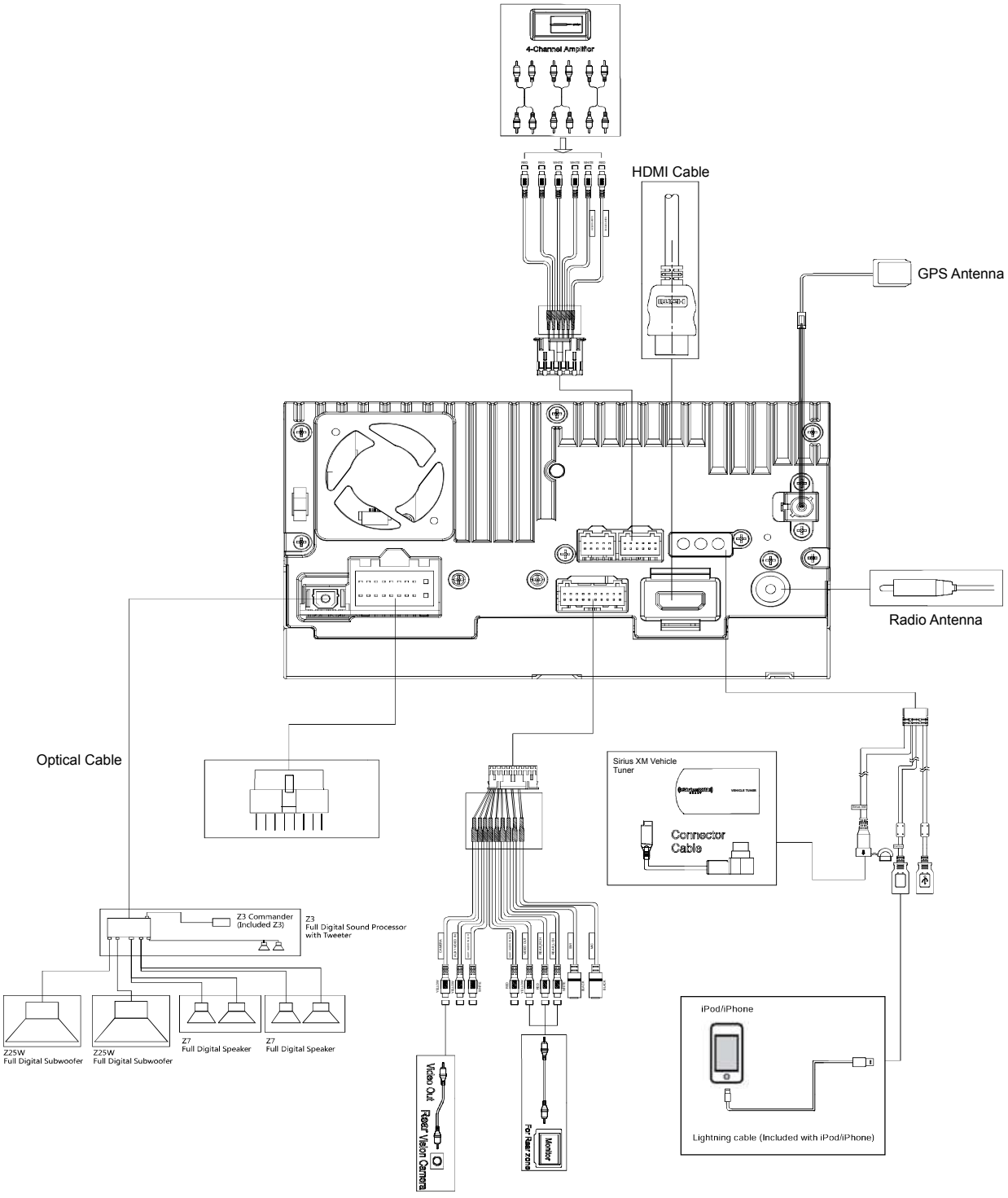
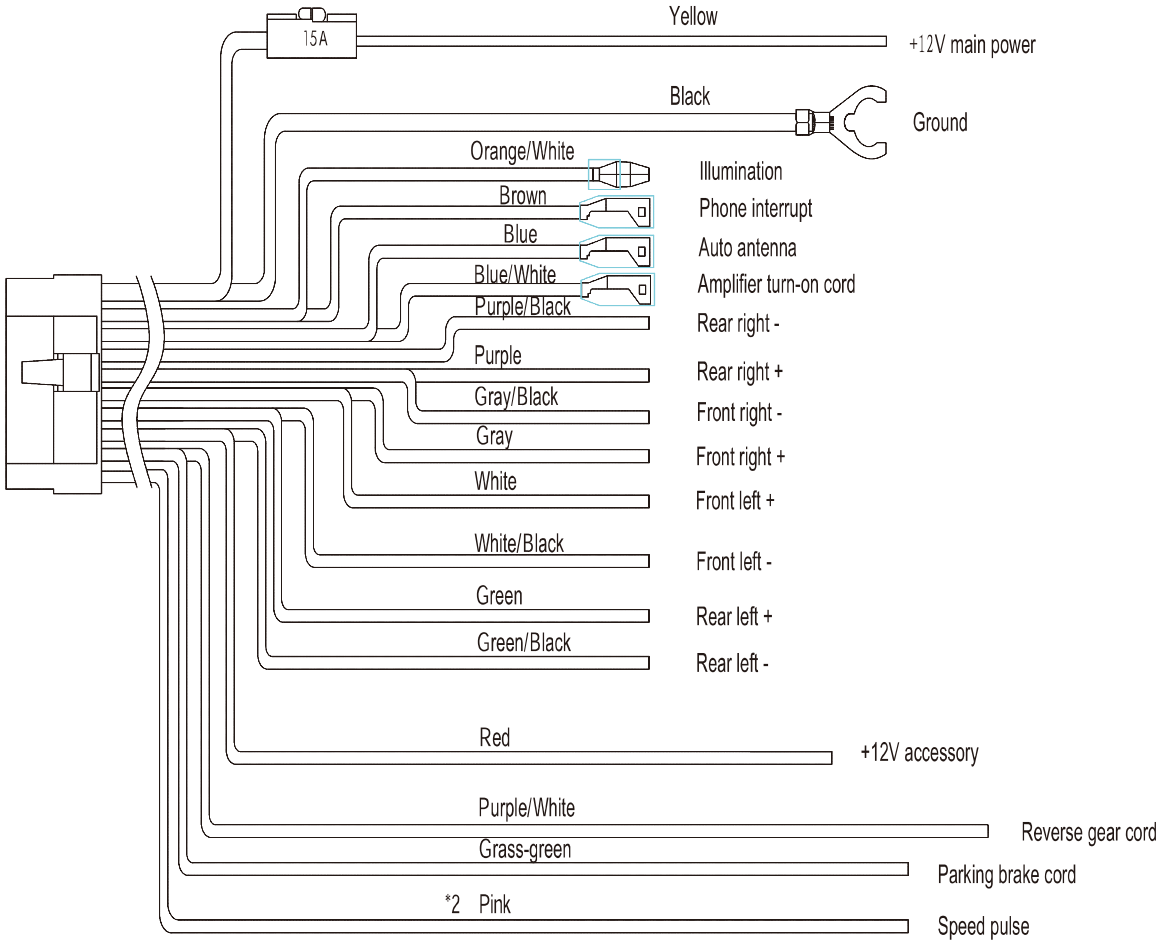
WIRE CONNECTION




15A
Yellow
+12V main power
Black
Ground
Orange/White
Illumination
Brown
Phone interrupt
Blue
Auto antenna
Blue/White
Amplifier turn-on cord
Purple/Black
Rear right -
Purple
Rear right +
Gray/Black
Front right -
Gray
Front right +
White
Front left +
White/Black
Front left -
Green
Rear left +
Green/Black
Rear left -
Red
+12V accessory
Purple/White
Reverse gear cord
Grass-green
Parking brake cord
*2 Pink
Speed pulse

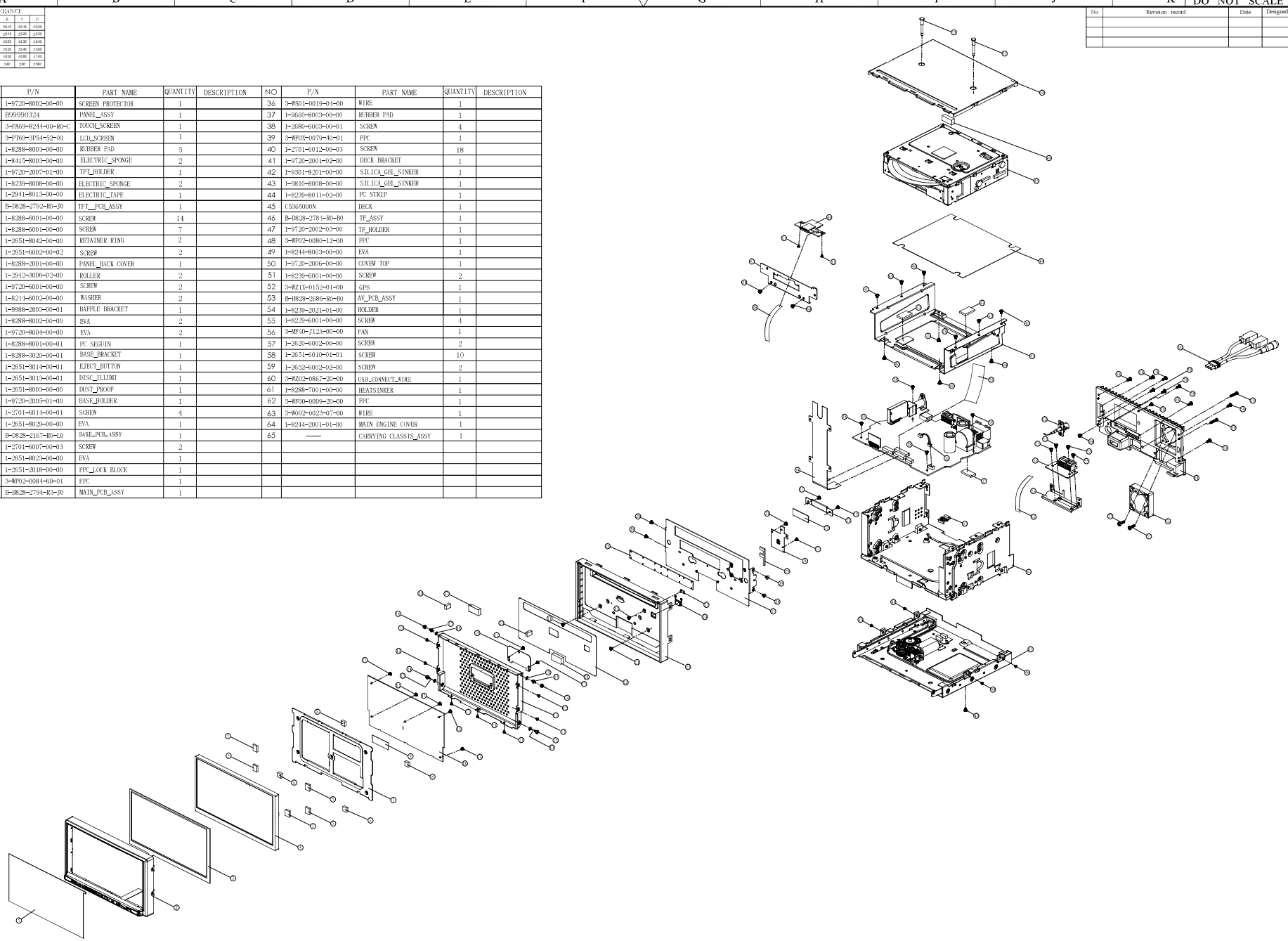
EXPLODED VIEW/PARTS LIST 1/2

DO NOT SCALE A1

TOLERANCY				
SIZE	A	B	C	D
0-6	±0.07	±0.10	±0.15	±0.20
6-30	±0.10	±0.15	±0.20	±0.30
30-90	±0.15	±0.20	±0.30	±0.40
90-150	±0.20	±0.25	±0.40	±0.60
≥150	±0.30	±0.50	±0.80	±1.00
ANGLE	±2°	±4°	±6°	±10°

