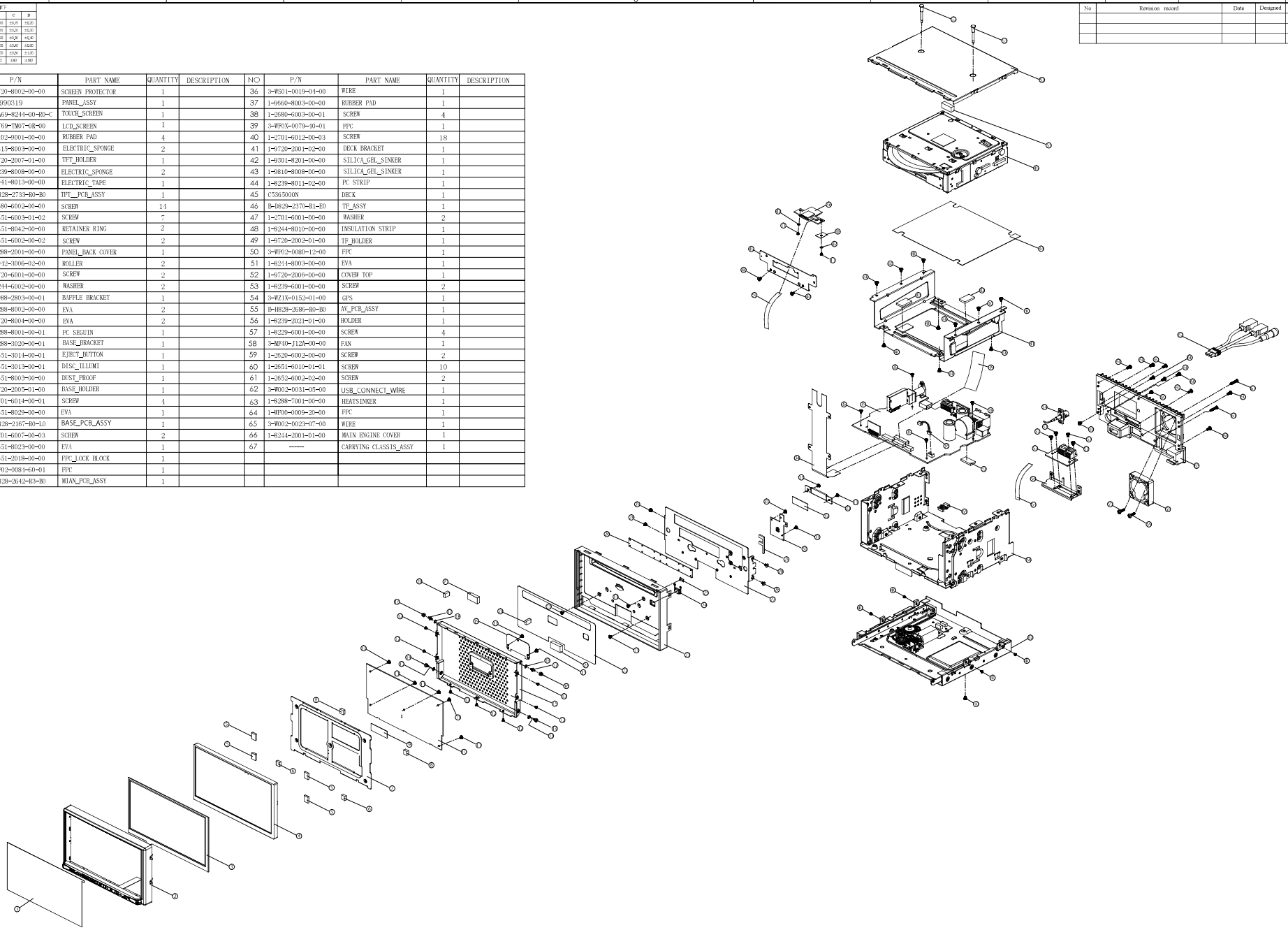
EXPLODED VIEW / PARTS LIST 1/2

TOLERANCE				
SIZE	A	B	C	D
0~3	±0.07	±0.10	±0.15	±0.20
3~20	±0.10	±0.15	±0.20	±0.30
20~80	±0.15	±0.20	±0.30	±0.40
80~300	±0.20	±0.30	±0.40	±0.60
>300	±0.30	±0.50	±0.60	±1.00
ANGLE	±2°	±4°	±6°	±10°

No	Revision record	Date	Designed	Approved

NO	P/N	PART NAME	QUANTITY	DESCRIPTION
1	1-9720-6002-00-00	SCREEN PROTECTOR	1	
2	B99990319	PANEL_ASSY	1	
3	3-PA69-8244-00-R0-C	TOUCH_SCREEN	1	
4	3-PT69-TM07-0R-00	LCD_SCREEN	1	
5	1-6102-0001-00-00	RUBBER PAD	4	
6	1-8415-8003-00-00	ELECTRIC_SPONGE	2	
7	1-9720-2007-01-00	TFT_HOLDER	1	
8	1-8239-8008-00-00	ELECTRIC_SPONGE	2	
9	1-2941-8013-00-00	ELECTRIC_TAPE	1	
10	B-5828-2733-R0-B0	TFT__PCB_ASSY	1	
11	1-2680-6002-00-00	SCREW	14	
12	1-2651-6003-01-02	SCREW	7	
13	1-2651-8042-00-00	RETAINER RING	2	
14	1-2651-6002-00-02	SCREW	2	
15	1-8288-2001-00-00	PANEL_BACK COVER	1	
16	1-2942-3006-02-00	ROLLER	2	
17	1-9720-6001-00-00	SCREW	2	
18	1-8244-6002-00-00	WASHER	2	
19	1-9988-2803-00-01	BAFFLE BRACKET	1	
20	1-8288-8002-00-00	EVA	2	
21	1-9720-8004-00-00	EVA	2	
22	1-8288-8001-00-01	PC SEGUIN	1	
23	1-8288-3020-00-01	BASE_BRACKET	1	
24	1-2651-3014-00-01	EJECT_BUTTON	1	
25	1-2651-3013-00-01	DISC_ILLUMI	1	
26	1-2651-8003-00-00	DUST_PROOF	1	
27	1-9720-2005-01-00	BASE_HOLDER	1	
28	1-2701-6014-00-01	SCREW	4	
29	1-2651-8029-00-00	EVA	1	
30	B-1828-2167-R0-L0	BASE_PCB_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-WP02-0084-60-01	FPC	1	
35	B-1828-2642-R3-B0	MIAN_PCB_ASSY	1	
36	3-W301-0019-04-00	WIRE	1	
37	1-9660-8003-00-00	RUBBER PAD	1	
38	1-2680-6003-00-01	SCREW	4	
39	3-WP03-0079-10-01	FPC	1	
40	1-2701-6012-00-03	SCREW	18	
41	1-9720-2001-02-00	DECK BRACKET	1	
42	1-9301-8201-00-00	SILICA_GEL_SINKER	1	
43	1-9810-8008-00-00	SILICA_GEL_SINKER	1	
44	1-8239-8011-02-00	PC STRIP	1	
45	C5365000N	DECK	1	
46	B-1829-2370-R1-E0	TF_ASSY	1	
47	1-2701-6001-00-00	WASHER	2	
48	1-8244-8010-00-00	INSULATION STRIP	1	
49	1-9720-2002-01-00	TF_HOLDER	1	
50	3-WP02-0080-12-00	FPC	1	
51	1-8244-8003-00-00	EVA	1	
52	1-9720-2006-00-00	COVEW TOP	1	
53	1-8239-6001-00-00	SCREW	2	
54	3-WZ1X-0152-01-00	GPS	1	
55	B-1828-2686-R0-B0	AV_PCB_ASSY	1	
56	1-8239-2021-01-00	HOLDER	1	
57	1-8229-6001-00-00	SCREW	4	
58	3-MF40-J12A-00-00	FAN	1	
59	1-2620-6002-00-00	SCREW	2	
60	1-2651-6010-01-01	SCREW	10	
61	1-2652-6002-02-00	SCREW	2	
62	3-W002-0031-05-00	USB_CONNECT_WIRE	1	
63	1-8288-7001-00-00	HEATSINKER	1	
64	1-WT00-0009-20-00	FPC	1	
65	3-W002-0029-07-00	WIRE	1	
66	1-8244-2001-01-00	MAIN ENGINE COVER	1	
67	-------	CARRYING CLASSIS_ASSY	1	



