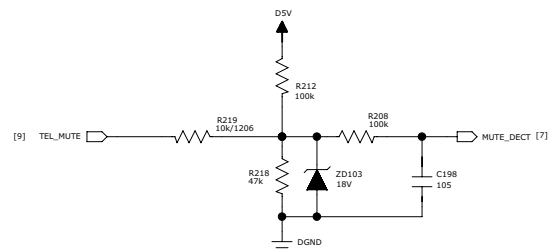
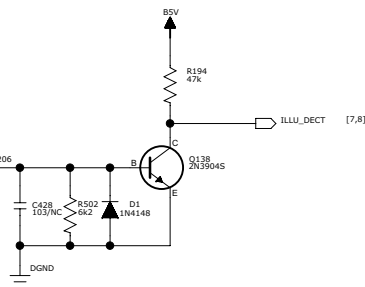
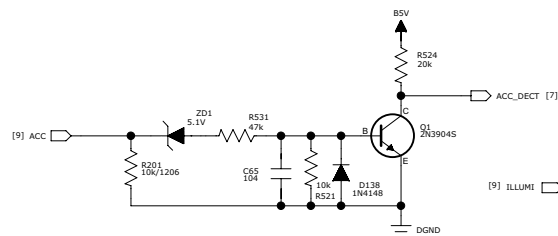
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CHANGE	MARKS	REF NO	DESCRIPTION		SGN	APP
						
						
						
						
						









MODEL NO	DV-7721			 Foryou General Electronics Co., Ltd.			
DESCRIPTION	SHEET: 3 / 9		SCH REVISION:V09		PCB REVISION:V09		
	DRAWN BY	CHECKED BY	TECHNICS BY		APPROVED BY		
CODE NO:							