No	Revision record	Date	Designed	Approved

NO	P/N	PART NAME	QUANTITY	DESCRIPTION	NO	P/N	PART NAME	QUANTITY	DESCRIPTION
1	1-9720-8002-00-00	SCREEN PROTECTOR	1		36	3-WS01-0019-04-00	WIRE	1	
2	B99990324	PANEL_ASSY	1		37	1-9660-8003-00-00	RUBBER PAD	1	
3	3-PA69-8244-00-R0-C	TOUCH_SCREEN	1		38	1-2680-6003-00-01	SCREW	4	
4	3-PT69-3P54-32-00	LCD_SCREEN	1		39	3-WF0X-0079-40-01	FPC	1	
5	1-8288-8003-00-00	RUBBER PAD	5		40	1-2701-6012-00-03	SCREW	18	
6	1-8415-8003-00-00	ELECTRIC_SPONGE	2		41	1-9720-2001-02-00	DECK BRACKET	1	
7	1-9720-2007-01-00	TFT_HOLDER	1		42	1-9301-8201-00-00	SILICA_GEL_SINKER	1	
8	1-8239-8008-00-00	ELECTRIC_SPONGE	2		43	1-9810-8008-00-00	SILICA_GEL_SINKER	1	
9	1-2941-8013-00-00	ELECTRIC_TAPE	1		44	1-8239-8011-02-00	PC STRIP	1	
10	B-D828-2792-R0-J0	TFT__PCB_ASSY	1		45	C536-5000N	DECK	1	
11	1-8288-6001-00-00	SCREW	14		46	B-D828-2781-R0-B0	TP_ASSY	1	
12	1-8288-6001-00-00	SCREW	7		47	1-9720-2002-03-00	TP_HOLDER	1	
13	1-2651-8042-00-00	RETAINER RING	2		48	3-WF02-0080-12-00	FPC	1	
14	1-2651-6002-00-02	SCREW	2		49	1-8244-8003-00-00	EVA	1	
15	1-8288-2001-00-00	PANEL_BACK COVER	1		50	1-9720-2006-00-00	COVEW TOP	1	
16	1-2942-3006-02-00	ROLLER	2		51	1-8239-6001-00-00	SCREW	2	
17	1-9720-6001-00-00	SCREW	2		52	3-WZ1X-0152-01-00	GPS	1	
18	1-8214-6002-00-00	WASHER	2		53	B-D828-2686-R0-B0	AV_PCB_ASSY	1	
19	1-9988-2803-00-01	BAFFLE BRACKET	1		54	1-8239-2021-01-00	HOLDER	1	
20	1-8288-8002-00-00	EVA	2		55	1-8229-6001-00-00	SCREW	4	
21	1-9720-8004-00-00	EVA	2		56	3-MF40-JL23-00-00	FAN	1	
22	1-8288-8001-00-01	PC SEGUIN	1		57	1-2620-6002-00-00	SCREW	2	
23	1-8288-3020-00-01	BASE_BRACKET	1		58	1-2651-6010-01-01	SCREW	10	
24	1-2651-3014-00-01	EJECT_BUTTON	1		59	1-2652-6002-02-00	SCREW	2	
25	1-2651-3013-00-01	DISC_ILLUMI	1		60	3-WZ02-0867-20-00	USB_CONNECT_WIRE	1	
26	1-2651-8003-00-00	DUST_PROOF	1		61	1-8288-7001-00-00	HEATSINKER	1	
27	1-9720-2005-01-00	BASE_HOLDER	1		62	3-WF00-0009-20-00	FPC	1	
28	1-2701-6014-00-01	SCREW	4		63	3-W002-0023-07-00	WIRE	1	
29	1-2651-8029-00-00	EVA	1		64	1-8244-2001-01-00	MAIN ENGINE COVER	1	
30	B-D828-2167-R0-L0	BASE_PCB_ASSY	1		65	------	CARRYING CLASSIS_ASSY	1	
31	1-2701-6007-00-03	SCREW	2						
32	1-2651-8023-00-00	EVA	1						
33	1-2651-2018-00-00	FPC_LOCK BLOCK	1						
34	3-WF02-0084-60-01	FPC	1						
35	B-D828-2794-R0-J0	MAIN_PCB_ASSY	1						



EXPLODED VIEW/PARTS LIST 2/2

TOLERANCE				
RTEK	A	B	C	D
0~5	±0.07	±0.15	±0.15	±0.20
5~20	±0.10	±0.15	±0.20	±0.30
20~50	±0.15	±0.20	±0.30	±0.40
50~150	±0.20	±0.30	±0.40	±0.60
> 150	±0.30	±0.50	±0.60	±1.00
ANGLE	±30'	±40'	±30'	±100'

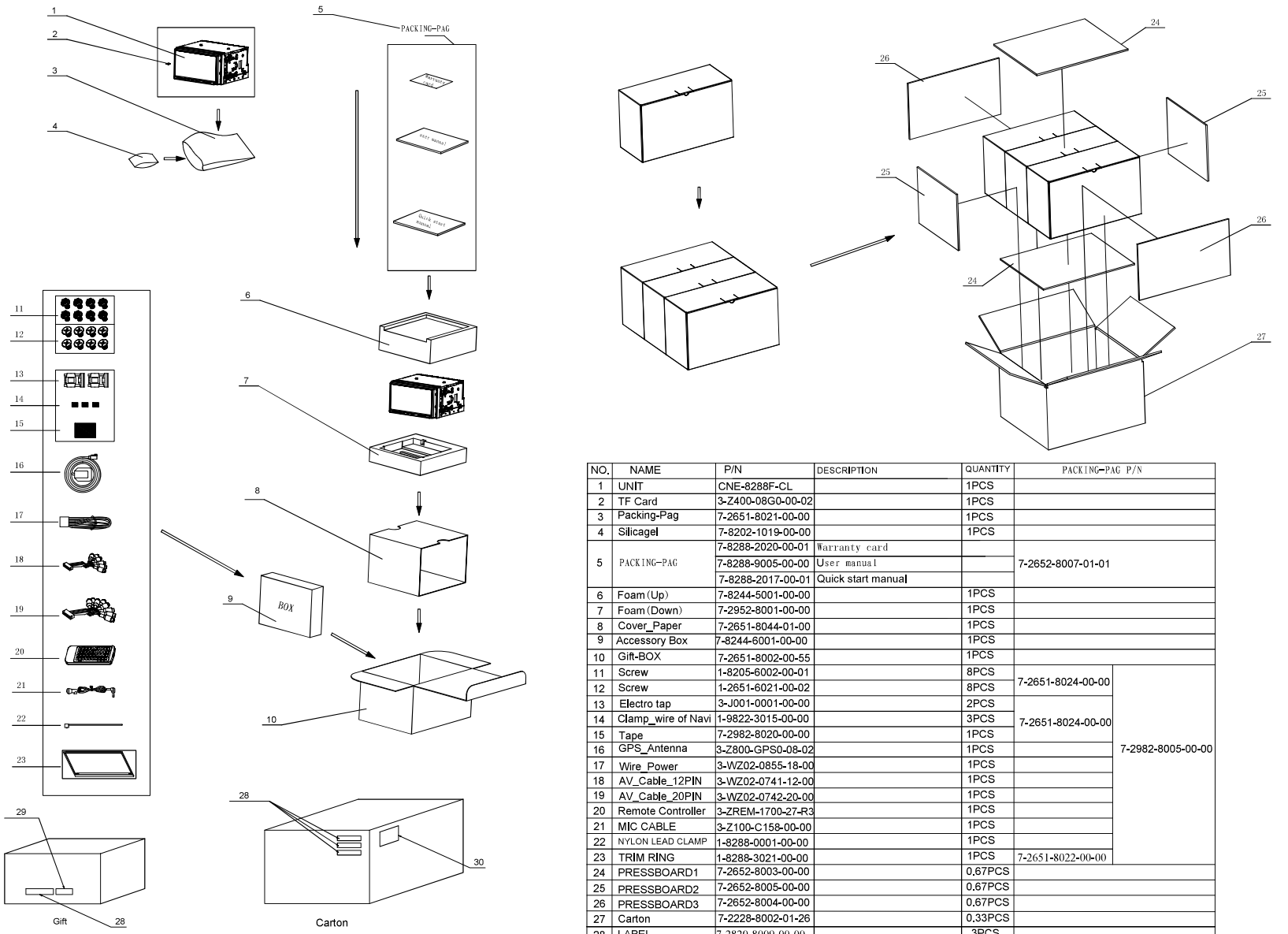
DO NOT SCALE | A1

No	Revision record	Date	Designed	Approved

43		SCREW	1	
42		YELLOW LEAD CLAMP	1	
41		SCREW	1	
40		WASHER	1	
39		LASER HOUSING	1	
38		LASER BLOCK	1	
37		SCREW	1	
36		WASHER	1	
35		SCREW	1	
34		MOTOR FOR ASSY	1	
33		MOTOR	1	
32		MOTOR BACK HOUSING	1	
31		SCREW	1	
30		PULLEY	1	
29		GEAR	1	
28		GEAR	1	
27		TURNGEAR	1	
26		BASE	1	
25		WASHER	1	
24		REJECTION RING	1	
23		SPRING	1	
22		REJECTION RING	1	
21		REJECTION ASSY	1	
20		REJECTION ASSY	1	
19		MEDIA REJECTION	1	
18		REJECTION ASSY	1	
17		Pin	1	
16		SCREW	1	
15		GROOVE	1	
14		SCREW	1	
13		SPACER	1	
12		ENCODER ASSEMBLY	1	
11		MOTOR HOLDER	1	
10		Shield Plate	1	
9		MOTOR HOLDER SPACER	1	
8		Pin	1	
7		SUPPORT ASSY	1	
6		GROOVE	1	
5		SCREW	1	
4		ALIGN GUIDE	1	
3		FRAME	1	
2		CUTTER BLOCK	1	
1		SCREW	1	
NO.		PART NAME	QUANTITY	DESCRIPTION

COMPONENT VIEW/PARTS LIST

DO NOT SCALE | A2



NO.	NAME	P/N	DESCRIPTION	QUANTITY	PACKING-PAG P/N	
1	UNIT	CNE-8288F-CL		1PCS		
2	TF Card	3-Z400-08G0-00-02		1PCS		
3	Packing-Pag	7-2651-8021-00-00		1PCS		
4	Silicagel	7-8202-1019-00-00		1PCS		
5	PACKING-PAG	7-8288-2020-00-01	Warranty card		7-2652-8007-01-01	
		7-8288-9005-00-00	User manual			
		7-8288-2017-00-01	Quick start manual			
6	Foam(Up)	7-8244-5001-00-00		1PCS		
7	Foam(Down)	7-2952-8001-00-00		1PCS		
8	Cover_Paper	7-2651-8044-01-00		1PCS		
9	Accessory Box	7-8244-6001-00-00		1PCS		
10	Gift-BOX	7-2651-8002-00-55		1PCS		
11	Screw	1-8205-6002-00-01		8PCS	7-2651-8024-00-00	7-2982-8005-00-00
12	Screw	1-2651-6021-00-02		8PCS		
13	Electro tap	3-J001-0001-00-00		2PCS	7-2651-8024-00-00	
14	Clamp_wire of Navi	1-9822-3015-00-00		3PCS		
15	Tape	7-2982-8020-00-00		1PCS		
16	GPS_Antenna	3-Z800-GPS0-08-02		1PCS		
17	Wire_Power	3-WZ02-0855-18-00		1PCS		
18	AV_Cable_12PIN	3-WZ02-0741-12-00		1PCS		
19	AV_Cable_20PIN	3-WZ02-0742-20-00		1PCS		
20	Remote Controller	3-ZREM-1700-27-R3		1PCS		
21	MIC CABLE	3-Z100-C158-00-00		1PCS		
22	NYLON LEAD CLAMP	1-8288-0001-00-00		1PCS		
23	TRIM RING	1-8288-3021-00-00		1PCS	7-2651-8022-00-00	
24	PRESSBOARD1	7-2652-8003-00-00		0.67PCS		
25	PRESSBOARD2	7-2652-8005-00-00		0.67PCS		
26	PRESSBOARD3	7-2652-8004-00-00		0.67PCS		
27	Carton	7-2228-8002-01-26		0.33PCS		
28	LABEL	7-2820-8009-00-00		3PCS		
29	One-red	7-0000-1003-00-01		1PCS		
30	UPC LABEL	7-8288-1011-00-01		0.67PCS		