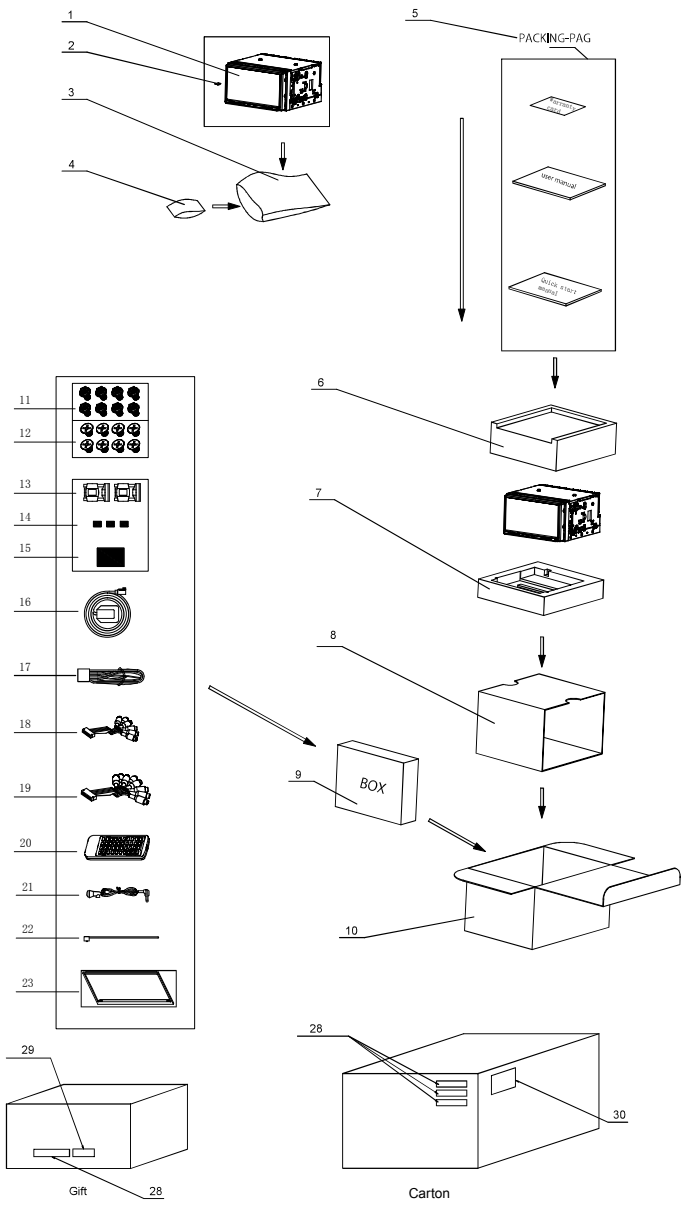
EXPLODED VIEW / PARTS LIST 2/2

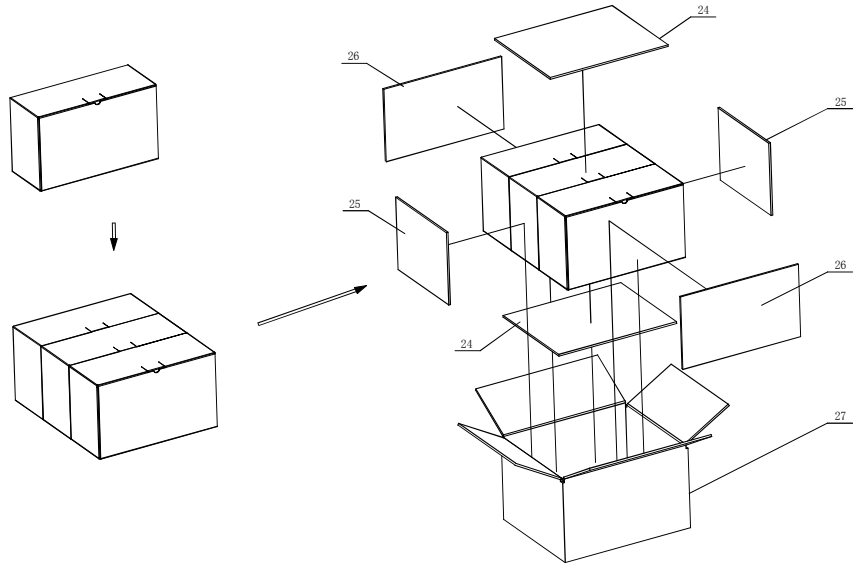
TOLERANCE				
SIZE	A	B	C	D
0~5	±0.07	±0.15	±0.25	±0.35
± 5~30	±0.15	±0.25	±0.35	±0.45
± 30~80	±0.25	±0.35	±0.45	±0.55
± 80~120	±0.35	±0.45	±0.55	±0.65
± 120	±0.45	±0.55	±0.65	±0.75
ANGLE	±1°	±4°	±6°	±8°

No	Revision record	Date	Designed	Approved

NO	PART NO	PART NAME	QUANTITY	DESCRIPTION
43	3A0017140A0A0_0	WIRE	1	
42	3A0531400A0A00	MOTOR LEAD CLAMP	1	
41	3AP0531471A0A0	MOTOR	1	
40	3A0531400A0A03	Ass'DRIVE	1	
39	3A0531471A0A0	LATCH ASSEMBLY	1	
38	3A0531400A0A00	MOTOR PULLEY	1	
37	3A0531400A0A00	GEAR	1	
36	3A0531471A0A0	MOTOR	1	
35	3A0531400A0A01	SCREW	4	
34	3AP0531471A0A0	MOTOR BOX ASSY	1	
33	3AP0531471A0A0	MOTOR	1	
32	3A0531400A0A00	MOTOR BACK HOLDER	1	
31	3A0531401A0A01	SCREW	4	
30	3A0531400A0A00	PULLEY	1	
29	3A0531400A0A00	GEAR	1	
28	3A0531400A0A00	GEAR	1	
27	3A0531400A0A00	TURNING	1	
26	3A0531401A0A00	PLUG	4	
25	3A0531401A0A00	Ass'GEAR	1	
24	3A0531401A0A01	FRICTION RING	1	
23	3A0531400A0A00	SPRING	1	
22	3A0531401A0A00	FRICTION RING	1	
21	3A0531400A0A00	FOR_FRICTIONGEAR	1	
20	3A0531400A0A00	FRICTION FELT	1	
19	3A0531400A0A00	FOR_FRICTIONGEAR	1	
18	3A0531400A0A00	FRICTION AXLE	1	
17	3A0531401A0A00	TOP	1	
16	3A0531400A0A00	SCREW	4	
15	3A0531400A0A00	CHASSIS	1	
14	3A0531400A0A01	SCREW	1	
13	3AP0531471A0A0	ASSY	1	
12	3A0531400A0A00	SWITCH MOUNTING	1	
11	3A0531400A0A00	MOTOR HOLDER	1	
10	3A0531400A0A00	CRUSH PAD	2	
9	3A0531400A0A00	MOTOR HOLDER SPRING	1	
8	3A0531400A0A00	PAPER	1	
7	3AP0531471A0A0	Ass'PRINT ASSY	1	
6	3A0531400A0A00	THERMAL	1	
5	3A0531400A0A00	PCBA	2	
4	3A0531401A0A00	SILICONE BLOCK	1	
3	3A0531400A0A00	HOUSING	1	
2	3A0531401A0A00	SILICONE BLOCK	1	
1	3A0531400F0A00	SCREW	6	