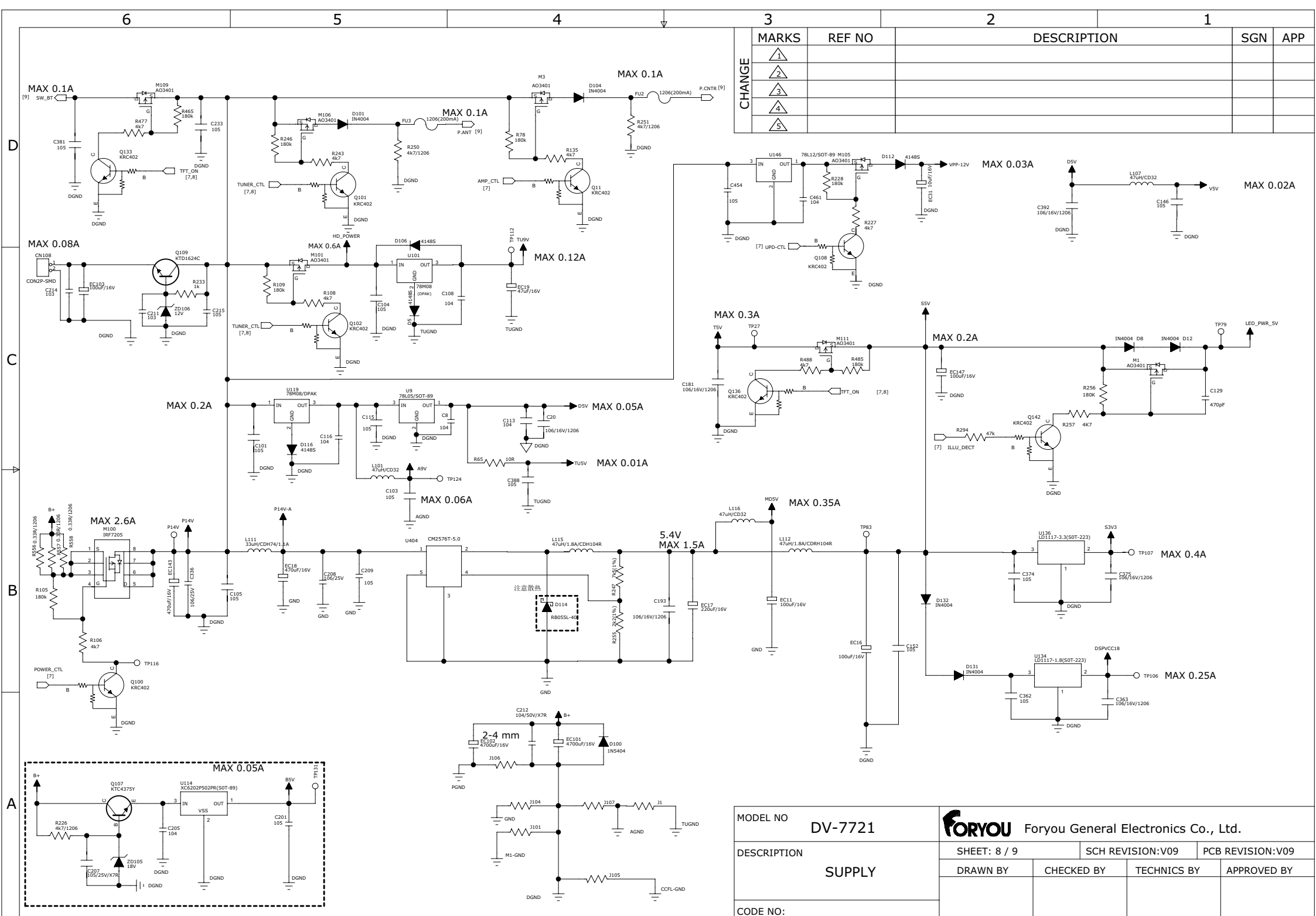





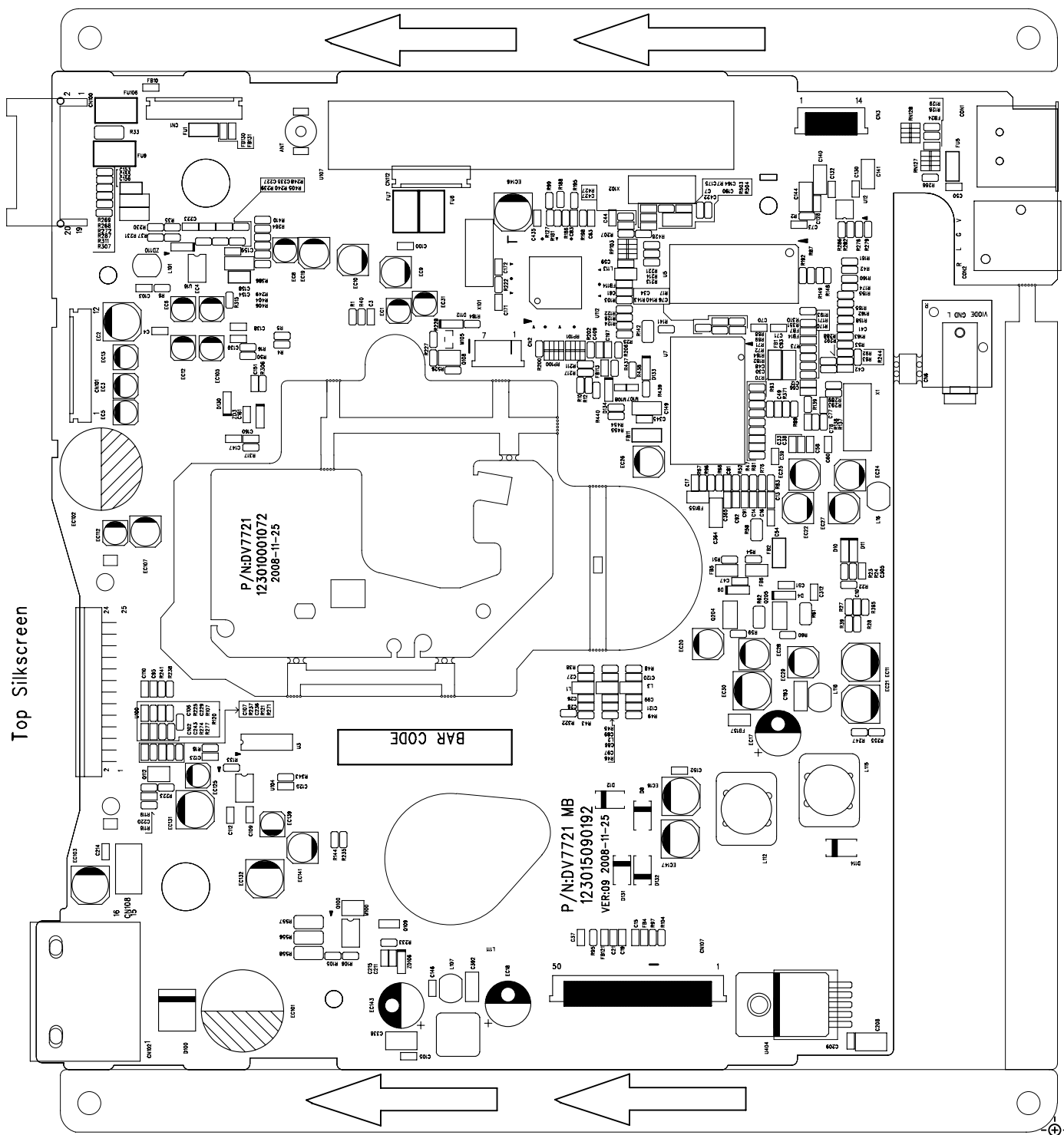


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CHANGE	MARKS	REF NO	DESCRIPTION		SGN	APP
						
						
						
						
						

MODEL NO DV-7721	 Foryou General Electronics Co., Ltd.			
DESCRIPTION MCU	SHEET: 7 / 9		SCH REVISION:V09	PCB REVISION:V09
	DRAWN BY	CHECKED BY	TECHNICS BY	APPROVED BY
CODE NO:				

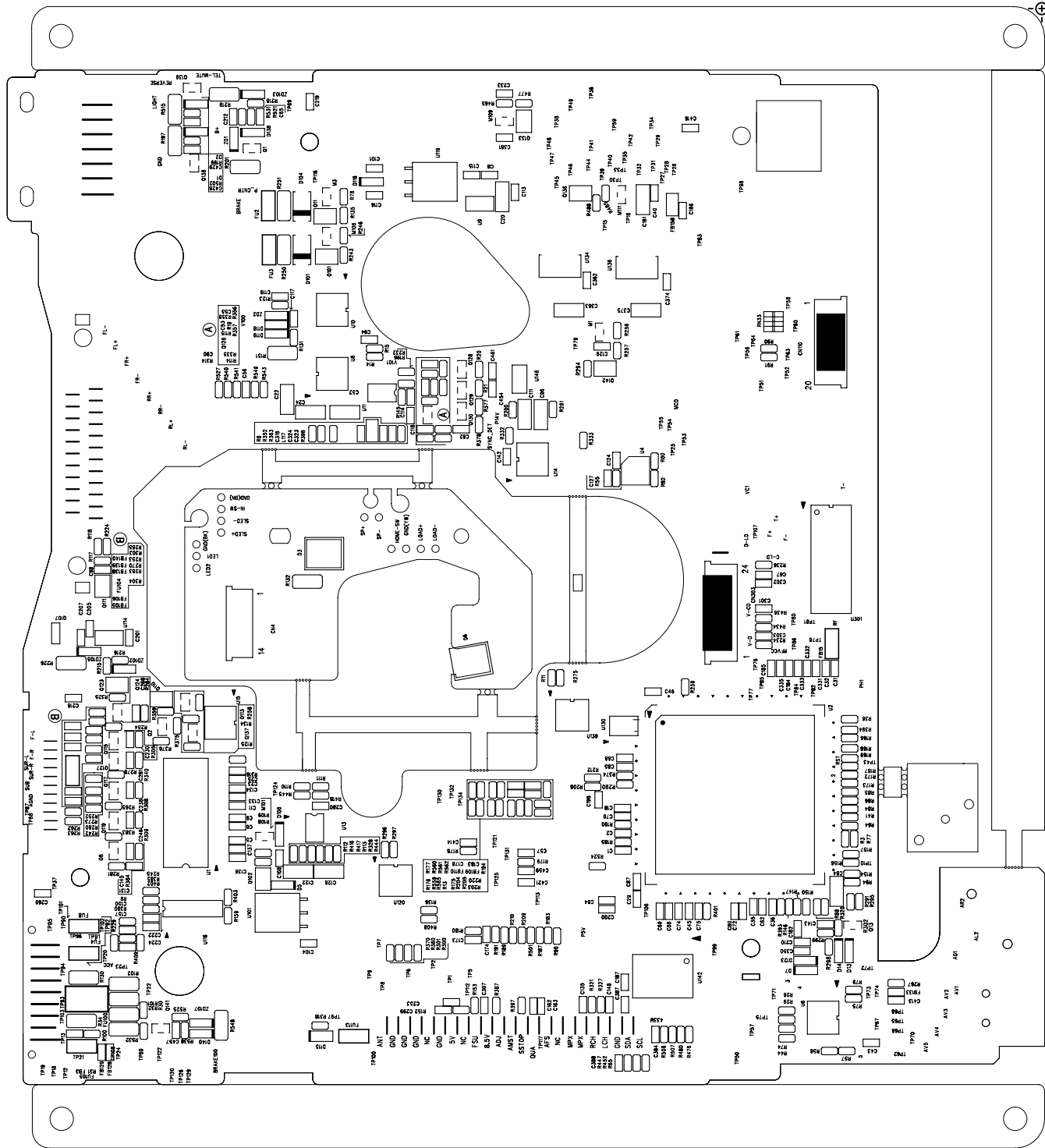


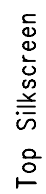
MODEL NO	DV-7710			 Foryou General Electronics Co., Ltd.			
DESCRIPTION	SHEET: 01/02		SCH REVISION: 04		PCB REVISION: 04		
TITLE	DRAWN BY		CHECKED BY		TECHNICS BY		APPROVED BY
CODE NO							