ELECTRICAL PART LISTS

MAIN BOARD PART LISTS				
NO.	Part Number	Part information	Number	Reference Mark
1	3-B345-2794-R3-01	C9SL_CNE-8288F-CL_MAIN_Board_FR4_1.6MM_182.6*141.7mm_ROHS_VR03	1.00	
2	3-JF30-00R5-02-30-H	FPC_Connector_30PIN_0.5mm_SM	2.00	CON4 CON12
3	3-U4HC-4052-PW-BS-8	74HC4052PW_TSSOP16_PHILIPS	2.00	IC8 IC44
4	3-UADV-7611-00-X0-A	IC_ADV7611_Low_Power_165_MHz_HDMI_Receiver_LQFP64	1.00	U10
5	3-U0AK-7738-00-0S-Z	IC_DSP_AK7738_AsahiKASEI_LQFP64	1.00	IC28
6	3-U0AM-2182-00-0S	AM2182_TSSOP20_AMtek	1.00	IC2
7	B98280002	IC_ATSHA204A_SOP8_Atmel	1.00	IC1096
8	3-U0BA-3123-F0-9S-6	BA3123F_SOP8_ROHM	3.00	IC3 IC5 IC6
9	3-CC25-0104-4X-0S-2	Capacitance_0402_0.1uF_X7R_10%_16V	18.00	C79 C149 C203 C206 C212 C214 C215 C217 C218 C219 C245 C246 C248 C249 C263 C375 C2081 C275
10	3-CC37-0104-4X-0S-2	Capacitance_0603_0.1uF_25V_X7R_±10%	62.00	C1 C8 C10 C11 C15 C16 C18 C22 C26 C28 C29 C54 C61 C63 C70 C96 C99 C102 C104 C106 C114 C116 C117 C118 C124 C128 C129 C134 C156 C160 C163 C166 C169 C174 C182 C188 C189 C196 C210 C211 C213 C221 C229 C233 C234 C238 C242 C250 C253 C254 C257 C262 C332 C445 C1003 C1006 C1007 C1010 C1020 C1028 C1042 C1044
11	3-CC39-0104-4X-0S-2	Capacitance_0603_0.1UF_50V_X7R_±10%	1.00	C59
12	3-CC49-0104-4X-0S-2	Capacitance_0805_0.1uF_50V_X7R_±10%	1.00	C69
13	3-CC35-0224-4X-0S-2	Capacitance_0603_0.22uF_16V_X7R_±10%	4.00	C1105 C1106 C1107 C1108
14	3-CC37-0122-4X-0S-0	Capacitance_0603_1.2nF_50V_X7R_±10%	2.00	C1015 C1022
15	3-CC35-0101-30-0S-2	Capacitance_0603_100pF_50V_NPO_±5%	2.00	C1002 C1221
16	3-CC29-0100-34-0S	Capacitance_0402_10pF_50V_COG_±5%	1.00	C132

17	3-CC35-0103-4X-0S-2	Capacitance_0603_10nF_50V_X7R_±10%	52.00	C3 C14 C31 C42 C64 C91 C93 C94 C119 C125 C139 C143 C144 C157 C185 C186 C193 C194 C200 C201 C225 C230 C232 C235 C236 C237 C239 C240 C241 C244 C247 C252 C255 C256 C258 C261 C340 C341 C342 C1049 C1100 C209 C45 C130 C131 C191 C251 C489 C207 C208 C278 C178
18	3-CC35-0100-30-0S-2	Capacitance_0603_10pF_50V_NPO_±5%	2.00	C55 C122
19	3-CC43-0106-4R-0S-1	Capacitance_0805_10uF_10V_X5R__±10%	7.00	C6 C20 C50 C66 C220 C222 C83
20	3-CC45-0106-4R-0S-1	Capacitance_10UF_0805_X5R_16V_±10%	7.00	C19 C65 C67 C146 C147 C179 C180
21	3-CC67-0106-4R-0S-1	1210_10uF_25V_±10%_X7R_GRM32DR71E106K	3.00	C490 C1029 C1030
22	3-CC32-0106-54-0S-1	Capacitance_0603_10uF_6.3V_X5R_±20%	10.00	C2 C12 C17 C24 C35 C84 C133 C135 C243 C1027
23	3-CC42-0106-44-0S-2	Capacitance_0805_10uF_6.3V_X5R_±10%	1.00	C173
24	3-CC22-0106-5R-0S-2	Capacitance_0402_10uF/6.3V_X5R_±20%	2.00	C271 C279
25	3-CC35-0150-30-0S-2	Capacitance_0603_15pF_50V_NPO_±5%	3.00	C57 C98 C111
26	3-CC23-0018-30-0S-2	Capacitance_0402_18PF_10V_NPO_±5%	2.00	C276 C277
27	3-CC35-0180-80-0S-2	Capacitance_0603_18pF_50V_NPO_±1%	2.00	C150 C151
28	3-CC35-0102-30-0S	Capacitance_0603_1n_50V_NPO_±5%	1.00	C388
29	3-CC35-0102-4X-0S-2	Capacitance_0603_1nF_50V_X7R_±10%	5.00	C121 C1004 C1005 C1011 C1021
30	3-CC25-0105-4R-0S-2	Capacitance_0402_1uF_16V_X5R_±10%	3.00	C268 C274 C280
31	3-CC35-0105-4X-1S-2	Capacitance_0603_1uF_16V_X7R_±10%	63.00	C5 C7 C9 C21 C23 C47 C68 C73 C74 C82 C92 C100 C140 C141 C142 C161 C175 C224 C226 C227 C260 C285 C295 C446 C1014 C1024 C1102 C1103 C107 C126 C127 C190 C272 C273 C34 C38 C39 C41 C43 C44 C48 C49 C51 C75 C95 C103 C110 C136 C168 C176 C183 C195 C265 C266 C294 C298 C308 C321 C324 C325 C326 C327 C415
32	3-CC37-0105-4X-1S-2	Capacitance_0603_1uF_25V_X7R_±10%	4.00	C198 C204 C205 C338
33	3-CC47-0105-4X-1S-2	Capacitance_0805_1uF_25V_X7R_±10%	2.00	C1527 C1528
34	3-CC59-0105-4X-0S-2	Capacitance_1206_1uF_50V_X7R_±10%	1.00	C1101

35	3-CC45-02U2-4X-0S-2	Capacitance_0805_2.2UF_16V_X7R_±10%	2.00	C36 C322
36	3-CC32-0225-4X-0S-2	Capacitance_0603_2.2uF_6.3V_X5R_±10%	5.00	C58 C72 C78 C81 C89
37	3-CC35-0200-30-0S-0	Capacitance_0603_20pF_50V_NPO_±5%	2.00	C197 C199
38	3-CC35-0221-30-0S-0	Capacitance_0603_220pF_50V_NPO_±5%	2.00	C153 C184
39	3-CC35-0223-4X-0S-0	Capacitance_0603_22nF_50V_X7R_±10%	3.00	C76 C152 C259
40	3-CC33-0220-80-0S-2	Capacitance_0603_22PF_50V_NPO_±5%	2.00	C88 C101
41	3-CC29-0220-3C-6S-2	Capacitance_SN-6605-Z_0402_22PF_50V_±5%_COG_GRM1555C1H22	2.00	C264 C267
42	3-CC67-0226-4R-0S-1	Capacitance_1210_22uF_25V_X5R_±10%	9.00	C13 C115 C159 C1013 C1023 C1040 C1041 C1047 C228
43	3-CC35-0332-4X-0S-0	Capacitance_0603_3n3_50V_X7R_±10%	2.00	C80 C113
44	3-CC37-0392-4X-0S-2	Capacitance_0603_3.9nF_50V_X7R_±10%	14.00	C52 C53 C56 C60 C62 C85 C90 C97 C109 C112 C123 C231 C1016 C1025
45	3-CC35-0331-30-0S-2	Capacitance_0603_330pF_50V_NPO_±5%	2.00	C1017 C1026
46	3-CC35-0330-30-0S-2	Capacitance_0603_33pF_50V_NPO_±5%	4.00	BC3 C1000 C1001 C1045
47	3-CC35-0390-30-0S-2	Capacitance_0603_39pF_50V_NPO_±5%	1.00	C1198
48	3-CC35-0472-4X-0S	Capacitance_0603_4n7_50V_X7R_±10%	1.00	C1046
49	3-CC43-0475-4X-0S-2	Capacitance_0805_4.7uF_10V_X7R_±10%_TDK	2.00	C105 C323
50	3-CC45-0475-4R-0S-1	Capacitance_0805_4.7uF_16V_X5R_±10%	4.00	C108 C148 C120 C181
51	3-CC57-04U7-5X-0S-1	Capacitance_1206_4.7UF_25V_X7R_±10%	1.00	C1104
52	3-CC59-0475-4X-0S-2	Capacitance_1206_4.7UF_50V_X7R_±10%	4.00	C1008 C1009 C1018 C1019
53	3-CC32-0475-44-0S-1	Capacitance_0603_4.7uF_6.3V_X5R_±10%	4.00	C46 C202 C216 C223
54	3-CC33-0474-4X-0S	Capacitance_0603_0.47uF_10V_X7R_±10%	1.00	C77
55	3-CC35-0471-30-0S-2	Capacitance_0603_470pF_50V_NPO_±5%	1.00	C1048
56	3-CC35-0470-30-0S-0	Capacitance_0603_47pF_50V_NPO_±5%	1.00	C270
57	3-CC35-05P6-30-0S	Capacitance_0603_5.6PF_50V_NPO_±0.5PF	2.00	C25 C27
58	3-CC35-0050-80-0S-2	Capacitance_0603_5pF_50V_NPO_±O.25	2.00	C86 C87
59	3-CC35-0822-4X-0S-2	Capacitance_0603_8n2_50V_X7R_±10%	2.00	C171 C172
60	3-JF20-00R5-05-2J-E	FPC_Connector__20PIN_0.5mm_SMT	1.00	CON11
61	3-J110-0125-07-30	Connector_10PIN_1.25mm_SMT	1.00	CON3

62	3-J102-0125-07-30-C	Connector_2PIN_1.25mm_SMT	1.00	CONO3
63	3-JF40-00R5-02-30-H	FPC_Connector_40PIN_0.5mm_SM	1.00	CON8
64	3-J104-0125-07-30-C	Connector_4PIN_1.25mm_SMT	1.00	CON6
65	3-JF07-00R5-02-22-E	FPC_Connector__7pin_0.5mm_SMT_H2.0MM_	1.00	CON21
66	3-J107-0125-07-30	Connecto_7PIN_1.25mm_SMT	1.00	CON19
67	B-S828-2279-R1-J0	CNE-8288F-CL_PrimaII_CORE_BOARD_SMT_3-B384-2279-R1-02	1.00	U16
68	3-XQ01-24M0-00-3S	Crystal_24MHZ_8PF_15PPM_NX3225SA	1.00	Y1004
69	3-U0CS-4344-CZ-XS-Z	CS4344_TSSOP10_DAC_IC_CIRRUS_LOGIC	1.00	U9
70	3-UCSR-8311-08-0S	BT_CSR8311A08-IQQD-R_QFN40	1.00	U6
71	3-DTVS-SM8S-22-0S-H	Diode_TVS_SM8S22A_22V_35.5V_DO-218AB	1.00	D11
72	3-DRB0-4004-00-0S-B	Diode_M4_IA_SOD-106	4.00	D1 D61 D1000 D1001
73	3-DKA0-4148-00-0S-7	Diode_LMDL914T1G_200mA_200mW_SOD-323	27.00	D4 D5 D7 D8 D10 D13 D14 D16 D17 D19 D21 D25 D33 D35 D37 D38 D39 D40 D41 D1006 D1007 D1009 D1047 D1052 D1120 D2 D3
74	3-DXA9-551V-30-0S-7	Diode_LRB551V-30T1G_SOD-323_500MA_200MW	1.00	D1118
75	3-DSX0-SK34-00-0S-J	Diode_SK34_3A_SMA-L	1.00	D15
76	3-DRX0-SS16-00-0S-J	Diode_SS16E_1A_SMA	1.00	D18
77	3-U90C-385A-00-BS-5	IC_DS90C385A_TSS0P56	1.00	U17
78	3-CES5-0107-52-0S-9	Capacitance_6.3X5.3_100uF_16V_105℃_±20%	2.00	TC4 TC20
79	3-CES7-0107-52-0S-9	Capacitance_6.3X7.7_100uF_25V_105℃_±20%	1.00	TC18
80	3-CES5-0106-52-0S	Capacitance_4X5.3_10uF_16V_105℃_±20%	3.00	TC2 TC23 TC1021
81	3-CES5-0227-52-0S-9	Capacitance_6.3*7.7_220uF_16V_105℃_±20%	1.00	TC3
82	3-CES2-0227-52-0S-9	Capacitance_6.3X5.3_220uF_6.3V_105℃_±20%	3.00	TC1001 TC1002 TC1003
83	3-CES2-0477-52-0S	Capacitance_6.3X7.7_470uF_6.3V_105℃_±20%	1.00	TC1005
84	3-CES5-0476-52-0S-F	Capacitance_5X5.3_47uF_16V_105℃_±20%	5.00	TC5 TC6 TC7 TC24 TC1012
85	3-U25L-3206-E0-0S-Z	FLASH_IC__MX25L3206E__SPIFLASH_32MBit_SOP-8_4M_3V3_	1.00	U25
86	3-DHXX-1018-10-0S-7	ESD_0603_18V_10PF	28.00	ESD1 ESD2 ESD3 ESD6 ESD7 ESD8 ESD9 ESD10 ESD13 ESD26 ESD27 ESD28 ESD34 ESD35 ESD37 ESD56 ESD61 ESD64 U1 U12 U19 U20 U22 U29 U30 U32 U33 U34
87	3-LA30-120R-X0-0S	Ferrite bead_BLM18PG121SN1D_0603_2A_120Ω_±25%	3.00	FB21 FB22 FB24
88	3-LA30-121R-00-0S	Ferrite bead_0603_120Ω_≤300mA_±25%	1.00	FB23