COMPONENT VIEW / PARTS LIST





NO.	NAME	P/N	DESCRIPTION	QUANTITY	PACKING-PAG P/N	
1	UNIT	CNE-8288-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	7-9820-8508-00-00	Warranty card	1PCS	7-2652-8007-01-01	
		7-8288-9001-00-01	User manual	1PCS		
		7-8288-2001-00-01	Quick start manual	1PCS		
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	7-2651-8002-00-50		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-WZ02-0279-18-00		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		
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	7-2228-8002-01-20		0.33PCS		
28	LABEL	7-2820-8009-00-00		3PCS		
29	One-red	7-0000-1003-00-01		1PCS		
30	UPC LABEL	7-8288-1002-00-01		2/3PCS		

ELECTRICAL PART LISTS

MAIN BOARD PART LISTS				
NO.	Part Number	Part information	Number	Reference Mark
1	3-B345-2642-R3-01	PCB_main board_FR-4_1.6mm_182.6*141.7mm_VR3	1.00	
2	B-S829-2279-R1-E0	CNE-8244C-CL_PrimaII_core board_SMT_3-B384-2279-R1-02	1.00	U16
3	3-XQ05-008M-01-2S	Crystal_8MHz_SMT_20PF ±10ppm_-40℃~85℃	1.00	Y6
4	3-XQ01-028M-63-0S	Crystal_SMD3225 _28.63636MHZ_30ppm_18pF	1.00	U13
5	3-XQ01-026M-00-20	Crystal_26MHz_+/-10PPM_12PF_SMD3225	1.00	U4
6	3-UTPS-5454-00-0S	IC_TPS54540_DC-	1.00	IC1002
7	3-UTPS-4333-Q1-00	IC_TPS43331_Q1_DUAL SWITCHER AND LINEAR REGULATORS	1.00	IC1000
8	3-UTPS-2546-00-0S-5	IC_TPS2546_QFN16_TI	1.00	U14
9	3-USTM-8S20-7M-XS	MCU_STM8S207MBT6B	1.00	IC61
10	3-UNJW-1240-00-0S-J	IC_NJW1240_+6dB/+8.3dB_SSOP32_JRC	1.00	IC120
11	3-UMUT-MH23-00-XS	Mute_Dual digital transistor_IMH23_ROHM	4.00	IC1045 IC1046 IC1047 IC1048
12	3-UMFI-337S-39-0S	W/USB_AUDIO_2.0C_MFI337S3959	1.00	IC9
13	3-ULFB-212G-45-0S	WIFI/BT_LFB212G45CG2D013 0805 Murata	1.00	U7
14	3-UFMS-6502-00-BS	FMS6502_TSSOP-24_FAIRCHILD	1.00	IC45
15	3-UCSR-8311-08-0S	IC_BT_CSR8311A08-IQQD-R QFN40	1.00	U6
16	3-UADV-7611-00-X0-A	IC_ADV7611_Low Power 165 MHz HDMI Receiver_LQFP64	1.00	U10
17	3-U90C-385A-00-BS	DS90C385A_TSS0P56	1.00	U17
18	3-U814-2LAB-3D-0S	IC_UTC_8142L-AB3-D-R_SOT-89(PIN:IN-GND-OUT)_4V2	1.00	U2
19	3-U4HC-4052-PW-BS	74HC4052PW_TSSOP16_PHILIPS	2.00	IC8 IC44
20	3-U0RT-9179-PB-XS	LDO_RT9179GB_300mA/ADJ_SOT23-5_Richtek	1.00	U5
21	3-U0LD-1117-33-0S	LD1117_3.3V_SOT-223	1.00	IC7
22	3-U0LD-1117-18-0S	REGULATOR_LD1117_1.8V_SOT-	1.00	IC14
23	3-U0CS-4344-CZ-XS	CS4344_TSSOP10_DAC_IC_CIRRUS_LOGIC	1.00	U9
24	3-U0BA-3123-F0-9S-6	BA3123F_SOP8_ROHM	3.00	IC3 IC5 IC6
25	3-U0AM-2182-00-0S	IC_AM2182_TSSOP20_AMtek	1.00	IC2
26	3-U0AK-7738-00-0S-Z	IC_DSP_AK7738_AsahiKASEI_LQFP64	1.00	IC28
27	3-RSA5-0R02-F0-0S	Resistance 2010 0.02Ω 1/2W ±1% ROHS	2.00	R1006 R1014
28	3-RS63-100K-F0-0S	Resistance 1206 100K 1/8W ±1%	1.00	R506
29	3-RS63-04K7-J0-0S	Resistance 1206 4K7 1/8W ±5%	1.00	R283
30	3-RS63-010K-J0-0S	Resistance 1206 10K 1/8W ±5%	1.00	R20
31	3-RS63-002R-J0-0S	Resistance 1206 2Ω 1/8W ±5%	2.00	R91 R339
32	3-RS63-001K-J0-0S	Resistance 1206 1K 1/8W ±5%	1.00	R311