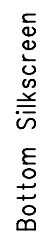




Bottom Silkscreen







Material Code	Material Specs	Technics	Amount	Location
144850000001	FAN, DFS300612H HYSINT, YLTC	AS	1	
144825000003	MOTOR, FF-050SK-11170	SA	1	
143825000468	WIRE, DV7510, 2P, 29mm, 28#	SA	2	
143215000008	END-SENSE SW, SPPB120200	SA	1	
143820000270	FFC, 14P, 0. 5mm, 44mm, TYPE A	AS	1	
143490000039	TOUCH SCREEN, 7!, 164. 8. 0*99. 8MM, ITO-1396	AS	1	
143830000756	I/O, DN-7710, 20P, SMB/12, BT/8	FA	1	
143820020207	FFC, 20P, 0. 5mm, 45mm	AS	1	
143820000190	FFC, 6P, 0. 5mm, 35mm	AS	1	
143020000037	FPC, DV7510, 1, 0. 1, MB-LOADER, 50P, 0. 5mm, E	AS	1	
143420000003	TFT/A, A070FW03-V4, 7"	AS	1	
143820000269	FFC, 24P, 0. 5mm, 115mm, TYPE A	AS	1	
141658010116	ENCODER, EC110201M2G-HA1-004, H14. 5, BB	KB MI1		SW1000;
143400000091	LCD, DV-7510	KB MI1		CN1000;
142490000037	IC, RPM6938, TO-126, ROHM	KB MI1		U1001;
143450000017	BACKLIGHT, ?, DV-7510	KB MI1		U1000;
143830000264	WIRE, DV710, 1P, PACKING CABLE	FA	1	
143840080010	WIRE HARNES, VM9411, 16P, PWR, 10A	FA	1	
143830000577	I/O DM738, 4P, AV, 32V, 1m	FA	1	
842DV7711DR002	DV7711 DR SMT ASSM	SA	1	
141827000107	SMD E-CAP, 100uF, $\pm 20\%$, 6. 3*5. 5, 16V, 105℃	DR SMT1		EC4001;
141827020476	SMD E-CAP, 47uF, $\pm 20\%$, 5*5. 3, 16V	DR SMT2		EC4000 EC4003;
142000000028	INDUCTOR, 10uH, 0805	DR SMT1		L4001;
141604000000	RES, 0 Ω , $\pm 5\%$, 1/16W, 0603	DR SMT2		R4020 R4000;
141604000101	RES, 100 Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4010;
141604000102	RES, 1k Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4004;
141604000103	RES, 10k Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4003;
141604000153	RES, 15k Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4011;
141604000203	RES, 20k Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4021;
141604000221	RES, 220 Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4009;
141604000272	RES, 2k7 Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4008;
141604000273	RES, 27k Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4006;
141604000471	RES, 470 Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4005;
141604000561	RES, 560 Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4015;
141604000563	RES, 56k Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4007;

Material Code	Material Specs	Technics	Amount	Location
141604000753	RES, 75k Ω , $\pm 5\%$, 1/16W, 0603	DR SMT1		R4013;
141608000020	RES, 2 Ω , $\pm 5\%$, 1/8W, 1206	DR SMT2		R4001 R4002;
141803000103	CAP, 10nF, $\pm 10\%$, 50V, X7R, 0603	DR SMT2		C4007 C4017;
141803000104	CAP, 0. 1uF, +80%-20%, 16V, Y5V, 0603	DR SMT	13	C4001 C4003 C4004;C4002 C4008 C4011;C4005 C4009 C4013;C4012 C4014 C4015;C4016;
141803000330	CAP, 33pF, $\pm 5\%$, 50V, NPO, 0603	DR SMT1		C4006;
141803010105	CAP, 1uF, +80%-20%, 16V, Y5V, 0603	DR SMT1		C4018;
141809010106	CAP, 10uF, +80%-20%, 16V, Y5V, 1206	DR SMT1		C4000;
142200000004	SW DIODE, 1N4148, 200mW, 300mA, SOD-323	DR SMT3		D4000 D4001 D4002;
142400000039	IC, 78L05L, SOT-89, UTC	DR SMT1		U4003;
142400000116	IC, BA6951FS, SSOP16, ROHM	DR SMT1		U4004;
142400000198	IC, L7809CV, TO-220, ST	DR SMT1		U4000;
143010020438	PCB, MD, DV7510, FR4, 1. 0, 210*105, OSP, 1P	DR SMT1板上		LOGO为113010020438;
143445000002	OPTICAL ELECTRONIC COUNTER, GP1S25	DR SMT1		U4001;
123815000020	FFC SOCKET, 12P, 0. 5mm, DOWN CONTACT	DR SMT1		CN4001;
842DV7711TF006	DV7711 TFT SMT ASSM	TFT MI	1	
141827000107	SMD E-CAP, 100uF, $\pm 20\%$, 6. 3*5. 5, 16V, 105℃	TFT SMT1		EC2000;
141845020107	TAN. CAP, 100uF, 10V, $\pm 20\%Y$, AVXTFT SMT		2	TC2000 TC2001;
142000000015	INDUCTOR, 1. 8uH, 0805	TFT SMT3		L2004 L2005 L2006;
142000000028	INDUCTOR, 10uH, 0805	TFT SMT6		L2001 L2003 L2007;L2008 L2009 L2012;
142000000170	POWER INDUCTOR, 10uH, CD31	TFT SMT3		L2013 L2014 L2016;
142040000030	CHIP BEAD, 0603, 600R, CBY0603U601MT	TFT SMT6		FB2000 FB2001 FB2002;FB2003 FB2004 FB2005;
142640000022	T-3386 (UI9. 8)	TFT SMT1		BT2000;
143805000214	SOCKET, 2P, SM02B-BHSS-1-TB, PWR	TFT SMT1		CN2004;
141090010122	VM-700, GROUND SPRING	TFT SMT	2	
141604000000	RES, 0 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT2		R2020 R2063;
141604000101	RES, 100 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT	19	R2001 R2019 R2024;R2031 R2032 R2035;R2038 R2039 R2050;R2054 R2058 R2066;R2069 R2073 R2074;R2076 R2084 R2111;
				R2150;
141604000102	RES, 1k Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT5		R2005 R2071 R2077;R2078 R2079;
141604000103	RES, 10k Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT	14	R2011 R2026 R2036;R2034 R2043 R2049;R2053 R2057 R2068;R2070 R2072 R2085;R2086 R2093;
141604000104	RES, 100k Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT5		R2021 R2048 R2095;R2098 R2037;
141604000105R	RES, 1M Ω , $\pm 5\%$, 1/16W, 0603 TFT SMT1R2006;			
141604000113	RES, 11k Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT1		R2042;
141604000151	RES, 150 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT6		R2002 R2003 R2004;R2151 R2152 R2153;