89	3-LA5X-121R-W0-0S-C	Ferrite bead_0805_120R_≤2000mA_±25%	1.00	FB12
90	3-LA30-182R-00-1S-J	Ferrite bead_0603_1800Ω_≤50mA_±25%	2.00	FB13 FB14
91	3-LA30-601R-G0-0S	Ferrite bead_0603_600Ω_≤100mA_±25%	1.00	FB1
92	3-LA5X-601R-G0-0S-C	Ferrite bead_0805_600R_≤300mA_±25%	6.00	FB15 FB16 FB17 L19 L20 L21
93	3-LA2X-600R-X0-0S-3	Ferrite bead_0402_300MA_600Ω_±25%	32.00	FB2 FB3 FB4 FB5 FB6 FB7 FB8 FB9 FB10 FB11 FB31 FB33 FB34 FB35 FB36 FB38 FB39 FB44 FB46 FB47 FB48 FB49 FB50 FB51 FB52 FB53 FB54 FB55 FB56 FB57 FB58 FB59
94	3-UFMS-6502-00-BS-F	FMS6502_TSSOP-24_FAIRCHILD	1.00	IC45
95	3-JF12-00R5-04-2J-E	FPC_Connector_12PIN_0.5mm_H2.0_SMT	1.00	CON7
96	3-F301-D1A1-01-00-B	FUSE_1812_1.1A_33V_PPTC	3.00	FU2 FU9 FUSE1
97	3-J104-IPEX-00-00-8	RF_Connector_I-PEX_1.13MM_20279-001E-01	1.00	G_J1
98	3-J119-HDMI-07-20-F	HDMI Connector_A_TYPE__SMT_TYPE_1mm	1.00	U3
99	3-UMUT-MH23-00-XS-6	Mute_Dual_digital_transistor_IMH23_ROHM	4.00	IC1045 IC1046 IC1047 IC1048
100	3-UMFI-337S-39-0S	IC_W/USB_AUDIO_2.0C_MFI337S3959	1.00	IC9
101	3-QIRF-7205-PM-6S-6	FET_IRF7205TRPBF_SO-8_P	1.00	IC31
102	3-QIRL-6402-PM-6S-7	FET_LP3443LT1G__SOT23_P	5.00	Q5 Q8 Q22 Q15 Q43
103	3-U814-2LAB-3D-0S-Z	IC_UTC_8142L-AB3-D-R_SOT-89(PIN:IN-GND-OUT)_4V2	1.00	U2
104	3-Q0KR-C402-0N-6S-7	Transistor_LMUN5211T1G_USM_NPN	13.00	Q7 Q11 Q12 Q16 Q17 Q20 Q31 Q36 Q37 Q42 Q71 Q72
105	3-RS63-0000-F0-0S-1	Resistance_1206_0Ω_1/8W_±1%	7.00	FU L3 L6 L7 L11 L18 FU4
106	3-L8S0-0100-NX-00	Inductance_4.9*4.9*3.0_10uH_±20%_1A_SDRH4D28-100MC-01	1.00	L35
107	3-L2X9-010U-M0-0S-M	Inductance_14B6045E_10UH_±20%__3A_ROHS	2.00	L1000 L1005
108	3-L4S0-015U-H1-25-E	Inductance_CDH125(12.3*12.3*6.0)_15UH	1.00	L1006
109	3-L2S0-022U-M0-7S-M	Inductance_SANWA_18B1278L-220MT01_22UH_±20%	2.00	L1001 L1002
110	3-L83X-039N-H0-0S-3	Inductance_0603_39nH_±2%_LQW18AN39NG00	1.00	G_L2
111	3-LA6X-060R-00-0S-C	Ferrite bead_1206_60R_≤1000mA_±25%	5.00	L5 L8 L38 FB18 FB19
112	3-L4S0-0100-CD-32	Inductance_CD32_10uH_≤1.43A_±10%_SD32-100KC	1.00	L24
113	3-U0LD-1117-33-0S-Z	LD1117_3.3V_MAX800mA_SOT-223_AXE	1.00	IC7
114	3-U0LD-1117-18-0S-Z	LDO_AX1117AE18A_1.8V/1A_SOT-223	1.00	IC14

115	3-ULFB-212G-45-0S	WIFI/BT_LFB212G45CG2D013_0805_Murata	1.00	U7
116	3-UNJW-1240-00-0S-J	IC_NJW1240_+6dB/+8.3dB_SSOP32_JRC	1.00	IC120
117	3-RN21-001K-J0-0S-1	Resistance_0402_1K*4_1/16W_±	5.00	NR1 NR2 NR4 NR6 NR7
118	3-RN21-022R-J0-0S-1	Resistance_0402_22R*4_1/16W_±5%	2.00	NR10 NR11
119	3-RS21-D4K7-J0-00-1	Resistance_0402_4.7K*4_1/16W_±5%	2.00	NR5 NR8
120	3-RN21-051R-F0-0S-1	Resistance_51Ω	2.00	NR12 NR13
121	3-RSA5-0R02-F0-0S-1	Resistance_2010_0.02Ω_1/2W_±	2.00	R1006 R1014
122	3-RS21-0000-J0-0S-1	Resistance_0402_0Ω_1/16W_±5%	3.00	R246 R270 FB45
123	3-RS31-0000-J0-0S-1	Resistance_0603_0Ω_1/16W_±5%	27.00	R3 R27 R39 R43 R82 R153 R166 R180 R182 R230 R235 R236 R245 R250 R261 R344 R345 R1022 R1034 R1093 R1306 FB28 FB29 R402 R403 R258 R292
124	3-RS31-01K5-F0-0S-1	Resistance_0603_1K5_1/16W_±1%	1.00	R1015
125	3-RS31-01K8-F0-0S-1	Resistance_0603_1K8_1/16W_±1%	1.00	R211
126	3-RS21-100K-F0-0S-1	Resistance_0402_100K_1/16W_±	1.00	R105
127	3-RS31-100K-F0-0S-1	Resistance_0603_100K_1/16W_±1%	10.00	R1098 R1099 R1100 R1101 R1385 R1388 R1389 R1392 R1393 R1396
128	3-RS63-100K-F0-0S-1	Resistance_1206_100K_1/8W_±1%	1.00	R506
129	3-RS31-100K-J0-0S-1	Resistance_0603_100K_1/16W_±5%	12.00	R6 R126 R143 R212 R267 R290 R417 R442 R696 R782 R1000 R1002
130	3-RS31-100R-F0-0S-1	Resistance_0603_100Ω_1/16W_±1%	12.00	R94 R95 R113 R129 R130 R131 R1386 R1387 R1390 R1391 R1394 R1395
131	3-RS21-100R-J0-0S-1	Resistance_0402_100Ω_1/16W_±	2.00	R238 R239
132	3-RS31-100R-J0-0S-1	Resistance_0603_100Ω_1/16W_±5%	41.00	R23 R25 R28 R29 R31 R32 R52 R53 R55 R74 R75 R86 R87 R93 R96 R115 R120 R136 R140 R146 R149 R151 R177 R194 R205 R223 R229 R233 R234 R330 R331 R353 R363 R383 R388 R390 R400 R412 R414 R776 R777
133	3-RS21-010K-F0-0S-1	Resistance_0402_10K_1/16W_±1%	23.00	R22 R30 R34 R35 R77 R103 R104 R106 R108 R111 R112 R193 R196 R247 R249 R266 R476 R477 R478 R479 R482 R271 R289
134	3-RS31-010K-F0-0S-1	Resistance_0603_10K_1/16W_±1%	7.00	R24 R37 R162 R217 R333 R407 C4

135	3-RS31-010K-J0-0S-1	Resistance_0603_10K_1/16W_±5%	46.00	R7 R33 R36 R38 R48 R54 R60 R63 R64 R65 R66 R67 R85 R88 R92 R98 R100 R138 R144 R148 R155 R227 R228 R251 R262 R268 R275 R276 R301 R332 R338 R342 R343 R384 R447 R755 R783 R784 R1097 R1302 R1303 R1304 R1695 R1696 R109 R110
136	3-RS63-010K-J0-0S-1	Resistance_1206_10K_1/8W_±5%	1.00	R20
137	3-RS31-010R-J0-0S-1	Resistance_0603_10Ω_1/16W_±5%	10.00	R15 R219 R222 R226 R232 R421 R1004 R1005 R1012 R1013
138	3-RS31-120K-F0-0S-1	Resistance_0603_120K_1/16W_±	2.00	R422 R1039
139	3-RS21-012K-F0-0S	Resistance_0402_12K_1/16W_±1%	1.00	R107
140	3-RS31-012K-F0-0S-1	Resistance_0603_12K_1/16W_±1%	2.00	R119 R243
141	3-RS31-012R-F0-0S-1	Resistance_0603_12Ω_1/16W_±1%	2.00	R183 R184
142	3-RS31-130K-F0-0S-1	Resistance_0603_130K_1/16W_±	1.00	R1021
143	3-RS31-016K-F0-0S-1	Resistance_0603_16K_1/16W_±1%	1.00	R566
144	3-RS31-180K-J0-0S-1	Resistance_0603_180K_1/16W_±	4.00	R125 R202 R284 R304
145	3-RS31-018K-F0-0S-1	Resistance_0603_18K_1/16W_±1%	1.00	R1019
146	3-RS21-001K-F0-0S-1	Resistance_0402_1K_1/16W_±1%	4.00	R192 R199 R201 R485
147	3-RS31-001K-F0-0S-1	Resistance_0603_1K_1/16W_±1%	4.00	R309 R396 R1008 R1016
148	3-RS31-001K-J0-0S-1	Resistance_0603_1K_1/16W_±5%	58.00	R5 R12 R14 R51 R57 R58 R61 R62 R68 R69 R70 R71 R80 R84 R89 R101 R114 R117 R122 R124 R142 R145 R156 R159 R160 R167 R168 R169 R175 R178 R179 R195 R200 R203 R204 R207 R221 R224 R231 R240 R242 R273 R274 R279 R280 R281 R326 R380 R381 R382 R425 R462 R495 R589 R1106 R1305 R1401 R1402
149	3-RS63-001K-J0-0S-1	Resistance_1206_1K_1/8W_±5%	1.00	R311
150	3-RS21-001M-F0-0S-1	Resistance_0402_1M_1/16W_±1%	2.00	R18 R216
151	3-RS31-001M-F0-0S-1	Resistance_0603_1M_1/16W_±1%	3.00	R445 R1001 R1003
152	3-RS31-020K-F0-0S-1	Resistance_0603_20K_1/16W_±1%	1.00	R1011
153	3-RS31-020K-J0-0S-1	Resistance_0603_20K_1/16W_±5%	8.00	R16 R56 R260 R263 R420 R448 R1400 R1403
154	3-RS31-220R-F0-0S-1	Resistance_0603_220Ω_1/16W_±	4.00	R116 R118 R1868 R1869
155	3-RS21-022K-F0-0S	Resistance_0402_22K_1/16W_±1%	1.00	R475
156	3-RS31-022K-F0-0S-1	Resistance_0603_22K_1/16W_±1%	2.00	R1038 R1040
157	3-RS31-022R-F0-0S	Resistance_0603_22R_1/16W_±1%	2.00	R26 R44
158	3-RS31-024K-J0-0S-1	Resistance_0603_24K_1/16W_±5%	1.00	R335
159	3-RS31-270K-F0-0S-1	Resistance_0603_270K_1/16W_±	1.00	R1023
160	3-RS31-027K-F0-0S-1	Resistance_0603_27K_1/16W_±1%	3.00	R252 R359 R367
161	3-RS31-002K-F0-0S-1	Resistance_0603_2K_1/16W_±1%	3.00	R172 R214 R334
162	3-RS31-002K-J0-0S-1	Resistance_0603_2K_1/16W_±5%	1.00	R78
163	3-RS31-02K2-F0-0S-1	Resistance_0603_2K2_1/16W_±1%	2.00	R253 R1094