33	3-RS63-0000-F0-0S	Resistance 1206 0Ω 1/8W ±1%	7.00	FU FU4 L11 L18 L3 L6 L7
34	3-RS52-330R-J0-0S	Resistance 0805 330Ω 1/10W ±5%	2.00	R13 R59
35	3-RS31-560K-F0-0S	Resistance 0603 560K 1/16W ±1%	1.00	R423
36	3-RS31-470R-F0-0S	Resistance 0603 470Ω 1/16W ±1%	4.00	R2 R19 R310 R446
37	3-RS31-470K-J0-0S	Resistance 0603 470K 1/16W ±5%	1.00	R220
38	3-RS31-330K-J0-0S	Resistance 0603 330K 1/16W ±5%	1.00	R1033
39	3-RS31-300K-F0-0S	Resistance 0603 300K 1/16W ±1%	1.00	R1020
40	3-RS31-270K-F0-0S	Resistance 0603 270K 1/16W ±1%	1.00	R1023
41	3-RS31-220R-F0-0S	Resistance 0603 220Ω 1/16W ±1%	2.00	R116 R118
42	3-RS31-180K-J0-0S	Resistance 0603 180K 1/16W ±5%	2.00	R125 R304
43	3-RS31-150K-F0-0S	Resistance 0603 150K 1/16W ±1%	1.00	R1039
44	3-RS31-130K-F0-0S	Resistance 0603 130K 1/16W ±1%	1.00	R1021
45	3-RS31-120K-F0-0S	Resistance 0603 120K 1/16W ±1%	1.00	R422
46	3-RS31-100R-F0-0S	Resistance 0603 100Ω 1/16W ±1%	55.00	R28 R29 R52 R53 R55 R74 R75 R76 R79 R86 R87 R93 R96 R115 R136 R140 R146 R149 R151 R177 R194 R205 R223 R229 R233 R234 R330 R331 R353 R363 R383 R388 R390 R400 R412 R414 R776 R777 R23 R25 R186 R188 R120 R94 R95 R1386 R1387 R1390 R1391 R1394
47	3-RS31-100K-F0-0S	Resistance 0603 100K 1/16W ±1%	21.00	R1385 R1388 R1389 R1392 R1393 R1396 R1098 R1099 R1100 R1101 R6 R143 R212 R267 R417 R442
48	3-RS31-075R-F0-0S	Resistance 0603 75Ω 1/16W ±1%	12.00	R8 R9 R10 R11 R141 R208 R209 R225 R355 R356 R368 R585
49	3-RS31-075K-F0-0S	Resistance 0603 75K 1/16W ±1%	2.00	R1017 R418
50	3-RS31-06K8-F0-0S	Resistance 0603 6K8 1/16W ±1%	4.00	R340 R341 R415 R416
51	3-RS31-06K2-F0-0S	Resistance 0603 6K2 1/16W ±1%	2.00	R255 R259
52	3-RS31-068K-F0-0S	Resistance 0603 68K 1/16W ±1%	1.00	R1035
53	3-RS31-056K-F0-0S	Resistance 0603 56K 1/16W ±1%	2.00	R1108 R346
54	3-RS31-051R-J0-0S	Resistance 0603 51Ω 1/16W ±5%	3.00	R1007 R41 R46
55	3-RS31-051K-F0-0S	Resistance 0603 51K 1/16W ±1%	1.00	R244
56	3-RS31-04K7-F0-0S	Resistance 0603 4K7 1/16W ±1%	23.00	R121 R128 R287 R305 R321 R322 R323 R364 R365 R456 R457 R458 R459 R460 R463 R127 R158 R163 R303 R312
57	3-RS31-047K-F0-0S	Resistance 0603 47K 1/16W ±1%	5.00	R1009 R218 R248 R254 R426
58	3-RS31-043K-F0-0S	Resistance 0603 43K 1/16W ±1%	1.00	R474
59	3-RS31-03K9-F0-0S	Resistance 0603 3K9 1/16W ±1%	2.00	R47 R210
60	3-RS31-039K-F0-0S	Resistance 0603 39K 1/16W ±1%	3.00	R256 R1010 R1018
61	3-RS31-036K-F0-0S	Resistance 0603 36K 1/16W ±1%	1.00	R1024
62	3-RS31-033R-F0-0S	Resistance 0603 33Ω 1/16W ±1%	6.00	R213 R215 R1037 R81 R285
63	3-RS31-030K-F0-0S	Resistance 0603 30K 1/16W ±1%	11.00	R358 R1102 R1103 R1104 R1105 R21 R173 R299 R300 R307 R308
64	3-RS31-02K2-F0-0S	Resistance 0603 2K2 1/16W ±1%	2.00	R1094 R253
65	3-RS31-027K-F0-0S	Resistance 0603 27K 1/16W ±1%	4.00	R252 R359 R367 R1040
66	3-RS31-024K-J0-0S	Resistance 0603 24K 1/16W ±5%	1.00	R335

67	3-RS31-022R-F0-0S	Resistance 0603 22R 1/16W ±1%	2.00	R26 R44
68	3-RS31-022K-F0-0S	Resistance 0603 22K 1/16W ±1%	2.00	R475 R1038
69	3-RS31-020K-F0-0S	Resistance 0603 20K 1/16W ±1%	9.00	R1011 R16 R1400 R1403 R56 R260 R263 R420 R448
70	3-RS31-01K5-F0-0S	Resistance 0603 1K5 1/16W ±1%	1.00	R1015
71	3-RS31-018K-F0-0S	Resistance 0603 18K 1/16W ±1%	1.00	R1019
72	3-RS31-016K-F0-0S	Resistance 0603 16K 1/16W ±1%	1.00	R566
73	3-RS31-012R-F0-0S-1	Resistance 0603 12Ω 1/16W ±1%	4.00	R180 R182 R183 R184
74	3-RS31-012K-F0-0S	Resistance 0603 12K 1/16W ±1%	2.00	R119 R243
75	3-RS31-010R-J0-0S	Resistance 0603 10Ω 1/16W ±5%	10.00	R15 R401 R402 R403 R411 R421 R1004 R1005 R1012 R1013
76	3-RS31-010K-F0-0S	Resistance 0603 10K 1/16W ±1%	54.00	R24 R37 R90 R162 R217 R333 R407 R476 R477 R478 R479 R480 R482 R1097 R7 R36 R38 R54 R60 R63 R64 R65 R66 R67 R92 R98 R100 R138 R144 R148 R155 R251 R262 R268 R275 R276 R301 R332 R338 R342 R343 R349 R366 R384 R447 R755 R782 R784 R88 R33
77	3-RS31-002K-F0-0S	Resistance 0603 2K 1/16W ±1%	6.00	R102 R147 R172 R214 R334 R78
78	3-RS31-001M-F0-0S	Resistance 0603 1M 1/16W ±1%	3.00	R1001 R1003 R445
79	3-RS31-001K-F0-0S	Resistance 0603 1K 1/16W ±1%	65.00	R309 R396 R1008 R1016 R1106 R5 R12 R14 R51 R57 R58 R61 R62 R68 R69 R70 R71 R80 R84 R89 R101 R109 R110 R1401 R1402 R114 R117 R122 R124 R142 R145 R156 R159 R160 R167 R168 R169 R170 R175 R178 R179 R195 R198 R200 R203 R204 R221 R224 R231 R240 R242 R273 R274 R279 R280 R281 R326 R380 R381 R382
80	3-RS31-0000-J0-0S	Resistance 0603 0Ω 1/16W ±5%	22.00	R3 R4 R27 R39 R82 R153 R166 R230 R236 R245 R344 R345 R1022 R1034 R1093 FB28 FB29 R261
81	3-RS21-D4K7-J0-00	Resistance 0402 4.7K*4 1/16W ±5%	2.00	NR5 NR8
82	3-RS21-330R-F0-0S	Resistance 0402 330Ω 1/16W ±1%	12.00	R139 R150 R152 R154 R157 R161 R171 R174 R132 R134
83	3-RS21-051R-F0-00	Resistance 0402 51R ±1% 1/16W	1.00	R351
84	3-RS21-033R-J0-0S	Resistance 0402 33Ω 1/16W ±5%	1.00	R372
85	3-RS21-0000-J0-0S	Resistance 0402 0Ω 1/16W ±5%	1.00	FB45
86	3-RN21-051R-F0-0S-1	Resistance 0402 51Ω*4 1/16W 1%	2.00	NR12 NR13
87	3-RN21-022R-J0-0S	Resistance 0402 22R*4 1/16W ±5%	2.00	NR10 NR11
88	3-RN21-001K-J0-0S	Resistance 0402 1K*4 1/16W ±5%	5.00	NR1 NR2 NR4 NR6 NR7
89	3-QMBT-3906-0P-6S	Transistor LMBT3906LT1G SOT-23 PNP	7.00	Q1 Q10 Q51 Q52 Q67 Q68 Q69
90	3-QMBT-3904-0N-6S	Transistor LMBT3904LT1G SOT-23 NPN	19.00	Q2 Q3 Q4 Q9 Q14 Q19 Q21 Q22 Q25 Q26 Q28 Q29 Q41 Q47 Q50 Q62 Q63 Q65 Q18
91	3-QKTD-1624-0N-6S	Transistor KTD1624C SOT-89 NPN	2.00	Q6 Q49