Material Code	Material Specs	Technics	Amount	Location
141604000181	RES, 180 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT3		R2047 R2055 R2051;
141604000182	RES, 1k8 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT3		R2028 R2029 R2046;
141604000200	RES, 20 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT1		R2087;
141604000201	RES, 200 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT2		R2064 R2065;
141604000202	RES, 2k Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT4		C2129 R2089 R2092;R2099;
141604000203	RES, 20k Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT6		R2023 R2041 R2044;R2045 R2097 R2025;
141604000303	RES, 30k Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT1		R2027;
141604000304	RES, 300k Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT1		R2094;
141604000330	RES, 33 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT1		R2008;
141604000332	RES, 3k3 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT2		R2067 R2088;
141604000392	RES, 3k9 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT3		R2062 R2033 R1;
141604000470	RES, 47 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT1		R2030;
141604000471	RES, 470 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT6		R2007 R2014 R2016;R2018 R2075 R2080;
141604000472	RES, 4k7 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT3		R2000 R2090 R2100;
141604000562	RES, 5k6 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT3		R2013 R2015 R2017;
141604000752	RES, 7k5 Ω , $\pm 5\%$, 1/16W, 0603	TFT SMT1		R2022;
141604010181	RES, 180 Ω , $\pm 1\%$, 1/16W, 0603	TFT SMT1		R2091;
141604010183	RES, 18k Ω , $\pm 1\%$, 1/16W, 0603	TFT SMT1		R2040;
141606000010	RES, 1 Ω , $\pm 5\%$, 1/10W, 0805	TFT SMT4		L2000 L2010 L2011;L2015;
141606000102	RES, 1k Ω , $\pm 5\%$, 1/10W, 0805	TFT SMT1		R2101;
141618000101	NET RES, 100 Ω *4, $\pm 5\%$, 1/16W, 0603	TFT SMT1		RP2000;
141803000101	CAP, 100pF, $\pm 10\%$, 50V, NPO, 0603	TFT SMT1		C1;
141803000102	CAP, 1nF, $\pm 10\%$, 16V, X7R, 0603	TFT SMT2		C2000 C2033;
141803000103	CAP, 10nF, $\pm 10\%$, 50V, X7R, 0603	TFT SMT8		C2020 C2024 C2107;C2086 C2089 C2110;C2122 C2083;
141803000151	CAP, 150pF, $\pm 10\%$, 16V, X7R, 0603	TFT SMT6		C2002 C2003 C2004;C2011 C2012 C2010;
141803000152	CAP, 1. 5nF, $\pm 10\%$, 50V, X7R, 0603	TFT SMT1		C2112;
141803000202	CAP, 2nF, $\pm 10\%$, 16V, X7R, 0603	TFT SMT2		C2001 C2037;
141803000220	CAP, 22pF, $\pm 5\%$, 50V, NPO, 0603	TFT SMT2		C2013 C2014;
141803000221	CAP, 220pF, $\pm 10\%$, 50V, NPO, 0603	TFT SMT3		C2126 C2127 C2128;
141803000222	CAP, 2. 2nF, $\pm 10\%$, 50V, X7R, 0603	TFT SMT1		C2038;
141803000392	CAP, 3. 9nF, $\pm 10\%$, 16V, X7R, 0603	TFT SMT1		C2073;
141803000472	CAP, 4. 7nF, $\pm 10\%$, 50V, X7R, 0603	TFT SMT1		C2108;
141803010104	CAP, 0. 1uF, $\pm 10\%$, 25V, X7R, 0603	TFT SMT	42	C2006 C2009 C2016;C2017 C2018 C2021;C2022 C2025 C2027;C2042 C2043 C2044;C2047 C2049 C2050;C2055 C2057 C2064;
				C2065 C2069 C2070;C2078 C2080 C2081;C2082 C2084 C2085;C2088 C2090 C2091;C2094 C2098 C2099;C2103 C2105 C2106;

Material Code	Material Specs	Technics	Amount	Location
				C2111 C2114 C2116;C2117 C2120 C2093;
141803010105	CAP, 1uF, +80%-20%, 16V, Y5V, 0603	TFT SMT	20	C2015 C2046 C2040;C2041 C2045 C2051;C2052 C2053 C2062;C2023 C2039 C2063;C2075 C2076 C2079;C2096 C2097 C2109;
				C2113 C2125;
141803010224	CAP, 0. 22uF, $\pm 10\%$, 25V, X5R, 0603	TFT SMT3		C2100 C2101 C2115;
141803010393	CAP, 39nF, $\pm 10\%$, 50V, X7R, 0603	TFT SMT1		C2058;
141803010474	CAP, 0. 47uF, $\pm 10\%$, 10V, X5R, 0603	TFT SMT2		C2035 C2036;
141806000225	CAP, 2. 2uF, +80%-20%, 16V, Y5V, 0805	TFT SMT1		C2048;
141809010106	CAP, 10uF, +80%-20%, 16V, Y5V, 1206	TFT SMT	18	C2019 C2026 C2028;C2029 C2030 C2031;C2032 C2034 C2054;C2056 C2059 C2060;C2061 C2066 C2067;C2068 C2102 C2104;
141812000106	CAP, 10uF, +80%-20%, 25V, Y5V, 1210	TFT SMT4		C2074 C2092 C2119;C2121;
141812000155	CAP, 1. 5uF, $\pm 10\%$, 50V, X7R, 1210	TFT SMT1		C2123;
141812050226	CAP, 22uF, +80%-20%, 25V, Y5V, 2. 2mm, 1210	TFT SMT4		C2005 C2008 C2077;C2095;
141890000100	CAP, 10pF, $\pm 5\%$, 3KV, NPO, 1808	TFT SMT1		C2118;
142200000004	SW DIODE, 1N4148, 200mW, 300mA, SOD-323	TFT SMT7		D2002 D2003 D2004;D2005 D2006 D2009 D1;
142206000013	REC DIODE, 1N4004, 3A, 1V, 400V, SOD-106	TFT SMT1		D2007;
142224000003	ZENER DIODE, 11V, 300mW, SOD-323	TFT SMT1		D2008;
142233000006	SCHTTKY DIODE, RB551, 0. 5A, 20V, SOD-323, ROM	TFT SMT2		D2000 D2001;
142245000048	TR, MMBT3906LT1 (PNP), SOT-23, KEC	TFT SMT1		Q2007;
142251000001	TR, 2N3904 (NPN), SOT-23	TFT SMT6		Q2001 Q2002 Q2003;Q2005 Q2008 Q2006;
142290000004	ESD DIODE, PG05GBUSV, 200W, 24A, 5G	TFT SMT1		ZD2000;
142400000039	IC, 78L05L, SOT-89, UTC	TFT SMT1		U2002;
142400000117	IC, BA7071, SOP8, ROHM	TFT SMT1		U2001;
142400000169	IC, HEF4069UBT, PHILIPS	TFT SMT1		U2006;
142400000257	IC, MP1015, TSSOP20, MPS	TFT SMT1		U2017;
142400000282	IC, NJM3414AM, SOP-8, JRC	TFT SMT1		U2005;
142400000311	IC, RT9164-3. 3V, SOT-223, RICHTEK	TFT SMT1		U2009;
142400000579	IC, KIA78M08, DPAK, KEC	TFT SMT1		U2016;
142400000605	IC, TSC2046IPWR, TSSOP16, TI	TFT SMT1		U2011;
142490000066	IC, 74HC4538PW, PHILIPS	TFT SMT1		U2003;
142490000070	IC, VP77-LF, LQFP128, CHEERTEK	TFT SMT1		U2007;
142825000082	TCXO, 20. 00M, $\pm 10\text{ppm}$, -20+70℃, 18pF, SMD	TFT SMT1		X2000;
143010060439	PCB, VD, DV7510, FR4, 0. 6, 141*117, OSP, 1P	TFT SMT	1	
143815000055	FFC SOCKET, 26P, 0. 5mm, DOWN CONTACT	TFT SMT1		CN2001;
143815000138	FFC SOCKET, 6P, 0. 5mm, DOWN CONTACT	TFT SMT1		CN2000;
123815000142	FFC SOCKET, 8P, 0. 5mm, DOWN CONTACT	TFT SMT1		CN2002;