164	3-RS63-002R-J0-0S-1	Resistance_1206_2Ω_1/8W_±5%	2.00	R91 R339
165	3-RS31-300K-F0-0S-1	Resistance_0603_300K_1/16W_±	1.00	R1020
166	3-RS31-030K-F0-0S-1	Resistance_0603_30K_1/16W_±1%	12.00	R21 R173 R299 R300 R307 R308 R358 R418 R1102 R1103 R1104 R1105
167	3-RS31-330K-J0-0S-1	Resistance_0603_330K_1/16W_±	1.00	R1033
168	3-RS21-330R-F0-0S	Resistance_0402_330Ω_1/16W_±1%	12.00	R132 R134 R135 R137 R139 R150 R152 R154 R157 R161 R171 R174
169	3-RS52-330R-J0-0S-1	Resistance_0805_330Ω_1/10W_±	2.00	R13 R59
170	3-RS31-033R-F0-0S-1	Resistance_0603_33Ω_1/16W_±1%	3.00	R213 R215 R1037
171	3-RS21-033R-J0-0S-1	Resistance_0402_33Ω_1/16W_±5%	1.00	R372
172	3-RS31-033R-J0-0S-1	Resistance_0603_33Ω_1/16W_±5%	3.00	R81 R285 R286
173	3-RS31-036K-F0-0S-1	Resistance_0603_36K_1/16W_±1%	1.00	R1024
174	3-RS31-039K-F0-0S-1	Resistance_0603_39K_1/16W_±1%	3.00	R256 R1010 R1018
175	3-RS31-03K9-F0-0S-1	Resistance_0603_3K9_1/16W_±1%	2.00	R47 R210
176	3-RS31-043K-F0-0S	Resistance_0603_43K_1/16W_±1%	1.00	R474
177	3-RS31-470K-J0-0S-1	Resistance_0603_470K_1/16W_±	1.00	R220
178	3-RS31-470R-J0-0S-1	Resistance_0603_470Ω_1/16W_±	4.00	R2 R19 R310 R446
179	3-RS31-047K-F0-0S-1	Resistance_0603_47K_1/16W_±1%	2.00	R218 R1009
180	3-RS31-047K-J0-0S-1	Resistance_0603_47K_1/16W_±5%	3.00	R248 R254 R426
181	3-RS31-04K7-F0-0S-1	Resistance_0603_4K7_1/16W_±1%	1.00	R1196
182	3-RS21-04K7-J0-0S-1	Resistance_0402_4K7_1/16W_±5%	2.00	R206 R291
183	3-RS31-04K7-J0-0S-1	Resistance_0603_4K7_1/16W_±5%	22.00	R50 R121 R127 R128 R282 R287 R305 R323 R385 R457 R458 R459 R461 R463 R158 R163 R303 R312 R357 R434 R1870 R1871
184	3-RS63-04K7-J0-0S-1	Resistance_1206_4K7_1/8W_±5%	1.00	R283
185	3-RS31-051K-F0-0S-1	Resistance_0603_51K_1/16W_±1%	1.00	R244
186	3-RS21-051R-F0-00-1	Resistance_0402_51R_±1%_1/16W	1.00	R351
187	3-RS31-051R-J0-0S-1	Resistance_0603_51Ω_1/16W_±5%	3.00	R41 R46 R1007
188	3-RS31-560K-F0-0S-1	Resistance_0603_560K_1/16W_±	1.00	R423
189	3-RS31-056K-F0-0S-1	Resistance_0603_56K_1/16W_±1%	1.00	R1108
190	3-RS31-068K-F0-0S-1	Resistance_0603_68K_1/16W_±1%	1.00	R1035
191	3-RS31-06K2-F0-0S-1	Resistance_0603_6K2_1/16W_±1%	2.00	R255 R259
192	3-RS31-06K8-F0-0S-1	Resistance_0603_6K8_1/16W_±1%	4.00	R340 R341 R415 R416
193	3-RS31-075K-F0-0S-1	Resistance_0603_75K_1/16W_±1%	1.00	R1017
194	3-RS31-075R-F0-0S-1	Resistance_0603_75Ω_1/16W_±1%	11.00	R8 R9 R10 R11 R141 R208 R209 R225 R355 R356 R585
195	3-DTXX-DF10-04-0S-P	Diode_TVS_TVW_DF_10_04_AD0_0.6pf_DFN-10	3.00	U8 U11 U15
196	3-U0RT-9179-PB-XS-R	LDO_IC_RT9179PB_300mA/ADJ_SOT-23-5	1.00	U5
197	3-URT9-1933-3P-00-R	IC_RT9193-33PB_SOT-25_LDO_300mA_	1.00	U28
198	3-DTVS-24DL-CB-0S	TVS_SOD-323_WS24DLC-B_24V	1.00	ESD4
199	3-DT10-SES0-T0-00-E	TVS_(SESOT05C)__SOT-23_6-7V_220PF	2.00	ZD17 ZD18
200	3-Q0SP-8K33-NM-XS-6	FET_ROHM_SP8K33_SOP8_N	2.00	Q1000 Q1001

201	3-L23X-02U2-K0-0S	Inductance_0603_2.2uH_≤75mA_±10%	1.00	L4
202	3-USTM-8S20-7M-XS-2	MCU_STM8S207MBT6B	1.00	IC61
203	3-LXSX-A900-00-0S-3	Inductance_DLP2ADA900HL4L_90Ω_100MHz	2.00	U21 U23
204	3-UTPS-5454-00-0S-5	C_TPS54540_DC-DC_8_Pin_HSOIC_5A	1.00	IC1002
205	3-UTPS-2546-00-0S-5	USB_IC_TPS2546_QFN16_TI	1.00	U14
206	3-UTPS-4333-Q1-00-5	IC_texas_instruments_TPS43331_Q1_DUAL_SWITCHER_AND_LINEAR_REGULATORS	1.00	IC1000
207	3-QMBT-3904-0N-6S-7	Transistor_LMBT3904LT1G_SOT-23_NPN	19.00	Q2 Q3 Q4 Q9 Q14 Q19 Q23 Q25 Q26 Q28 Q29 Q41 Q47 Q50 Q62 Q63 Q65 Q1019 Q18
208	3-QKTD-1624-0N-6S-Q	Transistor_KTD1624C_SOT-	2.00	Q6 Q49
209	3-QMBT-3906-0P-6S	Transistor_LMBT3906LT1G_SOT-23_PNP	8.00	Q1 Q10 Q51 Q52 Q67 Q68 Q69 Q1018
210	3-XQ05-008M-01-2S-1	Crystal__8MHz_49SMT_20PF_±10ppm_-40℃~85℃	1.00	Y6
211	3-XQ01-12M2-88-2S-1	Crystal_12.288MHz_SMD3225__20PF_±10ppm__-40℃~+85℃_	1.00	Y1
212	3-XQ01-026M-00-20-1	Crystal_26MHz_+/-10PPM_12PF_SMD_3225	1.00	U4
213	3-XQ01-028M-63-0S-1	Crystal_SMD3225__28.63636MHZ_30ppm_18pF	1.00	U13
214	3-DZA3-0010-00-0S-J	Diode_10V_1mA_SOD-323	2.00	ZD6 ZD34
215	3-DZA3-0012-00-0S-J	Diode_12V_1mA_SOD-323_MMSZ5242BS	2.00	ZD8 ZD44
216	3-DZA3-0018-00-0S-J	Diode_18V_MSOD-323_MMSZ5242BS	2.00	ZD4 ZD16
217	3-DZA3-05V6-00-0S-7	Diode_5.6V_1mA_SOD-323_LM3Z5V6T1G	2.00	ZD1 ZD9
218	3-DZA3-07V5-00-0S-7	Diode_7.5V_1mA_SOD-323	9.00	ZD10 ZD11 ZD12 ZD13 ZD19 ZD20 ZD21 ZD22 ZD23
219	3-DTVS-LESD-5L-0S	Diode_TVS_LESD5L5.0T1G_USB ESD_0.5pF_SOD-523	6.00	ZD2 ZD3 ZD5 ZD7 ZD14 ZD15
220	3-DBXD-SK54-5A-0S-J	Diode_SK54-PANJIT_SMC/DO-214AB_5A_2.75W	1.00	D1003
221	3-RS21-010R-F0-00-1	Resistance_0402_10R_1/16W_±1%	1.00	R237
222	3-UUSB-4604-I0-0S-Z	IC_Hub_Controller_IC_USB4604I-1080HN__48-pin_SQFN_-40℃-85℃_SMSC	1.00	U24
223	3-Z800-NE0M-8L-00-Z	GPS mode_NEO-M8L__GPS/_QZSS/GLONASS/_BeiDou/_Galileo_u-blox_-147dBm_2.5M_28S	1.00	U27
224	3-U0TX-1952-00-0S-T	TOSLINK_TOTX1952(6M.F)_FIBER OPTIC TRANSMITTING MODULE_6PIN	1.00	CON2
225	3-CE16-0688-52-00	Capacitance_16*25_6800uF_20V_105℃_±20%_2.8±0.3mm	1.00	TC78
226	3-CE16-0478-52-00	Capacitance_16*25_4700uF_20V_105℃_±20%	1.00	TC1000
227	3-JU04-0040-08-00-F	MiniUsb connector_5pin_3.3±0.25	2.00	CON9,CON10

228	3-JEST-T100-00-10	TUNER connector	1.00	ANT4
229	3-J120-0200-07-12	Connector_20PIN_PH2.0	1.00	CON1
230	3-LC1C-0221-K0-00-N	Inductance_12*10_220uH_10A_±10%	1.00	L9
231	3-M300-H400-00-I0-E	Beep_PKM13EPYH4000-A0	1.00	BUZ1
232	3-J218-5018-52-00-Z	Connector_PLUG_CNE-8215-CL_18PIN_CSC5018-5201F_SMK	1.00	CON27
233	3-U0TB-2938-HQ-OS-T	AMP IC_TB2938HQ_FLEXWATT25-	1.00	IC1012
234	B-D822-2299-R2-U0	CES-8243B-CL_VX405E_TUNER_TEF6606_3-B324-2299-R2-01	1.00	TUNER2

CONNECT BOARD PART LISTS				
NO.	Part Number	Part information	Number	Reference Mark
1	3-B324-2686-R0-03	PCB_Connect_1.2mm_144.3*116.0MM_VR0/OSP	1.00	
2	3-JF20-00R5-04-3J-D	Connector_FPC_20PIN_0.5mm_H2.0_SMT	1.00	CON11
3	3-DHXX-1018-10-0S-7	Diode_ESD_0603_18V_10PF (ICVL1018100Y500FR)	7.00	ESD3 ESD5 ESD6 ESD7 ESD65 ESD66 ESD67
4	3-RS31-010K-J0-0S	Resistance 0603 10K 1/16W ±5%	2.00	R4 R5
5	3-RS63-002R-J0-0S	Resistance 1206 2Ω 1/8W ±5%	1.00	R2
6	3-F301-D1A1-01-00	Fuse 1812 1.1A 33V PPTC	1.00	FU1
7	3-RS31-06K8-F0-0S	Resistance 0603 6K8 1/16W ±1%	2.00	R1 R3
8	3-J110-0200-07-00	Connector_200-10005-0 Pitch=2.0mm 10P	1.00	CON1
9	3-J112-0200-07-50	Connector_12Pin_2.0mm_200-12013-0	1.00	CON13

TUNER BOARD PART LISTS				
NO.	Part Number	Part information	Number	Reference Mark
1	3-B324-2299-R2-01	PCB_TUNER_1.2MM_168.2*108.85mm_16_V02	1.00	
2	3-CC37-0104-4X-0S	Capacitance_0603_0.1uF_25V_X7R_±10%	4.00	C103 C198 C199 C200
3	3-CC35-0101-30-0S	Capacitance_0603_100pF_16V_NPO_±5%	2.00	C1 C4
4	3-CC35-0103-4X-0S	Capacitance_0603_10nF_16V_X7R_±10%	4.00	C201 C204 C206 C207
5	3-CC35-0120-30-0S	Capacitance_0603_12pF_16V_NPO_±5%	1.00	C189
6	3-CC35-0150-30-0S	Capacitance_0603_15pF_16V_NPO_±5%	2.00	C102 C214
7	3-CC35-0102-4X-0S	Capacitance_0603_1nF_16V_X7R_±10%	3.00	C183 C196 C208
8	3-CC37-0105-4X-1S	Capacitance_0603_1uF_25V_X7R_±10%_TAIYOU	3.00	C182 C205 C106
9	3-CC35-0224-4X-0S	Capacitance_0603_0.22uF_16V_X7R_±10%	2.00	C104 C194
10	3-CC35-0220-80-0S	Capacitance_0603_22pF_50V_NPO_±5%	2.00	C212 C213