92	3-QIRL-6402-PM-6S	FET LP3443LT1G MICRO3 P	3.00	Q15 Q43 Q5
93	3-QIRF-7205-PM-6S	FET IRF7205 SO-8 P	1.00	IC31
94	3-Q0SP-8K33-NM-XS	FET ROHM SP8K33 SOP8	2.00	Q1000 Q1001
95	3-Q0KR-C402-0N-6S	Transistor LMUN5211T1G USM NPN	11.00	Q12 Q17 Q20 Q31 Q36 Q37 Q42 Q71 Q72 Q1005 Q7
96	3-LXSX-A900-00-0S-3	Inductance_DLP2ADA900HL4L_90Ω _100MHz	2.00	U21 U23
97	3-LA6X-060R-00-0S	ferrite bead_1206_60R_≤ 1000mA_±25%_贴片磁珠	5.00	L1 L5 L8 L38 FB18
98	3-LA5X-601R-G0-0S	ferrite bead_0805_600R_≤	6.00	FB15 FB16 FB17 L19 L20 L21
99	3-LA5X-121R-W0-0S	ferrite bead_0805_120R_≤ 2000mA_±25%	1.00	FB12
100	3-LA30-601R-G0-0S	ferrite bead_0603_600Ω_≤ 100mA_±25%	1.00	FB1
101	3-LA30-182R-00-1S	ferrite bead_0603_1800Ω_≤ 50mA_±25%	2.00	FB13 FB14
102	3-LA30-120R-X0-0S	ferrite bead_BLM18PG121SN1D_0603_2A_120Ω_±25%	2.00	FB21 FB22
103	3-LA2X-600R-X0-0S	ferrite bead_BLM15HG601SN1D_0402_300MA_600Ω_±25%	32.00	FB2 FB3 FB4 FB5 FB6 FB7 FB8 FB9 FB10 FB11 FB31 FB33 FB34 FB36 FB38 FB39 FB44 FB46 FB47 FB48 FB49 FB50 FB51 FB52 FB53 FB54 FB55 FB56 FB57
104	3-L8S0-0100-NX-00	NDUCTOR_CES-8210B-CL_CDH4B28_10uH_2000PPM_℃ _30%	1.00	L35
105	3-L4S0-015U-H1-25	Inductance_CDH125(12.3*12.3*6.0)_15UH	1.00	L1006
106	3-L4S0-0100-CD-32	Inductance_CD32_10uH_≤	1.00	L24
107	3-L2X9-010U-M0-0S	Inductance_14B6045E_10UH_±20% _3A_ROHS	2.00	L1000 L1005
108	3-L2S0-022U-M0-7S	Inductance_SANWA_18B1278L-220MT01_22UH_±20%	2.00	L1001 L1002
109	3-L23X-02U2-K0-0S	Inductance_0603_2.2uH_≤	1.00	L4
110	3-JF40-00R5-02-30-H	Connector_FPC_40PIN_0.5mm_SMT HF601-40-02	1.00	CON8
111	3-JF30-00R5-02-30-H	Connector_FPC_30PIN_0.5mm_SMT	2.00	CON4 CON12
112	3-JF20-00R5-05-2J-D	Connector_FPC_20PIN_0.5mm _SMT	1.00	CON11
113	3-JF12-00R5-04-3J-D	Connector_FPC_12PIN_0.5mm SMT	1.00	CON7
114	3-JF07-00R5-04-2J-D	Connector_FPC_7PIN_0.5mm	1.00	CON21
115	3-J119-HDMI-07-20-F	HDMI Connector_A TYPE_SMT TYPE_1mm	1.00	U3
116	3-J110-0125-07-30	Connector 10PIN 1.25mm SMT	1.00	CON3
117	3-J107-0125-07-30	Connector 7PIN 1.25mm SMT	1.00	CON19
118	3-J104-0125-07-30	Connector 4PIN 1.25mm SMT	1.00	CON6
119	3-J102-0125-07-30-C	Connector 2PIN 1.25mm SMT	1.00	CONO3
120	3-F301-D1A1-01-00	Fuse_1812_1.1A_33V_PPTC	2.00	FU2 FU9
121	3-DZA3-07V5-00-0S	Diode 7.5V 1mA SOD-323	9.00	ZD10 ZD11 ZD12 ZD13 ZD19 ZD20 ZD21 ZD22 ZD23
122	3-DZA3-05V6-00-0S	Diode 5.6V 1mA SOD-323	2.00	ZD1 ZD9

123	3-DZA3-0018-00-0S	Diode 18V MSOD-323	2.00	ZD4 ZD16
124	3-DZA3-0012-00-0S	Diode 12V 1mA SOD-323	2.00	ZD8 ZD44
125	3-DZA3-0010-00-0S	Diode 10V 1mA SOD-323	1.00	ZD6
126	3-DTXX-DF10-04-0S-P	Diode_TVS_TVW DF 10 04 AD0_0.6pf_DFN-10	3.00	U8 U11 U15
127	3-DTVS-SM8S-22-0S	Diode_TVS_SM8S22A_DO-218AB	1.00	D11
128	3-DTVS-LESD-5L-0S	Diode_TVS_LESD5L5.0T1G_USB_0.5 pF_SOD-523	4.00	ZD2 ZD3 ZD5 ZD7
129	3-DTVS-24DL-CB-0S	Diode_TVS_SOD-323_WS24DLC-B_24V	1.00	ESD4
130	3-DT10-SES0-T0-00-E	Diode_TVS_(SESOT05C) _SOT-23_220PF	2.00	ZD17 ZD18
131	3-DSX0-SK34-00-0S	Diode SK34 3A SMA-L	1.00	D15
132	3-DRX0-SS16-00-0S	Diode SS16 1A SMA	1.00	D18
133	3-DRB0-4004-00-0S	Diode 1N4004 IA SOD-106	4.00	D1000 D1001 D61 D1
134	3-DKA0-4148-00-0S	Diode 1N4148WS 200mA 200mW SOD-323	25.00	D10 D1006 D1007 D1008 D1009 D1052 D13 D14 D16 D17 D19 D21 D25 D33 D35 D37 D38 D39 D4 D40 D41 D5 D6 D7 D8
135	3-DHXX-1018-10-0S-7	Diode_ESD_0603_18V_10PF (ICVL1018100Y500FR)	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
136	3-DBXD-SK54-5A-0S	Diode_SK54_5A_SMC_SOD-214	1.00	D1003
137	3-CES7-0107-52-0S	Capacitance_6.3X7.7_100uF_25V_105℃_±20%	1.00	TC18
138	3-CES5-0476-52-0S	Capacitance_5X5.3_47uF_16V_105℃_±20%	5.00	TC5 TC7 TC24 TC1012 TC6
139	3-CES5-0227-52-0S	Capacitance_6.3*7.7_220uF_16V_105℃_±20%	1.00	TC3
140	3-CES5-0107-52-0S	Capacitance_6.3X5.3_100uF_16V_105℃_±20%_	2.00	TC4 TC20
141	3-CES5-0106-52-0S	Capacitance_4X5.3_10uF_16V_105℃_±20%	3.00	TC1 TC2 TC23
142	3-CES2-0477-52-0S	Capacitance_6.3X7.7_470uF_6.3V_105℃_±20%	1.00	TC1005
143	3-CES2-0227-52-0S	Capacitance_6.3X5.3_220uF_6.3V_105℃_±20%	3.00	TC1001 TC1002 TC1003
144	3-CC67-0226-4R-0S	Capacitance 1210 22uF 25V X5R ±10%	8.00	C1013 C1023 C1040 C1041 C1047 C13 C115 C159
145	3-CC67-0106-4R-0S	Capacitance_1210_10uF_25V_±10%_X7R	3.00	C490 C1029 C1030
146	3-CC59-0475-4X-0S	Capacitance_1206_4.7UF_50V_X7R_±10%	4.00	C1008 C1009 C1018 C1019
147	3-CC59-0105-4X-0S	Capacitance_1206_1uF_50V_X7R_±10%	1.00	C1101
148	3-CC57-04U7-5X-0S	Capacitance_1206_4.7UF_25V_X7R_±10%	1.00	C1104
149	3-CC55-0106-4R-0S	Capacitance_1206_10uF_16V_X5R_-10%～+10%	7.00	C19 C65 C67 C146 C147 C179 C180
150	3-CC52-0226-44-0S	Capacitance_1206_22uF_6.3V_X5R_±10%	1.00	C228