Material Code	Material Specs	Technics	Amount	Location
143815000146	FPC SOCKET, 36P, 0. 5mm, SMD, UP	TFT SMT1		CN2003;
842DV7721KB004	DV7711 KB SMT ASSM	KB MI	1	
141604000000	RES, 0 Ω , $\pm 5\%$, 1/16W, 0603	KB SMT3		R1017 R1031 R1022;
141604000101	RES, 100 Ω , $\pm 5\%$, 1/16W, 0603	KB SMT4		R1035 R1036 R1037;R1038;
141604000222	RES, 2k2 Ω , $\pm 5\%$, 1/16W, 0603	KB SMT1		R1000;
141604000474	RES, 470k Ω , $\pm 5\%$, 1/16W, 0603	KB SMT1		R1044;
141604000561	RES, 560 Ω , $\pm 5\%$, 1/16W, 0603	KB SMT7		R1002 R1004;R1007 R1008 R1032;R1039 R1;
141604010102	RES, 1k Ω , $\pm 1\%$, 1/16W, 0603	KB SMT3		R1043 R1028 R1005;
141604010103	RES, 10k Ω , $\pm 1\%$, 1/16W, 0603	KB SMT4		R1006 R1029 R1014;R1018;
141604010153	RES, 15k Ω , $\pm 1\%$, 1/16W, 0603	KB SMT1		R1030;
141604010203	RES, 20k Ω , $\pm 1\%$, 1/16W, 0603	KB SMT2		R1024 R1027;
141604010472	RES, 4k7 Ω , $\pm 1\%$, 1/16W, 0603	KB SMT3		R1019 R1020 R1021;
141604010473	RES, 47k Ω , $\pm 1\%$, 1/16W, 0603	KB SMT1		R1023;
141604010622	RES, 6k2 Ω , $\pm 1\%$, 1/16W, 0603	KB SMT1		R1025;
141668000004	V-RES, AVX, USB0004RP, 0603*4, 10p, 18V	KB SMT1		RN1000;
141803000102	CAP, 1nF, $\pm 10\%$, 16V, X7R, 0603	KB SMT7		C1000 C1001 C1002;C1003 C1006 C1008;C1016;
141803000104	CAP, 0. 1uF, +80%-20%, 16V, Y5V, 0603	KB SMT5		C1009 C1010 C1011;C1012 C1017;
141803010105	CAP, 1uF, +80%-20%, 16V, Y5V, 0603	KB SMT2		C1005 C1007;
141809010106	CAP, 10uF, +80%-20%, 16V, Y5V, 1206	KB SMT2		C1018 C1019;
142000000028	INDUCTOR, 10uH, 0805	KB SMT2		L1000 L1001;
142290000004	ESD DIODE, PG05GBUSV, 200W, 24A, 5G	KB SMT2		ZD1000 ZD1002;
142290000012	TR, KRC402, USM	KB SMT1		Q1001;
142251000001	TR, 2N3904 (NPN) , SOT-23	KB SMT1		Q1000;
142400000581	IC, BU9728AKV-E2, VQFP48, ROHM	KB SMT1		U1002;
143010040867	PCB, KB, DV7710, FR4, 1. 6, 187*160, OSP, 6P	KB SMT	1	
123210000026	TACT SW, 3. 5mm, TS-03M-BS/RS, 180gf, SMD	KB SMT4		K1000 K1002 K1003; K1001;
143405000036	LED, RED, FC-1608SEK-624C, 0603, 10mA	KB SMT1		LED1009;
143405000052	LED, W, 19-213/W1D-ANPHY/3T-YUG, 0603, 25mA	KB SMT8		LED1001 LED1002;LED1003 LED1004;LED1006 LED1008;LED1011 LED1;
123815000043	FFC SOCKET, 20P, 0. 5mm, UPPER CONTACT	KB SMT1		CN1001;
141604000432	RES, 4k3 Ω , $\pm 5\%$, 1/16W, 0603	KB SMT1		R1003;
841DV7710CN000	DV7710 CN 委外AS1			
144840000053	DECK, DL-08H, +HOP1200W-B, PICK UP	CN委外	1	
844DV7710CN000	DV7710 CN DIP	CN委外	1	
123490000007	INFRARED TRANSMITTER, IR908-7C	CN MI2		D3 D6;
842DV7710CN000	DV7710 CN SMT	CN MI	1	

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143010001072	PCB, SB, DV-7710, FR4, 1. 2, 197*142, OSP, 1P	CN SMT	1	
143815000132	FFC SOCKET, 14P, 0. 5mm, DOWN CONTACT BUCKLE	CN SMT1		CN4;
141608000121	RES, 120 Ω , $\pm 5\%$, 1/8W, 1206	CN SMT1		R132;
844DV7711MB009	DV7711 MB MI ASSM	MB MI	1	
141842000478	E. CAP, 4700uF, $\pm 20\%$, 14*26, 16V, 105°C	MB MI2		EC101 EC102;
141842060477	E. CAP, 470uF, $\pm 20\%$, 8*12, 16V, 85° C	MB MI2		EC143 EC18;
141842030227	E. CAP, 220uF, $\pm 20\%$, 8*5, 16V, 105°C	MB MI1		EC17;
144815000094	TUNER, DNB405, KST-CF112LVD-120F, FM/AM	MB MI1		U107;
143805000022	SOCKET, 16P, 2. 5mm, DIP 90° , WHITE	MB MI1		CN102;
142400000909	IC, LM2576T-ADJ, T0220, HN	MB MI1		U404;
142400000592	IC, TDA7388, FLEXIWATT25, ST	MB MI1		U100;
123805000306	SOCKET, 12P, 1. 5mm, DIP180°	MB MI1		CN101;
123805000123	SOCKET, 10P, 1. 5mm, DIP 180°	MB MI1		CN1;
123805000555	SOCKET, 20P, 2mm, DIP90° MB MI1CN100;			
842DV7711MB009	DV7711 MB SMT ASSM	MB MI	1	
141668000004	V-RES, AVX, USB0004RP, 0603*4, 10p, 18V	MB SMT3		RN127 RN128 RN33;
141618000102	NET RES, 1k Ω *4, $\pm 5\%$, 1/16W, 0603	MB SMT3		RP100 RP101 RP103;
141608000393	RES, 39k, $\pm 5\%$, 1/4W, 1206	MB SMT2		R197 R515;
141608010020	RES, 2 Ω , $\pm 1\%$, 1/8W, 1206	MB SMT1		R151;
141608000103	RES, 10k Ω , $\pm 5\%$, 1/4W, 1206	MB SMT3		R201 R219 R548;
141608009033	RES, 0. 33 Ω , $\pm 5\%$, 1/8W, 1206	MB SMT3		R556 R557 R558;
141604000622	RES, 6k2 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R199 R502;
141604000392	RES, 3k9 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT6		R284 R305 R308 R309;R340 R384;
141604000204	RES, 200k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT1		R356;
141604000183	RES, 18k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT3		R19 R358 R76;
141604000153	RES, 15k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT1		R93;
141604000100	RES, 10 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT1		R65;
141604000910	RES, 91 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R434 R436;
141604000822	RES, 8. 2K Ω , $\pm 5\%$, 1/16W, 0603	MB SMT1		R77;
141604000471	RES, 470 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	19	R10 R11 R148 R150;R154 R155 R156 R157;R158 R165 R171 R172;R173 R67 R85 R230;R231 R266 R267;
141604000560	RES, 56 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT1		R17;
141604000330	RES, 33 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	29	R146 R147 R149 R160;R161 R166 R167 R174;R193 R236 R393 R42;R47 R52 R53 R73;R84 R86 R87 R88;R96 R259 R170 R163;
				R320 R288 R289 R163;R162;
141604010202	RES, 2k Ω , $\pm 1\%$, 1/16W, 0603	MB SMT1		R36;