11	3-CC39-0030-80-0S	Capacitance_0603_3pF_50V_NPO_±0.25P	1.00	C195
12	3-L25X-01L1-K0-0S	Inductor_0805_1.1UH_±10%	1.00	L23
13	3-L260-215N-00-1S	Inductor_Wire-Wind_10B3218H-R21K_215nH_10%_1206_SANWA	1.00	L26
14	3-L230-027N-X0-00	Inductor_SA-170-Z_0603_270nH_±2%_LQW18ANR27G00	1.00	L18
15	3-L25X-01U8-K0-0S	Inductor_0805_1.8uH_≤300mA_±10%	1.00	L25
16	3-L860-290N-00-1S	Inductor_Wire-Wind-Ind_10B3218H-R29K_290NH_10%_1206_SANWA	1.00	L21
17	3-L27X-560U-00-0S	Inductor_SWF3225CF_560uH_80mA_1210	2.00	L16 L17
18	3-RS31-100R-J0-0S	Resistance 0603 100Ω 1/16W ±5%	3.00	R3 R4 R229
19	3-RS31-022R-J0-0S	Resistance 0603 22Ω 1/16W ±5%	1.00	R224
20	3-RS31-470K-J0-0S	Resistance 0603 470K 1/16W ±5%	2.00	R228 R230
21	3-RS31-04K7-J0-0S	Resistance 0603 4K7 1/16W ±5%	1.00	R225
22	3-UTEF-6621-00-0S	Tuner_IC_TEF6606_S032	1.00	U1
23	3-XQ06-004M-02-4S	Crystal_HC-49 SMT 4.000MHz 20PF ±20ppm -20℃+80℃	1.00	Y1

P2 CORE BOARD PART LISTS				
NO.	Part Number	Part information	Number	Reference Mark
1	3-B384-2279-R1-02	PCB_CORE_1.2mm_196.4mm*90.8mm_ROHS	1.00	
2	3-UADV-7181-00-00	IC_ADV7181D_10-Bit 10-Channel Multiformat SDTV/HDTV Video Decoder	1.00	U26
3	3-CC25-0104-4X-0S	Capacitance_SN-6605-Z_0402_0.1uF_X7R_10%_16V_GRM155R71C104KA88D	96.00	C1 C100 C111 C118 C119 C12 C121 C122 C1237 C1242 C125 C128 C13 C17 C19 C193 C196 C198 C2 C209 C21 C210 C211 C213 C217 C218 C219 C220 C221 C222 C223 C228 C229 C230 C231 C232 C233 C234 C235 C236 C237 C238 C24 C245 C248 C249 C250 C251 C252 C253 C254 C255 C256 C257 C258 C262 C263 C264 C265 C266 C267 C268 C269 C271 C273 C274 C276 C278 C280 C286 C288 C290 C297 C3 C301 C303 C305 C308 C310 C311 C320 C322 C324 C325 C326 C327 C337 C44 C69 C70 C91 C92 C93 C95 C97 G_C12
4	3-CC23-0010-30-0S	Capacitance_0402_10PF_50V_NPO_±5%	2.00	C65 C133
5	3-CC23-0103-4X-0S	Capacitance_0402_10nF_50V_X7R_±10%	26.00	C87 C88 C94 C96 C127 C124 C130 C131 G_C3 G_C22 C321 C323 C328 C1238 C1244 C16 C18 C20 C23 C34 C53 C55 C56 C64 C67 C68

6	3-CC29-0150-34-0S	Capacitance_0402_15pF_50V_COG_5%	2.00	C9 C10
7	3-CC22-0105-44-0S	Capacitance_0402_1uF_6.3V_X5R_±10%	33.00	C66 C135 C137 C145 C173 C35 C132 C334 C336 C22 C25 C90 C241 C275 C277 C279 C281 C282 C283 C284 C285 C287 C289 C291 C292 C295 C298 C302 C304 C306 C307 C309 C129
8	3-CC25-0223-4X-0S	Capacitance_0402_22nF_16V_X7R_±10%	3.00	C126 C39 C335
9	3-CC29-0220-3C-6S	Capacitance_SN-6605-Z_0402_22PF_50V_±5%_GRM1555C1H220HZ01D	8.00	C11 C15 G_C21 G_C25 G_C26 C108 C109 C110
10	3-CC32-0106-54-0S	Capacitance_0603_10uF_6.3V_X5R_±20%	4.00	C330 C331 C332 C333
11	3-CC43-0106-4R-0S	Capacitance_0805 10uF 10V X5R ±10%	2.00	C240 C246
12	3-CC23-0102-4X-0S	Capacitance_0402_1nF_50V_X7R_±10%	1.00	C319
13	3-CC32-0225-4X-0S	Capacitance_0603_2.2uF_6.3V_X5R_±10%	6.00	C6 C7 C8 C260 C272 G_C4
14	3-CC22-0224-4X-0S	Capacitance_0402_220nF_16V_X7R_±10%	28.00	C26 C27 C28 C29 C30 C31 C32 C33 C36 C37 C38 C40 C41 C42 C43 C45 C47 C48 C49 C50 C51 C52 C58 C59
15	3-CC52-0226-44-0S	Capacitance_1206_22uF_6.3V_X5R_±10%	1.00	C120
16	3-CC22-0226-00-0S	Capacitance_X5R_22u_6V3_0805_20%	4.00	C224 C225 C226 C244
17	3-CC23-0332-4X-0S	Capacitance_0402_3.3nF_50V_X7R_±10%	1.00	C89
18	3-CC23-0331-4X-0S	Capacitance_0402_330PF_50V_C0G_±5%	1.00	C85
19	3-CC32-0475-44-0S	Capacitance_0603_4.7uF_6.3V_X5R_±10%	8.00	C123 C227 C247 C261 C46 C57 C98 C103
20	3-CC29-0470-34-0S	Capacitance_0402_47pF_50V_COG_±5%	2.00	C1235 C1236
21	3-CC25-0823-4X-0S	Capacitance_0402_82NF_16V_X7R_±10%	1.00	C329
22	3-XQ0X-32K7-68-4S	Crystal_32.768KHz SMD 12.5PF ±20PPM -40℃+85℃	1.00	Y2
23	3-U0MT-41K1-28-00	IC_DDR3_MT41K128M16JT-125_FBGA96_Micron	2.00	U2 U3
24	3-DKA0-4148-00-0S	Diode_1N4148WS 200mA 200mW SOD-323	1.00	D1
25	3-CTA5-0106-54-0S	Capacitance_10uF_16V_±20%	2.00	TC1 TC2
26	3-CTB3-0476-54-0S	Capacitance_47uF_10V_±20%	1.00	TC3
27	3-U002-4C02-AF-9S	AT24C02A_SOP8_ATMEL	1.00	U10
28	3-L220-010N-J0-6S	Inductor_0402_10nH_±5%_LQG15HS10NJ02D	8.00	FB2 FB3 FB5 FB6 FB7 FB8 G_FB1 FB10
29	3-LA69-120R-X0-0S	ferrite bead_BLM31PG121SH_1206_3A_120Ω_±25%	1.00	FB4

30	3-LA24-102R-M0-0S	ferrite bead_0402_1000ohm_200MA_±	2.00	FB11 FB12
31	3-J001-0000-00-20	CNE-8205L-CL_ICSRC6508SFR 6.5*0.8*1.2mm	3.00	CON5 CON6 CON10
32	3-L4S8-0010-N0-00	Inductor_13F4018G-1R0YCAS_1.0uH_30%_大于	3.00	L1 L3 L8
33	3-QLJS-3113-PM-XS	MOSFET_NTLJS3113PT1G_WDFN6 2x2	1.00	Q3
34	3-L220-047N-J0-6S	Inductor_SN-6605-Z_0402_47nH_±5%_LQG15HS47NJ02D	1.00	G_L1
35	3-U0UF-2G8F-2C-XS	FLASH H27U2G8F2CTR_256MB_TSOP48_HYNIX	1.00	U4
36	3-RS21-0000-J0-0S	Resistance 0402 0Ω 1/16W ±5%	19.00	R117 R123 R126 R127 R128 R129 R132 R152 R156 R193 R134 R130 R131 R133 R57 R125 R55 R48 R53
37	3-RS21-100K-F0-0S	Resistance 0402 100K 1/16W ±1%	9.00	R6 R11 R15 R95 R99 R313 R315 R316 R304
38	3-RS21-010K-F0-0S	Resistance 0402 10K 1/16W ±1%	36.00	R40 R46 R9 R10 R26 R27 R64 R83 R109 R87 R97 R100 R101 R106 R110 R113 R114 R115 R116 R120 R121 R122 R145 R147 R167 R171 R175 R177 R187 R302 R307 R308 R314 R34 R82 R108
39	3-RS21-002M-F0-0S	Resistance 0402 2M 1/16W ±1%	1.00	R16
40	3-RS21-075R-F0-0S	Resistance 0402 75R 1/16W ±1%	5.00	R4 R180 R181 R182 R183
41	3-RS21-001K-F0-0S	Resistance 0402 1K 1/16W ±1%	10.00	R17 R18 R19 R20 R150 R157 R159 R169 R72 R73
42	3-RS21-1K69-F0-0S	Resistance 0402 1.69KΩ 1/16W ±1%	1.00	R185
43	3-RS21-100R-J0-0S	Resistance 0402 100Ω 1/16W ±5%	14.00	R30 R31 R58 R77 R78 R79 R80 R81 R89 R98 R96 R143 R144 R102
44	3-RS21-180R-F0-0S	Resistance_0402_180Ω_1/16W_±	2.00	R21 R22
45	3-RS21-001M-F0-0S	Resistance 0402 1M 1/16W ±1%	1.00	R148
46	3-RS21-020K-F0-0S	Resistance 0402 20K 1/16W ±1%	2.00	R153 R158
47	3-RS21-022R-J0-0S	Resistance 0402 22Ω 1/16W ±5%	1.00	R51
48	3-RS21-033R-J0-0S	Resistance 0402 33Ω 1/16W ±5%	8.00	R186 R62 R63 R65 R66 R67 R70 R71
49	3-RS21-240R-00-0S	Resistance 240R 0402 1/16W ±5%	3.00	R5 R23 R24
50	3-RS21-024K-J0-0S	Resistance 0402 24K 1/16W ±5%	1.00	R162
51	3-RS21-0202-F0-00	Resistance 0402 2K 1/16W ±1%	2.00	R88 R103
52	3-RS21-033K-F0-0S	Resistance 0402 33K 1/16W ±1%	1.00	R151
53	3-RS21-04K7-J0-0S	Resistance 0402 4.7K 1/16W ±5%	7.00	R7 R8 R13 R14 R107 R184 R192
54	3-RS21-44R2-F0-0S-1	Resistance 0402 44R2 1/16W ±1%	2.00	R2 R3
55	3-RS21-560R-F0-0S	Resistance 0402 560Ω 1/16W ±1%	1.00	R112
56	3-RS21-047K-F0-0S	Resistance 0402 47K 1/16W ±1%	1.00	R155
57	3-RS21-0821-F0-00	Resistance 0402 820R ±1% 1/16W	2.00	R68 R69
58	3-RN21-033R-J0-0S	Resistance 0402 33R*4 1/16W ±5%	9.00	RA1 RA2 RA5 RA6 RA7 RA8 RA9 RA10 RA11