151	3-CC47-0105-4X-1S	Capacitance_0805_1uF_25V_X7R_±10%	3.00	C1103 C1527 C1528
152	3-CC45-0475-4R-0S	Capacitance 0805 4.7uF 16V X5R ±10%	4.00	C108 C148 C181 C120
153	3-CC45-02U2-4X-0S	Capacitance_AC_0805_2.2UF_16V_X7R_±10%	2.00	C36 C322
154	3-CC43-0475-4X-0S	Capacitance_0805_4.7uF_10V_X7R_±10%_TDK	2.00	C105 C323
155	3-CC43-0106-4R-0S	Capacitance 0805 10uF 10V X5R ±10%	8.00	C83 C173 C220 C222 C6 C20 C50 C66
156	3-CC39-0104-4X-0S	Capacitance_0603_0.1UF_50V_X7R_±10%	7.00	C59 C1003 C1006 C1007 C1010 C1020 C1028
157	3-CC37-0392-4X-0S	Capacitance_0603_3.9nF_50V_X7R_±10%	14.00	C52 C53 C56 C60 C62 C85 C90 C97 C109 C112 C123 C231 C1016 C1025
158	3-CC37-0122-4X-0S	Capacitance_0603_1.2nF_50V_X7R_±10%	2.00	C1015 C1022
159	3-CC37-0105-4X-1S	Capacitance_0603_1uF_25V_X7R_±10%_TAIYOU	65.00	C7 C34 C38 C39 C41 C43 C44 C48 C51 C110 C136 C168 C198 C204 C205 C265 C266 C338 C415 C1014 C1024 C1102 C49 C274 C103 C75 C294 C298 C321 C326 C176 C183 C195 C5 C9 C21 C23 C47 C68 C73 C74 C82 C92 C100 C140 C141 C142 C161 C175 C224 C260 C285 C295 C446 C126 C127 C121 C107 C190 C324 C325 C327 C95 C308 C269
160	3-CC37-0104-4X-0S	Capacitance_0603_0.1uF_25V_X7R_±10%	60.00	C1 C10 C102 C104 C1042 C1044 C106 C11 C114 C116 C117 C118 C124 C128 C129 C134 C15 C156 C16 C160 C163 C166 C169 C174 C18 C182 C188 C189 C196 C210 C211 C213 C22 C221 C229 C233 C234 C238 C242 C250 C253 C254 C257 C26 C262 C28 C29 C30 C32 C332 C445 C54 C61 C63 C69 C70 C79 C8 C96 C99
161	3-CC35-0822-4X-0S	Capacitance_0603_8n2_50V_X7R_±10%	2.00	C171 C172
162	3-CC35-05P6-30-0S	Capacitance_0603_5.6PF_50V_NPO_±0.5PF	2.00	C25 C27
163	3-CC35-0472-4X-0S	Capacitance_0603_4n7_50V_X7R_±10%	1.00	C1046
164	3-CC35-0471-30-0S	Capacitance_0603_470pF_16V_NPO_±5%	1.00	C1048
165	3-CC35-0332-4X-0S	Capacitance_0603_3n3_50V_X7R_±10%	2.00	C80 C113
166	3-CC35-0331-30-0S	Capacitance_0603_330pF_50V_NPO_±5%	2.00	C1017 C1026
167	3-CC35-0330-30-0S	Capacitance_0603_33pF_50V_NPO_±5%	5.00	BC2 BC3 C1000 C1001 C1045
168	3-CC35-0224-4X-0S	Capacitance_0603_0.22uF_16V_X7R_±10%	4.00	C1105 C1106 C1107 C1108

169	3-CC35-0223-4X-0S	Capacitance_0603_22nF_50V_X7R_±10%	2.00	C76 C152
170	3-CC35-0221-30-0S	Capacitance_0603_220pF_50V_NPO_±5%	4.00	C137 C138 C153 C184
171	3-CC35-0220-80-0S	Capacitance_0603_22pF_50V_NPO_±5%	2.00	C88 C101
172	3-CC35-0200-30-0S	Capacitance_0603_20pF_50V_NPO_±5%	2.00	C197 C199
173	3-CC35-0180-80-0S	Capacitance_0603_18pF_50V_NPO_±5%	2.00	C150 C151
174	3-CC35-0150-30-0S	Capacitance_0603_15pF_50V_NPO_±5%	3.00	C57 C98 C111
175	3-CC35-0103-4X-0S	Capacitance_0603_10nF_50V_X7R_±10%	48.00	C14 C31 C42 C91 C94 C125 C185 C186 C193 C194 C225 C239 C240 C252 C340 C341 C342 C119 C139 C144 C235 C237 C241 C244 C247 C255 C256 C258 C230 C232 C93 C64 C143 C178 C1049 C1100 C3 C236 C261 C45 C131 C191 C207
176	3-CC35-0102-4X-0S	Capacitance_0603_1nF_50V_X7R_±10%	5.00	C1004 C1005 C1011 C1021 C388
177	3-CC35-0101-30-0S	Capacitance_0603_100pF_50V_NPO_±5%	1.00	C1002
178	3-CC35-0100-30-0S	Capacitance_0603_10pF_50V_NPO_±5%	2.00	C55 C122
179	3-CC35-0050-80-0S	Capacitance_0603_5pF_50V_NPO_±O.25	2.00	C86 C87
180	3-CC33-0474-4X-0S	Capacitance_0603_0.47uF_10V_X7R_±10%	1.00	C77
181	3-CC32-0475-44-0S-1	Capacitance_0603_4.7uF_6.3V_X5R_±10%	1.00	C46
182	3-CC32-0225-4X-0S	Capacitance_0603_2.2uF_6.3V_X5R_±10%	5.00	C58 C78 C81 C89 C72
183	3-CC32-0106-54-0S	Capacitance_0603_10uF_6.3V_X5R_±20%	10.00	C2 C12 C17 C24 C35 C84 C133 C135 C1027 C243
184	3-CC29-0100-34-0S	Capacitance_0402_10pF_50V_COG_±5%	1.00	C132
185	3-CC25-0104-4X-0S	Capacitance_0402_0.1uF_X7R_10%_16V_GRM155R71C104KA88D	5.00	C245 C246 C248 C249 C375
186	3-XQ01-12M2-88-2S-1	Crystal_12.288MHz_SMD3225_20PF_±10ppm_ -40℃~+85℃	1.00	Y1
187	3-U0TX-1952-00-0S-T	TOSLINK_TOTX1952(6M.F)_FIBER OPTIC TRANSMITTING	1.00	CON2
188	3-U0TB-2938-HQ-OS	IC_AMP_TB2938HQ_FLEXWATT25-0200-L	1.00	IC1012
189	3-CE16-0688-52-00	Capacitance_16*25_6800uF_20V_105℃_±20%_2.8±0.3mm	1.00	TC78
190	3-CE16-0478-52-00	Capacitance_16*25_4700uF_20V_105℃_±20%	1.00	TC1000
191	3-M300-H400-00-I0	Beep_PKM13EPYH4000-A0	1.00	BUZ1
192	3-LC1C-0221-K0-00	Inductance_12*10_220uH_10A_±10%	1.00	L9
193	3-JU04-0040-08-00-F	Connector_MiniUsb_5pin_3.3±0.25	2.00	CON9 CON10
194	3-JEST-T100-00-10	Connector_Tuner_2PIN	1.00	ANT4