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141604000202	RES, 2k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R23 R24;
141608000101	RES, 100 Ω , $\pm 5\%$, 1/8W, 1206	MB SMT3		R100 R101 R102;
141606000010	RES, 1 Ω , $\pm 5\%$, 1/10W, 0805	MB SMT1		R58;
141604000010	RES, 1 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT1		R22;
141604000750	RES, 75 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT5		R123 R322 R352 R427;R8;
141604000682	RES, 6.8k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT4		R107 R238 R271 R277;
141608000472	RES, 4k7 Ω , $\pm 5\%$, 1/4W, 1206	MB SMT3		R226 R250 R251;
141604000472	RES, 4k7 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	31	R106 R108 R135 R164;R182 R227 R243 R26;R29 R297 R371 R374;R437 R438 R439 R440;R447 R452 R477 R488;R63 R64 R68 R69 R71;
				R72 R89 R244 R257;R290 R287;
141604000047	RES, 4 Ω 7, $\pm 5\%$, 1/16W, 0603	MB SMT2		R2 R94;
141606000100	RES, 10 Ω , $\pm 5\%$, 1/10W, 0805	MB SMT2		R61 R62;
141604000513	RES, 51k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT3		R70 R81 R83;
141604000473	RES, 47k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	24	R116 R117 R124 R125;R126 R175 R178 R179;R209 R213 R214;R218 R221 R25 R359;R428 R527 R531 R559;R560 R561 R302;
				R316 R317;
141604000470	RES, 47 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R139 R315;
141604000302	RES, 3k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT3		R245 R357 R385;
141604010331	RES, 330 Ω , $\pm 1\%$, 1/16W, 0603	MB SMT1		R234;
141604010391	RES, 390 Ω , $\pm 1\%$, 1/16W, 0603	MB SMT8		R363 R398 R38 R45;R48 R43 R46 R49;
141604010752	RES, 7k5, $\pm 1\%$, 1/16W, 0603	MB SMT1		R247;
141604010222	RES, 2k2 Ω , $\pm 1\%$, 1/16W, 0603	MB SMT1		R255;
141604000333	RES, 33k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT1		R39;
141604010303	RES, 30k Ω , $\pm 1\%$, 1/16W, 0603	MB SMT1		R216;
141604000475	RES, 4.7M Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R145 R196;
141604000205	RES, 2M Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R120 R121;
141604010201	RES, 200 Ω , $\pm 1\%$, 1/16W, 0603	MB SMT1		R394;
141604000224	RES, 220k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT1		R137;
141604000000	RES, 0 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	21	C210 R128 R129 R140;R18 R183 R184 R401;R41 R57 R79 R303;R304 R270 R273 R280;R383 R131 R318;R112 R113;
141604000221	RES, 220 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R59 R60;
141604000203	RES, 20k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	13	R200 R242 R252 R253;R283 R285 R524 R532;R538 R66 R20;R194 R294;
141604000182	RES, 1k8 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT1		R264;
141604010102	RES, 1k Ω , $\pm 1\%$, 1/16W, 0603	MB SMT2		R27 R28;
141604000102	RES, 1k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	35	R1 R118 R119 R122;R127 R134 R141 R187;R189 R191 R195 R198;R202 R203 R206 R207;R210 R220 R233 R239;R249 R300 R301 R386;
				R40 R476 R503 R504;R525 R543 R549 R91;R95 R98 R306;

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141608000102	RES, 1k Ω , $\pm 5\%$, 1/4W, 1206	MB SMT1		R130;
141604000105	RES, 1M Ω , $\pm 5\%$, 1/16W, 0603 MB SMT		4	R133 R186 R343 R299;
141604000184	RES, 180k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT8		R105 R109 R228 R246;R465 R485 R78 R256;
141604010153	RES, 15k Ω , $\pm 1\%$, 1/16W, 0603	MB SMT2		R185 R190;
141604010151	RES, 150 Ω , $\pm 1\%$, 1/16W, 0603	MB SMT1		R138;
141604000123	RES, 12k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R114 R409;
141604000113	RES, 11k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R103 R541;
141604010103	RES, 10k Ω , $\pm 1\%$, 1/16W, 0603	MB SMT	14	R110 R111 R144 R211;R217 R235 R328 R4;R416 R417 R418 R444;R445 R5;
141604000103	RES, 10k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	43	R115 R12 R136 R14;R15 R152 R180 R188;R225 R237 R241 R258;R274 R275 R3 R375; R376 R377 R378 R387;R395 R408 R44 R454;
				R455 R480 R501 R507;R508 R521 R55 R6;R74 R80 R82 R99 R21;R333 R351 R291 R310;R295 R298;
141604010104	RES, 100k Ω , $\pm 1\%$, 1/16W, 0603	MB SMT1		R215;
141604000911	RES, 910 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R321 R327;
141604000101	RES, 100 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	34	R104 R13 R153 R176;R177 R192 R204 R205;R222 R229 R276 R279;R282 R286 R296 R335;R35 R360 R37 R370;R397 R403 R404 R7;
				R90 R97 R332 R262;R263 R260 R261 R268;R269 R307;
141604000514	RES, 510k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT2		R51 R54;
141604000104	RES, 100k Ω , $\pm 5\%$, 1/16W, 0603	MB SMT	15	R168 R169 R208 R212;R223 R224 R314 R390;R540 R292 R293 R16;R50 R311 R272;
141827000106	SMD E-CAP, 10uF, $\pm 20\%$, 4*5. 3, 16V, 105°C	MB SMT7		EC12 EC13 EC3;EC31 EC4 EC5 EC6;
141803000470	CAP, 47pF, $\pm 5\%$, 16V, NPO, 0603	MB SMT1		C175;
141803000471	CAP, 470pF, $\pm 10\%$, 50V, X7R, 0603	MB SMT1		C129;
141803000223	CAP, 22nF, $\pm 10\%$, 50V, X7R, 0603	MB SMT2		C136 C137;
141803000221	CAP, 220pF, $\pm 10\%$, 50V, NPO, 0603	MB SMT2		C53 C55;
141809010106	CAP, 10uF, +80%–20%, 16V, Y5V, 1206	MB SMT	11	C181 C193 C20 C363;C375 C392 C84 C93;C155 C156 C158;
141803010273	CAP, 27nF, $\pm 10\%$, 16V, X7R, 0603	MB SMT1		C16;
141803000150	CAP, 15pF, $\pm 5\%$, 50V, NPO, 0603	MB SMT3		C119 C91 C92;
141803000561	CAP, 560pF, $\pm 10\%$, 16V, X7R, 0603	MB SMT4		C229 C236 C243 C95;
141803000330	CAP, 33pF, $\pm 5\%$, 50V, NPO, 0603	MB SMT	15	C184 C185 C301 C318;C323 C331 C332 C333;C335 C27 C28 C89;C97 C120 C121;
141803000120	CAP, 12pF, $\pm 5\%$, 50V, NPO, 0603	MB SMT2		C1 C2;
141803000270	CAP, 27pF, $\pm 5\%$, 16V, NPO, 0603	MB SMT3		C164 C77 C78;
141803010331	CAP, 330pF, $\pm 5\%$, 16V, NPO, 0603	MB SMT3		C138 C139 C182;
141803000271	CAP, 270pF, $\pm 10\%$, 16V, X7R, 0603	MB SMT2		C187 C422;
141803000110	CAP, 11pF, $\pm 5\%$, 16V, NPO, 0603	MB SMT4		C324 C26 C86 C99;
141812000106	CAP, 10uF, +80%–20%, 25V, Y5V, 1210	MB SMT2		C208 C336;