59	3-URT9-1933-3P-00	LDO_RT9193-33GB_300mA/3.3V_SOT23-5_Richtek	2.00	U14 U28
60	3-URT9-1931-8P-00	LDO_RT9193-18GB_300mA/1.8V_SOT23-5_Richtek	1.00	U11
61	3-U0XC-6228-D3-X0	LDO_XC6228D302VR-G_300mA/3.0V_SOT23-5_TOREX	1.00	G_U1
62	3-USRS-3682-B0-XS	CPU_SiRF-PrimaII_CSRS3682B01-IBBK-R_BGA425	1.00	U1
63	3-UTPS-6208-00-X0	IC_TPS62080DSGR_SON8_1.2A	2.00	U29 U30
64	3-U0CN-2802-MP-DS	VOLTAGE-DETECTORS_VOLTAGE-DETECTORS_XC61CN2802MR_S	1.00	U5
65	3-XQ01-026M-00-20	Crystal_26MHz_+/-10PPM_12PF_SMD 3225	1.00	Y1
66	3-XQ01-028M-63-0S	Crystal_SMD3225 _28.63636MHZ_30ppm_18pF	1.00	Y4
67	3-DX05-AT3G-00-0S	Diode_SMAJ6.0(C)A _SMA_40W	1.00	ZD1
68	3-CC37-0104-4X-0S	Capacitance_0603_0.1uF_25V_X7R_±10%	3.00	C215 C216 C243
69	3-RS31-0000-J0-0S	Resistance 0603 0Ω 1/16W ±5%	1.00	R74
70	3-RS21-150R-J0-0S	Resistance 0402 150Ω 1/16W ±5%	2.00	R105 R135

KEY BOARD PART LISTS

NO.	Part Number	Part information	Number	Reference Mark
1	3-B324-2658-R1-03	PCB_KEY_1.2mm_164.89mm*101.40mm_VR1_OSP_RoSH	1.00	
2	3-CC37-0104-4X-0S	Capacitance_0603_0.1uF_25V_X7R_±10%	2.00	C4 C1
3	3-CC35-0102-30-0S	Capacitance_0603_1n_50V_NPO_±5%	1.00	C10
4	3-CC25-0104-4X-0S-2	Capacitance_CHIP-CAP_SN-6605-Z_0402_0.1uF_X7R_10%_16V	1.00	C3
5	3-CC32-0106-54-0S	Capacitance_0603_10uF_6.3V_X5R_±20%	1.00	C2
6	3-JF20-00R5-09-2R-P	Connector_FPC_20PIN_0.5MM_Molex_SMT_H1.0mm	1.00	CON3
7	3-DHXX-1018-10-0S-7	Diode_ESD_0603_18V_10PF_(ICVL1018100Y500FR)	1.00	ESD1
8	3-KTRK-AEE0-10-SS-F	SKRKAEE010_2.9*4.8*2_1.57±0.49N_ALPS	8.00	SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8
9	3-L8SX-0100-K0-0S	Inductor_CF322522_10uH_150mA_±5%	1.00	L1
10	3-DED0-1106-24-0S	0603_LED_620-625nm_2.0-2.2v_115-150mcd	1.00	D3
11	3-RS21-100K-F0-0S	Resistance 0402 100K 1/16W ±1%	1.00	R1
12	3-RS21-100R-J0-0S	Resistance 0402 100Ω 1/16W ±5%	26.00	R2 R7 R8 R9 R11 R12 R13 R16 R17 R27 R28 R30 R31 R32 R33 R34 R36 R39 R40 R88 R35 R37 R6 R24 R25 R29
13	3-RS21-0121-F0-00	Resistance 0402 120R 1/16W ±1%	1.00	R26
14	3-RS21-150R-J0-0S	Resistance 0402 150Ω 1/16W ±5%	1.00	R3

15	3-RS21-001K-F0-0S	Resistance 0402 1K 1/16W ±1%	3.00	R21 R14 R41
16	3-RS21-01K2-F0-0S	Resistance 0402 1.2K 1/16W ±1%	1.00	R19
17	3-RS21-01K5-F0-0S	Resistance 0402 1.5K 1/16W ±1%	1.00	R20
18	3-RS31-01K8-F0-0S	Resistance 0603 1K8 1/16W ±1%	2.00	R4 R18
19	3-RS31-003K-F0-0S	Resistance 0603 3K 1/16W ±1%	1.00	R22
20	3-RS21-05K1-J0-0S	Resistance 0402 5.1K 1/16W ±5%	1.00	R5
21	3-DEX6-1303-3A-0S	Diode_RGB_3528-RGB_120mA R48mW/G72mW/B72mW	9.00	LED1 LED2 LED3 LED4 LED5 LED6 LED7 LED8 LED9
22	3-DZA3-03V9-00-0S	Diode 3.9V 1mA SOD-323	1.00	ZD1
23	3-M103-4015-0R-I0	MIC_OF4015P-C_φ =4.0mm_H=1.5mm	1.00	MIC1
24	3-U0HM-338N-00-XD	IC_remote_HM338N-W_5*5_GOOD_TAKE	1.00	U1

SERVO BOARD PART LISTS

NO.	Part Number	Part information	Number	Reference Mark
1	3-B324-2611-R0-03	PCB_Sunplus8202_1.2mm_169.2*121.6mm_ROHS_VR0_OSP	1.00	PCB
2	3-CC35-0103-4X-0S	Capacitance_0603_10nF_50V_X7R_±10%	25.00	BC19 BC29 BC30 BC31 BC33 BC34 BC35 BC37 BC38 BC39 BC40 BC41 BC46 BC47 BC48 BC49 BC5 BC50 BC51 BC52 BC56 BC65 BC66 BC67 BC68
3	3-CC35-0471-30-0S	Capacitance_0603_470pF_16V_NPO_±5%	2.00	BC3 BC59
4	3-CC35-0101-30-0S	Capacitance_0603_100pF_50V_NPO_±5%	11.00	C1 C2 C3 BC4 C5 BC27 BC54 C320 C323 C326 C329
5	3-CC37-0104-4X-0S	Capacitance_0603_0.1uF_25V_X7R_±10%	17.00	BC11 BC12 BC15 BC16 BC17 BC2 BC20 BC22 BC24 BC25 BC45 C10 BC6 BC60 BC64 BC70 BC74
6	3-CC35-0102-4X-0S	Capacitance_0603_1nF_50V_X7R_±10%	3.00	BC10 BC32 BC7
7	3-CC32-0475-44-0S	Capacitance_0603_4.7uF_6.3V_X5R_±10%	2.00	BC13 BC73
8	3-CC35-0105-4X-1S	Capacitance_0603_1uF_16V_X7R_±10%	7.00	BC101 BC21 BC26 BC71 BC72 C4 BC76
9	3-CC35-0681-30-0S	Capacitance_0603_680pF_50V_NPO_±5%	1.00	BC62
10	3-CC43-0106-4R-0S	Capacitance 0805 10uF 10V X5R ± 10%	2.00	C59 BC75
11	3-RS31-560R-J0-0S	Resistance 0603 560Ω 1/16W ±5%	2.00	R53 R55
12	3-CC35-0100-30-0S	Capacitance_0603_10pF_50V_NPO_±5%	4.00	C6 C7 C8 C9
13	3-CC35-0330-30-0S	Capacitance_0603_33pF_50V_NPO_±5%	2.00	C23 C24
14	3-CC35-0050-80-0S	Capacitance_0603_5pF_50V_NPO_±O.25	1.00	C25
15	3-JF40-00R5-02-30-H	Connector_FPC_40PIN_0.5mm_HF601-40-02	1.00	CON7
16	3-KDES-E11M-H1-SS	Switch_ESE11MH1_7.6*6.4*5.4_≤ 36gf	1.00	DISC_SW

17	3-LA5X-121R-W0-0S	ferrite bead_0805_120R_≤2000mA_±25%	5.00	FB2 FB4 FB14 FB15 FB7
18	3-LA6X-101R-00-1S	ferrite bead_1206_100R_≤500mA_±25%	1.00	FB3
19	3-L25X-0390-M0-0S	Inductor_0805_39uH_≤5mA_±20%	1.00	FB10
20	3-JF24-00R5-03-30-D	Connector_FFC_24PIN_0.5mm	1.00	J1
21	3-L23X-0100-K0-0S	Inductor_0603_10uH_≤3mA_±10%	2.00	L1 L20
22	3-L25X-01L1-K0-0S	Inductor_0805_1.1UH_±10%	4.00	L7 L10 L11 L39
23	3-RS31-04K7-J0-0S	Resistance 0603 4K7 1/16W ±5%	5.00	R1 R35 R51 R77 R78
24	3-RS31-020K-F0-0S	Resistance 0603 20K 1/16W ±1%	3.00	R3 R19 R23
25	3-RS31-033R-J0-0S	Resistance 0603 33Ω 1/16W ±5%	8.00	R5 R70 R71 R74 R101 R102 R103 R104
26	3-RS31-075R-J0-0S	Resistance 0603 75Ω 1/16W ±5%	5.00	R29 R46 R493 R8 R9
27	3-RS31-001R-F0-0S	Resistance 0603 1Ω 1/16W ±1%	1.00	R10
28	3-RS31-010K-J0-0S	Resistance 0603 10K 1/16W ±5%	6.00	R15 R21 R27 R28 R64 R65
29	3-RS31-010K-F0-0S	Resistance 0603 10K 1/16W ±1%	8.00	R20 R22 R36 R37 R38 R50 R52 R54
30	3-RS31-0000-J0-0S	Resistance 0603 0Ω 1/16W ±5%	20.00	R11 R12 R13 R2 R24 R26 R40 R43 R48 R56 R57 R58 R6 R60 R62 R63 R67 R72 R32 R75
31	3-RS31-02K2-F0-0S	Resistance 0603 2K2 1/16W ±1%	2.00	R25 R120
32	3-RS31-001K-F0-0S	Resistance 0603 1K 1/16W ±1%	2.00	R31 R44
33	3-RS31-027R-F0-0S	Resistance 0603 27Ω 1/16W ±1%	1.00	R34
34	3-RS53-04R7-F0-0S	Resistance 0805 4.7Ω 1/8W ±1%	2.00	R39 R42
35	3-RS31-100K-J0-0S	Resistance 0603 100K 1/16W ±5%	1.00	R45
36	3-RS63-002R-J0-0S	Resistance 1206 2Ω 1/8W ±5%	1.00	R49
37	3-RS31-056R-J0-0S	Resistance 0603 56Ω 1/16W ±5%	1.00	R59
38	3-RS31-100R-J0-0S	Resistance 0603 100Ω 1/16W ±5%	2.00	R85 R93
39	3-RS31-091K-J0-0S	Resistance 0603 91K 1/16W ±5%	1.00	R121
40	3-CTC3-0107-54-1S	Capacitance_100uF_10V_±20%	1.00	TC1
41	3-CTA2-0476-54-0S	Capacitance_47uF_6.3V_±20%	2.00	TC3 TC4
42	3-CTB2-0107-54-0S	Capacitance_100uF_6.3V_±20%	5.00	TC5 TC6 TC8 TC16 TC17
43	3-CES2-0227-52-0S	Capacitance_6.3X5.3_220uF_6.3V_105℃_±20%	2.00	TC12 TC13
44	3-CES5-0476-52-0S	Capacitance_5X5.3_47uF_16V_105℃_±20%	2.00	TC19 TC20
45	3-U0AM-5766-00-00	IC_AM5766_HSOP28_AMTEK	1.00	U1
46	3-U25L-3206-E0-0S	SPIFLASH 32MBit SOP-8_4M_3V3	1.00	U4
47	3-UPHE-8202-GQ-0S	IC_SPHE8202GQ_LQFP128_SUNPLUS	1.00	U7
48	3-U0FM-24CL-16-0S	IC_FM24CL16B_SOP8_RAMTRON	1.00	U202
49	3-UM12-L128-16-8A	SDRAM_8×16M_M12L128168A(2T)_ESMT_TS0P-54	1.00	U301
50	3-XQ05-027M-00-3S	Crystal_27M_HC-49_SMT_20PF_±10ppm_-40℃+85℃	1.00	Y1
51	3-L4S0-0100-CD-32	Inductor_CD32_10uH_≤1.43A_±	1.00	L8
52	3-Q0BT-2907-0P-6S	Transistor LMBT2907ALT1G SOT-23 PNP SMT	2.00	Q1 Q2
53	3-LA30-121R-00-1S	ferrite bead__0603_120Ω_CBG160808U121T	1.00	FB1