195	3-J218-5018-52-00	Connector_PLUG_CNE-8215-CL_18PIN_CSC5018-5201F	1.00	CON27
196	3-J120-0200-07-12	Connector_20PIN PH2.0	1.00	CON1

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-	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	1.00	U26
3	3-UGPS-B944-40-0S	SAW GPS filter_B9444_QCS5I	1.00	G_FL2
4	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
5	3-CC23-0010-30-0S	Capacitance_0402_10PF_50V_NPO_±5%	2.00	C65 C133
6	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
7	3-CC29-0150-34-0S	Capacitance_0402_15pF_50V_COG_5%	2.00	C9 C10
8	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
9	3-CC25-0223-4X-0S	Capacitance_0402_22nF_16V_X7R_±10%	3.00	C126 C39 C335
10	3-CC29-0220-3C-6S	Capacitance_SN-6605-Z_0402_22PF_50V_±5%_GRM1555C1H220HZ01D_MVRATA	8.00	C11 C15 G_C21 G_C25 G_C26 C108 C109 C110

11	3-CC32-0106-54-0S	Capacitance_0603_10uF_6.3V_X5R_±20%	4.00	C330 C331 C332 C333
12	3-CC43-0106-4R-0S	Capacitance_0805 10uF 10V X5R ±10%	2.00	C240 C246
13	3-CC23-0102-4X-0S	Capacitance_0402_1nF_50V_X7R_±10%	1.00	C319
14	3-CC32-0225-4X-0S	Capacitance_0603_2.2uF_6.3V_X5R_±10%	6.00	C6 C7 C8 C260 C272 G_C4
15	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 C60 C61 C62 C63
16	3-CC52-0226-44-0S	Capacitance_1206_22uF_6.3V_X5R_±10%	1.00	C120
17	3-CC22-0226-00-0S	Capacitance_X5R_22u_6V3_0805_20%	4.00	C224 C225 C226 C244
18	3-CC23-0332-4X-0S	Capacitance_0402_3.3nF_50V_X7R_±10%	1.00	C89
19	3-CC23-0331-4X-0S	Capacitance_0402_330PF_50V_C0G_±5%	1.00	C85
20	3-CC32-0475-44-0S	Capacitance_0603_4.7uF_6.3V_X5R_±10%	8.00	C123 C227 C247 C261 C46 C57 C98 C103
21	3-CC29-0470-34-0S	Capacitance_0402_47pF_50V_COG_±5%	2.00	C1235 C1236
22	3-CC25-0823-4X-0S	Capacitance_0402_82NF_16V_X7R_±10%	1.00	C329
23	3-XQ0X-32K7-68-4S	Crystal_32.768KHz SMD 12.5PF ±20PPM -40℃+85℃	1.00	Y2
24	3-U0MT-41K1-28-00	IC_DDR3_MT41K128M16JT-125_FBGA96_Micron	2.00	U2 U3
25	3-DKA0-4148-00-0S	Diode_1N4148WS 200mA 200mW SOD-323	1.00	D1
26	3-CTA5-0106-54-0S	Capacitance_10uF_16V_±20%	2.00	TC1 TC2
27	3-CTB3-0476-54-0S	Capacitance_47uF_10V_±20%	1.00	TC3
28	3-U002-4C02-AF-9S	AT24C02A_SOP8_ATMEL	1.00	U10
29	3-L220-010N-J0-6S	Inductor_0402_10nH_±5%_LQG15HS10NJ02D	8.00	FB2 FB3 FB5 FB6 FB7 FB8 G_FB1 FB10
30	3-LA69-120R-X0-0S	ferrite bead_BLM31PG121SH_1206_3A_120Ω_±25%	1.00	FB4
31	3-LA24-102R-M0-0S	ferrite bead_0402_1000ohm_200MA_±25%	2.00	FB11 FB12
32	3-J001-0000-00-20	CNE-8205L-CL_ICSRC6508SFR 6.5*0.8*1.2mm	3.00	CON5 CON6 CON10
33	3-J104-IPEX-00-00	Connector_I-PEX_1.13MM_20279-001E-01	1.00	G_J1
34	3-L4S8-0010-N0-00	Inductor_13F4018G-1R0YCAS_1.0uH_30%_大于2A_SMT	3.00	L1 L3 L8
35	3-QLJS-3113-PM-XS	MOSFET_NTLJS3113PT1G_WDFN6 2x2	1.00	Q3
36	3-L220-047N-J0-6S	Inductor_SN-6605-Z_0402_47nH_±5%_LQG15HS47NJ0	1.00	G_L1