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141806000225	CAP, 2. 2uF, +80%-20%, 16V, Y5V, 0805	MB SMT2		C153 C154;
141803010105	CAP, 1uF, +80%-20%, 16V, Y5V, 0603	MB SMT	36	C101 C102 C103 C104;C105 C106 C107 C11;C110 C115 C124 C131;C133 C134 C146 C152;C198 C201 C209 C215;C23 C233 C25 C3;
				C362 C374 C381 C388;C454 C459 C5 C50 C6;C9 C90 C159;
141803040104	CAP, 0. 1uF, $\pm 20\%$, 50V, Y5V, 0603	MB SMT1		C212;
141803000104	CAP, 0. 1uF, +80%-20%, 16V, Y5V, 0603	MB SMT	76	C10 C108 C109 C112;C113 C114 C116 C118;C12 C125 C127 C130;C132 C150 C157 C17;C18 C186 C205 C222;C280 C29 C299 C302;
				C305 C307 C312 C345;C35 C36 C365 C384;C387 C4 C41 C42 C421;C429 C43 C44 C45;C457 C46 C461 C48;C49 C57 C58 C59 C60;
				C61 C62 C63 C65 C66;C68 C69 C7 C70 C71;C72 C73 C74 C75 C76;C79 C8 C80 C81 C82;C85 C87 C88 C94;C142 C143;
141803000103	CAP, 10nF, $\pm 10\%$, 50V, X7R, 0603	MB SMT	34	C100 C128 C145 C15;C19 C197 C211 C214;C219 C230 C238 C246;C253 C268 C269 C281;C33 C350 C37 C38;C39 C40 C162 C163;
				C409 C413 C416 C427;C435 C54 C56 C64;C83 C147;
141803000300	CAP, 30pF, $\pm 5\%$, 50V, NPO, 0603	MB SMT2		C171 C172;
141803000102	CAP, 1nF, $\pm 10\%$, 16V, X7R, 0603	MB SMT	10	C13 C14 C30 C303;C31 C32 C414 C47;C51 C67;
141803000101	CAP, 100pF, $\pm 10\%$, 50V, NPO, 0603	MB SMT4		C178 C183 C200 C21;
141803040105	CAP, 1uF, $\pm 10\%$, 25V, X5R, 0603	MB SMT6		C207 C216 C220 C98;C160 C161;
141809000106	CAP, 10uF, $\pm 10\%$, 10V, X5R, 1206	MB SMT	11	C140 C141;C144 C149 C190 C22;C24 C364 C52 C96;C111;
141827000107	SMD E-CAP, 100uF, $\pm 20\%$, 6. 3*5. 5, 16V, 105℃	MB SMT8		EC103 EC11 EC131;EC132 EC147 EC16;EC2 EC21;
141827000226	SMD E-CAP, 22uF, $\pm 20\%$, 4*5. 3, 16V, 105℃	MB SMT4		EC105 EC125 EC139;EC8;
141827000227	SMD E-CAP, 220uF, $\pm 20\%$, 6. 3*5. 5, 6. 3V, 105℃	MB SMT2		EC146 EC30;
141827000105	SMD E-CAP, 1uF, $\pm 20\%$, 4*5. 3, 50V, 105℃	MB SMT1		EC112;
141827020476	SMD E-CAP, 47uF, $\pm 20\%$, 5*5. 3, 16V	MB SMT	11	EC107 EC141;EC19 EC20 EC22 EC24;EC25 EC26 EC27 EC28;EC29;
142090000011	POWER INDUCTOR, 33uH, $\pm 10\%$, 1. 1A, CDH74	MB SMT1		L111;
142000000239	POWER INDUCTOR, 47uH, $\pm 20\%$, 1. 8A, CDH104R	MB SMT2		L112 L115;
142000000135	POWER INDUCTOR, 22uH, CD32	MB SMT3		L107 L116 L16;
142000000047	INDUCTOR, 1uH, 100mA, 0805, $\pm 10\%$, F COIL	MB SMT4		L117 L1 L2 L3;
142000000039	INDUCTOR, 10uH, 1206	MB SMT1		FB2;
142000000028	INDUCTOR, 10uH, 0805	MB SMT1		L113;
142040000039	CHIP BEAD, 0805, CBW0805U121MT, 120 Ω	MB SMT5		FB155 FB157 FB158;FB5 FB6;
142040000030	CHIP BEAD, 0603, 600R, CBY0603U601MT	MB SMT	21	FB105 FB106 FB109;FB110 FB113 FB114;FB121 FB128 FB129;FB130 FB131 FB133;FB138 FB139 FB14;FB140 FB10 FB24;
				FB3 FB4 FB7;
142040000054	CHIP BEAD, 1206, 0. 5A, 0. 3 Ω , BGH3216A151HB	MB SMT3		FB1 FB11 FB15;
142251000005	TR, 2SB1132, SOT-89	MB SMT2		Q204 Q205;
142245000048	TR, MMBT3906LT1 (PNP), SOT-23, KEC	MB SMT3		Q126 Q130 Q141;