54	3-RS31-220K-J0-0S	Resistance 0603 220K 1/16W ±5%	1.00	R61
55	3-CC32-0106-54-0S	Capacitance_0603_10uF_6.3V_X5R_±20%	2.00	BC14 BC18
56	3-CC25-0104-4X-0S	Capacitance_SN-6605-Z_0402_0.1uF_X7R_10%_16V_GRM155R71C104KA88D	2.00	C12 C13
57	3-CC22-0105-44-0S	Capacitance_0402_1uF_6.3V_X5R_±10%	1.00	C11
58	3-CC29-0220-3C-6S	Capacitance_0402_22PF_50V_±5%_COG_GRM1555C1H220HZ01D_MVRATA	2.00	C28 C31
59	3-DKA0-4148-00-0S	Diode 1N4148WS 200mA 200mW SOD-323	1.00	D6
60	3-RS21-0000-J0-0S	Resistance 0402 0Ω 1/16W ±5%	1.00	R81
61	3-RS21-100K-F0-0S	Resistance 0402 100K 1/16W ±1%	1.00	R76
62	3-RS21-010K-F0-0S	Resistance 0402 10K 1/16W ±1%	1.00	R82
63	3-RS21-001K-F0-0S	Resistance 0402 1K 1/16W ±1%	8.00	R33 R86 R87 R88 R90 R91 R92 R94
64	3-RS21-001M-F0-0S	Resistance0402 1M 1/16W ±1%	1.00	R79
65	3-RS21-075R-F0-0S	Resistance 0402 75R 1/16W ±1%	1.00	R80
66	3-USTM-8S00-3F-0S-2	MCU_STM8S003F3_ST_TSSOP20_ROHS	1.00	IC2
67	3-XQ05-008M-01-2S	Crystal 8MHz 49SMT 20PF ±10ppm -40℃~85℃	1.00	Y2
68	3-RS31-047K-J0-0S	Resistance 0603 47K 1/16W ±5%	1.00	R41
69	3-RS21-033R-J0-0S	Resistance 0402 33Ω 1/16W ±5%	1.00	R95
70	3-DF00-IR90-80-0S	Diode_red_SLC-3400_IR908-	2.00	LD2 LD3

TFT BOARD PART LISTS

NO.	Part Number	Part information	Number	Reference Mark
1	3-B324-2792-R0-03	CNE-8288F-CL_TFT_Board_FR-4_1.2MM_169*166mm_OSP_ROHS_VR00	1.00	
2	3-CC37-0104-4X-0S-2	Capacitance_0603_0.1uF_25V_X7R_±10%	11.00	C5 C33 C70 C75 C1787 C27 C28 C30 C113 C31 C46
3	3-CC39-0104-4X-0S-2	Capacitance_0603_0.1UF_50V_X7R_±10%	1.00	C1075
4	3-CC35-0101-30-0S-2	Capacitance_0603_100pF_50V_NPO_±5%	3.00	C1054 C1055 C1065
5	3-CC35-0103-4X-0S-2	Capacitance_0603_10nF_50V_X7R_±10%	13.00	C1053 C1063 C1069 C14 C16 C18 C19 C20 C21 C29 C3 C7 C76
6	3-CC42-0106-44-0S-2	Capacitance_0805_10uF_6.3V_X5R_±10%	3.00	C9 C10 C94
7	3-CC67-0106-4R-0S-1	1210_10uF_25V_±10%_X7R_GRM32DR71E106K	2.00	C1064 C1076
8	3-CC37-0105-4X-1S-2	Capacitance_0603_1uF_25V_X7R_±10%	14.00	C25 C1050 C1056 C1057 C1058 C1067 C1786 C1788 1789 C2 C6 C39 C40 C41
9	3-CC59-0105-4X-0S-2	Capacitance_1206_1uF_50V_X7R_±10%	4.00	C1061 C1066 C1071 C1072
10	3-CC45-02U2-4X-0S-2	Capacitance_0805_2.2UF_16V_X7R_±10%	2.00	C1062 C1068

11	3-CC57-0225-4X-0S-2	Capacitance_1206_2.2uF_25V_X7R_±10%	2.00	C26 C1051
12	3-CC35-0220-80-0S-2	Capacitance_0603_22pF_50V_NPO_±1%	1.00	C4
13	3-CC32-0475-44-0S-1	Capacitance_0603_4.7uF_6.3V_X5R_±10%	1.00	C1
14	3-JF30-00R5-02-30-H	Connector_FPC_30PIN_0.5mm_SMT__	2.00	CON7 CON9
15	3-JF04-0010-04-30-C	Connector_FFC_4PIN_1.0mm_SMT	1.00	CON2
16	3-CES2-0227-52-0S-9	Capacitance_6.3X5.3_220uF_6.3V_105℃_±20%	3.00	TC1002 TC1003 TC1061
17	3-DHXX-1018-10-0S-7	ESD_0603_18V_10PF_(ICVL1018100Y500FR)	2.00	ESD13 ESD61
18	3-L4S0-0101-CD-54	Inductance_CD54_100uH_≤690mA_±10%_SD54-101KC	1.00	L10
19	3-L8S0-0100-NX-00	Inductance_4.9*4.9*3.0_10uH_±20%_1A_SDRH4D28-100MC-01	1.00	L1065
20	3-L4X8-022U-M0-0S-M	Inductance_SPL050502_22uH_2A_±20%_sanwa	2.00	L1007 L1008
21	3-LA5X-026R-00-1S	Ferrite bead_0805_26R_≤900mA_±25%	1.00	L7
22	3-JF08-0100-04-S0	Connector_FFC_8PIN_1.0mm_SMT	1.00	CON1
23	3-RS64-00R1-F0-0S-1	Resistance_1206_0.1Ω_1/4W_±1%	1.00	R1053
24	3-RS31-100R-J0-0S-1	Resistance_0603_100Ω_1/16W_±5%	8.00	R1 R129 R258 R261 R264 R14 R113 R13
25	3-RS31-010K-J0-0S-1	Resistance_0603_10K_1/16W_±5%	1.00	R17
26	3-RS31-001K-J0-0S-1	Resistance_0603_1K_1/16W_±5%	2.00	R1041 R1072
27	3-RS31-030K-F0-0S-1	Resistance_0603_30K_1/16W_±1%	1.00	R1063
28	3-RS31-03K9-F0-0S-1	Resistance_0603_3K9_1/16W_±1%	1.00	R560
29	3-RS31-04K7-F0-0S-1	Resistance_0603_4K7_1/16W_±1%	3.00	R16 R19 R21
30	3-DT10-SES0-T0-00-E	TVS_(SESOT05C)__SOT-23_6-7V_220PF	2.00	ZD1 ZD10
31	3-JF60-00R5-02-30-H	Connector_FPC_60PIN_0.5mm_SMT_	1.00	CON6
32	3-U0TL-431A-00-0S-7	IC_LR431ATLT1G_SOT-23_LRC	2.00	ZD1004 ZD1005
33	3-RS31-020K-F0-0S-1	Resistance_0603_20K_1/16W_±1%	2.00	R1070 R8
34	3-RS31-100K-F0-0S-1	Resistance_0603_100K_1/16W_±	2.00	R1069 R561
35	3-RS31-150K-F0-0S-1	Resistance_0603_150K_1/16W_±	1.00	R81
36	3-RS53-04R7-F0-0S-1	Resistance_0805_4R7_1/8W_±1%	4.00	R4 R5 R6 R7
37	3-Q2SC-4375-0N-6S-E	Transistor_KTC4375_SOT-89_NPN	2.00	Q1002 Q1003
38	3-RS31-022R-J0-0S-1	Resistance_0603_22Ω_1/16W_±5%	27.00	R2 R3 R10 R25 R26 R27 R28 R29 R30 R31 R32 R33 R34 R46 R47 R48 R143 R144 R145 R146 R148 R150 R152 R153 R154 R155 R12
39	3-RS31-560K-F0-0S-1	Resistance_0603_560K_1/16W_±	1.00	R1060
40	3-Q2SC-3265-0N-6S-7	Transistor_L8050QLT1G_SOT-23_NPN	3.00	Q29 Q44 Q45
41	3-URT9-293B-GJ-06-R	IC__RT9293BGJ6_TSOT-23-6_1MHz_	2.00	IC1004 IC1005
42	3-RS31-470R-F0-0S-1	Resistance_0603_470Ω_1/16W_±	2.00	R1062 R1066
43	3-RS31-010R-J0-0S-1	Resistance_0603_10Ω_1/16W_±5%	3.00	R1048 R1049 R1065

44	3-DSX0-SK34-00-0S-J	Diode_SK34_3A_SMA-L	2.00	D1004 D1110
45	3-CC35-0105-4X-1S-2	Capacitance_0603_1uF_16V_X7R_±10%	6.00	C8 C54 C84 C93 C1070 C485
46	3-RS31-015K-F0-0S-1	Resistance_0603_15K_1/16W_±1%	1.00	R1061
47	3-LA5X-601R-G0-0S-C	Ferrite bead_0805_600R_≤300mA_±25%	7.00	L2 L4 L6 L29 FB1000 FB1001 FB1003
48	3-RS31-010K-F0-0S-1	Resistance_0603_10K_1/16W_±1%	3.00	R1064 R1071 R1073
49	3-RS31-220K-F0-0S-1	Resistance_0603_220KΩ_1/16W_±1%	1.00	R80
50	3-RS31-0000-J0-0S-1	Resistance_0603_0Ω_1/16W_±5%	3.00	R9 R22 R1059
51	3-DD10-BAV9-00-0S-7	Diode_BAV99LT1_2.5uA_225mW_SOT-23	2.00	ZD1001 ZD1006
52	3-RS63-002R-J0-0S-1	Resistance_1206_2Ω_1/8W_±5%	1.00	R1051
53	3-Q0KR-C402-0N-6S-7	Transistor_LMUN5211T1G_USM_NPN	1.00	Q27
54	3-DKA0-4148-00-0S-7	Diode_LMDL914T1G_200mA_200mW_SOD-323	2.00	D1 D2
55	3-QIRL-6402-PM-6S-7	FET_LP3443LT1G__SOT23_P	1.00	Q30
56	3-U90C-F386-00-BS-N	IC_LVDS_DS90CF386_TSSOP56	1.00	IC10
57	3-URT9-1933-3P-00-R	IC_RT9193-33PB_SOT-25_LDO_300mA_	2.00	U1 U10
58	3-DZA3-07V5-00-0S-7	Diode_7.5V_1mA_SOD-323	1.00	ZD1003
59	3-CC43-0106-4R-0S-1	Capacitance_0805_10uF_10V_X5R__±10%	1.00	C1059
60	3-JF20-00R5-04-2J-E	COnnector_FPC_20PIN__0.5mm_SMT	1.00	CON3
61	3-Q2SB-1132-0P-6S-6	Transistor_2SB1132_SOT-89_PNP	1.00	Q1004

BASE BOARD PART LISTS				
NO.	Part Number	Part information	Number	Reference Mark
1	3-B323-2167-R0-00	PCB_BASE_1.0mm_173.0*121.8mm_V00_12PCS	1.00	
2	3-J104-0125-07-30	Connector 4PIN 1.25mm SMT	1.00	CON7
3	3-DED0-1106-24-0S	RedLED_0603_620-625nm_2.0-2.2v_115-150mcd	2.00	D5016 D5017
4	3-RS31-001K-J0-0S	Resistance 0603 1K 1/16W ±5%	2.00	R5047 R5066
5	3-RS31-020K-J0-0S	Resistance 0603 20K 1/16W ±5%	1.00	R5065
6	3-KT10-5252-1W-SS	Switch 10-5252-001 5.2*5.2*1.5 180gf±50gf	1.00	SW5001
7	3-QMBT-3904-0N-6S	Transistors LMBT3904LT1G SOT-23 NPN	1.00	Q1

MOTOR BOARD PART LISTS				
NO.	Part Number	Part information	Number	Reference Mark
1	3-B314-1156-R1-00	PCB_MOTOR_1.2mm_155.5*148.5mm_12PCS	1.00	
2	3-VR23-5030-15-0S	IC_ RDC503015 10K 30%	1.00	Y1
3	3-J107-0125-07-2M	Connector_7PIN_1.25mm_SMT	1.00	CON2
4	3-J107-0125-07-30	Connector_7PIN_1.25mm_SMT	1.00	CON1

TF BOARD PART LISTS				
NO.	Part Number	Part information	Number	Reference Mark
1	3-JK00-00TF-00-00	Connector_TF_JAE_ST11S008V4H	1.00	A1
2	3-JF12-00R5-04-3J-D	Connector_FPC_12PIN_0.5mm _H2.0_SMT	1.00	CON5
3	3-CC37-0104-4X-0S	Capacitance_0603_0.1uF_25V_X7R _±10%	1.00	C8
4	3-RS31-010K-J0-0S	Resistance 0603 10K 1/16W ±5%	1.00	R34
5	3-B324-2784-R1-03	PCB_TF__1.2MM_114*87.6mm_VR 1_6PCS/OSP	1.00	PCB
6	3-QMBT-3904-0N-6S	Transistors LMBT3904LT1G SOT-23 NPN	1.00	Q2
7	3-RS31-0000-J0-0S	Resistance 0603 0Ω 1/16W ±5%	1.00	FB2