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142290000022	TR, KTC4375Y, SOT-89, KEC	MB SMT1		Q107;
142290000026	TR, KTD1624C, SOT-89, KEC	MB SMT1		Q109;
142290000012	TR, KRC402, USM	MB SMT	10	Q100 Q101 Q102 Q108;Q11 Q111 Q112 Q133;Q136 Q142;
142290000009	TR, KRA304, USM	MB SMT2		Q110 Q123;
142206000013	REC DIODE, 1N4004, 3A, 1V, 400V, SOD-106	MB SMT6		D101 D104 D131 D132;D8 D12;
142206000022	REC DIODE, 1N5404, SMC	MB SMT1		D100;
142224000093	ZENER DIODE, 12V, 300mW, SOD-323	MB SMT2		ZD106 ZD110;
142224000018	ZENER DIODE, 5. 1V, 300mW, SOD-323	MB SMT2		ZD1 ZD3;
142224000085	ZENER DIODE, 18V, 300mW, SOD-323	MB SMT3		ZD103 ZD105 ZD107;
142233000036	SCHOTTKY DIODE, RB055L-40, 40V, 3A	MB SMT1		D114;
122290000002	ESD DIODE, IMSA-6801-01Y901, 0805	MB SMT1		D115;
142825000053	TCXO, 8. 00M, ± 15 ppm, -30+90°C, 20pF, SMD	MB SMT1		X101;
142825000029	TCXO, 27. 000M, ± 10 ppm, -30+90°C, 20pF, SMD	MB SMT1		X1;
142266000004	MOSFET, A03401, SOT-23	MB SMT7		M101 M105 M106 M109;M111 M3 M1;
142266000005	MOSFET, IRF7205, SOP8, IR	MB SMT1		M100;
142266000002	MOSFET, 2SK3018, UMT3	MB SMT2		M107 M108;
142400000424	IC, XC6202P502PR, SOT-89, TOREX	MB SMT1		U114;
122400000039	IC, 78L05L, SOT-89, UTC	MB SMT1		U9;
142400000384	IC, TDA7419TR, SOP28, ST	MB SMT1		U1;
142400000629	IC, ST7FAUDIOAR9E, TQFP64, ST (FALSH 60K)	IC1		U112;
142410000091	IC, SST39VF1601-70-4C-EKE, TSOP-48, SST	IC1		U7;
142400000730	IC, AM5766FM, HSOP28, AMTEK, MOTOR DRIVER	MB SMT1		U301;
142400000276	IC, NJM2267M, SSOP8, NJRC	MB SMT1		U104;
142400000093	IC, BA3121F, SOP8, ROHM	MB SMT1		U16;
142400000179	IC, IS42S16400-7T, TSOPII-54, ISSI	MB SMT1		U5;
142490000093	IC, ZR36966-U, PQFP208, ZORAN	MB SMT1		U2;
142410000117	IC, AT24C16-5V, SOP-8, ATMEL	MB SMT1		U130;
122400000207	IC, LD1117A-1. 8V, SOT-223	MB SMT1		U134;
142400000416	IC, UTC4558, SOP-8, UTC	MB SMT1		U11;
142400000579	IC, KIA78M08, DPAK, KEC	MB SMT2		U101 U119;
142400000989	IC, XC6202PC02PR, SOT-89, TOREX	MB SMT1		U146;
142400000819	IC, CS4344, TSSOP-10, CIRRUS	MB SMT1		U12;
142400000013	IC, 74HC00, SOP14	MB SMT1		U3;
122400000206	IC, LD1117A, 3. 3V, SOT-223	MB SMT1		U136;
144800000001	FUSE, 1812FSMD110, 1. 1A, 6V, PTC	MB SMT2		FU100 FU106;

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144800000012	FUSE, FSMD050-1206, 0. 5A, 8V, PTC	MB SMT4		FU2 FU3 FU5 FU8;
143805000497	SOCKET, 4P, 2. 0mm, SMD, USB2. 0	MB SMT1		CON1;
143805000034	SOCKET, 2P, 1. 25mm, UPRIGHT	MB SMT1		CN108;
143815000046	FFC SOCKET, 24P, 0. 5mm, UPPER CONTACT	MB SMT1		CN303;
143815000191	FPC SOCKET, 14P, 0. 5mm, SMD, UP	MB SMT1		CN3;
123815000093	FFC SOCKET, 50P, 0. 5mm, DOWN CONTACT, HC	MB SMT1		CN107;
123815000043	FFC SOCKET, 20P, 0. 5mm, UPPER CONTACT	MB SMT1		CN110;
143805000495	SOCKET, 6P, 3. 5mm, EARPHONE SOCKET	MB SMT1		CN6;
143015090192	PCB, MB, DV-7721, FR4, 1. 2, 171*171, OSP, 1P	MB SMT	1	
142290000025	TR, KTD1304, SOT-23, KEC	MB SMT6		Q115 Q117 Q124 Q127;Q8 Q119;
142251000001	TR, 2N3904 (NPN), SOT-23	MB SMT9		Q1 Q113 Q128 Q129;Q137 Q138 Q139 Q2;Q13;
141803000682	CAP, 6. 8nF, $\pm 10\%$, 50V, X7R, 0603	MB SMT2		C148 C135;
141604000201	RES, 200 Ω , $\pm 5\%$, 1/16W, 0603	MB SMT5		R325 R278 R254 R265;R281;
142233000006	SCHTTKY DIODE, RB551, 0. 5A, 20V, SOD-323, ROM	MB SMT1		D112;
142200000004	SW DIODE, 1N4148, 200mW, 300mA, SOD-323	MB SMT	16	D1 D10 D106 D11 D116;D118 D119 D130 D138;D140 D2 D4 D5 D9;D13 D14;
142410000142	IC, 74HCT4052DB, SSOP16	MB SMT5		U15 U8 U10 U14 U139;
141608000020	RES, 2 Ω , $\pm 5\%$, 1/8W, 1206	MB SMT1		L101;
842DV7721MK003	DV7711 MK SMT ASSM	AS	1	
143010030440	PCB, P-KB, DV7510, FR4, 0. 8, 150*135, OSP, 10P	MK SMT	1	
123210000040	TACT SW, 2. 5mm, TS37-251SM180, 250gf, SMD	MK SMT4		K3001 K3002 K3003;K3004;
141604000000	RES, 0 Ω , $\pm 5\%$, 1/16W, 0603	MK SMT2		R3003 R3010;
141604000681	RES, 680 Ω , $\pm 5\%$, 1/16W, 0603	MK SMT4		R3001 R3006 R3007;R3012;
141604010103	RES, 10k Ω , $\pm 1\%$, 1/16W, 0603	MK SMT1		R3011;
141604010152	RES, 1k5 Ω , $\pm 1\%$, 1/16W, 0603	MK SMT1		R3005;
141604010222	RES, 2k2 Ω , $\pm 1\%$, 1/16W, 0603	MK SMT1		R3009;
141604010332	RES, 3k3 Ω , $\pm 1\%$, 1/16W, 0603	MK SMT2		R3002 R3004;
141604010472	RES, 4k7 Ω , $\pm 1\%$, 1/16W, 0603	MK SMT1		R3008;
141803000102	CAP, 1nF, $\pm 10\%$, 16V, X7R, 0603	MK SMT1		C3003;
141803000103	CAP, 10nF, $\pm 10\%$, 50V, X7R, 0603	MK SMT1		C3002;
141803010105	CAP, 1uF, +80%-20%, 16V, Y5V, 0603	MK SMT1		C3001;
142224000018	ZENER DIODE, 5. 1V, 300mW, SOD-323	MK SMT1		ZD3001;
143405000052	LED, W, 19-213/W1D-ANPHY/3T-YUG, 0603, 25mA	MK SMT4		LED3001 LED3002;LED3003 LED3004;
143815000138	FFC SOCKET, 6P, 0. 5mm, DOWN CONTACT	MK SMT1		CN3001;
844DV6720RM000	DV6720 RM MI ASSM	FA	1	
121090000223	DV-711, FRONT REM BAT SHEET-, C1519	RMT MI1		-;

[illegible]