37	3-U0UF-2G8F-2C-XS	FLASH H27U2G8F2CTR_256MB_TSOP48_HYNIX	1.00	U4
38	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
39	3-RS21-100K-F0-0S	Resistance 0402 100K 1/16W ±1%	9.00	R6 R11 R15 R95 R99 R313 R315 R316 R304
40	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
41	3-RS21-002M-F0-0S	Resistance 0402 2M 1/16W ±1%	1.00	R16
42	3-RS21-075R-F0-0S	Resistance 0402 75R 1/16W ±1%	5.00	R4 R180 R181 R182 R183
43	3-RS21-001K-F0-0S	Resistance 0402 1K 1/16W ±1%	10.00	R17 R18 R19 R20 R150 R157 R159 R169 R72 R73
44	3-RS21-1K69-F0-0S	Resistance 0402 1.69KΩ 1/16W ±1%	1.00	R185
45	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
46	3-RS21-180R-F0-0S	Resistance_0402_180Ω_1/16W_±1%	2.00	R21 R22
47	3-RS21-001M-F0-0S	Resistance 0402 1M 1/16W ±1%	1.00	R148
48	3-RS21-020K-F0-0S	Resistance 0402 20K 1/16W ±1%	2.00	R153 R158
49	3-RS21-022R-J0-0S	Resistance 0402 22Ω 1/16W ±5%	1.00	R51
50	3-RS21-033R-J0-0S	Resistance 0402 33Ω 1/16W ±5%	8.00	R186 R62 R63 R65 R66 R67 R70 R71
51	3-RS21-240R-00-0S	Resistance 240R 0402 1/16W ±5%	3.00	R5 R23 R24
52	3-RS21-024K-J0-0S	Resistance 0402 24K 1/16W ±5%	1.00	R162
53	3-RS21-0202-F0-00	Resistance 0402 2K 1/16W ±1%	2.00	R88 R103
54	3-RS21-033K-F0-0S	Resistance 0402 33K 1/16W ±1%	1.00	R151
55	3-RS21-04K7-J0-0S	Resistance 0402 4.7K 1/16W ±5%	7.00	R7 R8 R13 R14 R107 R184 R192
56	3-RS21-44R2-F0-0S-1	Resistance 0402 44R2 1/16W ±1%	2.00	R2 R3
57	3-RS21-560R-F0-0S	Resistance 0402 560Ω 1/16W ±1%	1.00	R112
58	3-RS21-047K-F0-0S	Resistance 0402 47K 1/16W ±1%	1.00	R155
59	3-RS21-0821-F0-00	Resistance 0402 820R ±1% 1/16W	2.00	R68 R69
60	3-RN21-033R-J0-0S	Resistance 0402 33R*4 1/16W ±5%	9.00	RA1 RA2 RA5 RA6 RA7 RA8 RA9 RA10 RA11
61	3-URT9-1933-3P-00	LDO_RT9193-33GB_300mA/3.3V_SOT23-5_Richtek	2.00	U14 U28
62	3-URT9-1931-8P-00	LDO_RT9193-18GB_300mA/1.8V_SOT23-5_Richtek	1.00	U11
63	3-U0XC-6228-D3-X0	LDO_XC6228D302VR-G_300mA/3.0V_SOT23-5_TOREX	1.00	G_U1
64	3-UTRI-GCSR-30-X0	GPS-RF_TriG-Lite_CSRG3000A01-IQQI-R_QFN24	1.00	U13
65	3-USRS-3682-B0-XS	CPU_SiRF-PrimaII_CSRS3682B01-IBBK-R_BGA425	1.00	U1
66	3-UTPS-6208-00-X0	IC_TPS62080DSGR_SON8_1.2A	2.00	U29 U30
67	3-U0CN-2802-MP-DS	VOLTAGE-DETECTORS_VOLTAGE-DETECTORS_XC61CN2802MR_SOT-23	1.00	U5

68	3-XQ01-026M-00-20	Crystal_26MHz_+/-10PPM_12PF_SMD 3225	1.00	Y1
69	3-XY07-026M-00-00	crystal_IT3205CE_26MHZ_+/-0.5ppm_OSC3225	1.00	Y3
70	3-XQ01-028M-63-0S	Crystal_SMD3225 _28.63636MHZ_30ppm_18pF	1.00	Y4
71	3-DX05-AT3G-00-0S	Diode_SMAJ6.0(C)A _SMA_40W	1.00	ZD1
72	3-CC37-0104-4X-0S	Capacitance_0603_0.1uF_25V_X7R_±10%	3.00	C215 C216 C243
73	3-RS31-0000-J0-0S	Resistance 0603 0Ω 1/16W ±5%	1.00	R74
74	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	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
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
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_≤	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_≤	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_±10%	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_MVRA	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_IR908-7C/F298	2.00	LD2 LD3

TFT BOARD PART LISTS

NO.	Part Number	Part information	Number	Reference Mark
1	3-B324-2733-R0-03	PCB_TFT__1.2MM_169*166mm_OSP_ROHS_VR00	1.00	
2	3-CC35-0101-30-0S	Capacitance_0603_100pF_50V_NPO_±5%	3.00	C480 C482 C205
3	3-CC35-0103-4X-0S	Capacitance_0603_10nF_50V_X7R_±10%	4.00	C3 C466 C476 C22
4	3-CC35-0121-30-0S	Capacitance_0603_120pF_50V_NPO_±5%	2.00	C48 C51
5	3-CC37-0104-4X-0S	Capacitance_0603_0.1uF_25V_X7R_±10%	19.00	C17 C113 C204 C475 C49 C24 C25 C36 C37 C42 C46 C5 C27 C28
6	3-CC37-0105-4X-1S	Capacitance_0603_1uF_25V_X7R_±10%_TAIYOU	32.00	C2 C15 C39 C41 C468 C477 C479 C35 C1 C6 C8 C11 C12 C26 C32 C34 C38 C52 C54 C77 C78 C79 C80 C81 C83 C84 C93 C195 C463 C485 C43 C47
7	3-CC39-0103-4X-0S-1	Capacitance_0603_10nF_50V_X7R_±10%_GRM188R71H103K	10.00	C7 C14 C16 C18 C19 C20 C21 C29 C76 C139
8	3-CC43-0106-4R-0S	Capacitance 0805 10uF 10V X5R ±10%	8.00	C65 C23 C50 C44 TC1 C9 C10 C94
9	3-CC45-02U2-4X-0S	Capacitance_0805_2.2UF_16V_X7R_±10%	4.00	C13 C461 C465 C478
10	3-CC55-0106-4R-0S	Capacitance_1206_10uF_16V_X5R_-10%～+10%	1.00	C469
11	3-CC57-0225-4X-0S	Capacitance_1206_2.2uF_25V_X7R_±10%_TDK	1.00	C124
12	3-CC59-0105-4X-0S	Capacitance（低ESR）_1206_1uF_50V_X7R_±10%	3.00	C462 C464 C467
13	3-CES2-0227-52-0S	Capacitance_6.3X5.3_220uF_6.3V_105℃_±20%	3.00	TC1002 TC1003 TC21
14	3-CES5-0476-52-0S	Capacitance_5X5.3_47uF_16V_105℃_±20%	1.00	TC26
15	3-CES8-0476-54-0S	Capacitance_6.3*5.4_47uF_35V_20%_-55~+105°C	1.00	TC8
16	3-DD10-BAV9-00-0S	Diode_LBAV99LT1G_2.5uA_225mW_SOT-23	2.00	ZD18 ZD19
17	3-DKA0-4148-00-0S	Diode_1N4148WS 200mA 200mW SOD-323	2.00	D1 D2
18	3-DSX0-SK34-00-0S	Diode_SK34 3A SMA-L	2.00	D27 D28
19	3-DT10-SES0-T0-00-E	Diode_TVS_(SESOT05C) _SOT-23_6-7V_220PF	2.00	ZD1 ZD10
20	3-DZA3-07V5-00-0S	Diode_ 7.5V_1mA_SOD-323	1.00	ZD17

21	3-J100-SM02-B0-30	Connector_2PIN_BHD3.5_90°	1.00	CON8
22	3-JF04-0010-04-30-C	Connector_FFC_4PIN_1.0mm	1.00	CON2
23	3-JF20-00R5-04-3J-D	Connector_FPC_20PIN _0.5mm _H2.0	1.00	CON3
24	3-JF30-00R5-02-30-H	Connector_FPC_30PIN 0.5mm	4.00	CON7 CON9 CON1 CON4
25	3-L4S0-0101-CD-54	Inductor_CD54_100uH_≤	1.00	L10
26	3-L4S0-0220-3B-16	Inductor_POWER_IND_CDH3B16_22 uH_0.4R_0.4A	2.00	L1 L27
27	3-L8S0-0100-NX-00	Inductor_CDH4B28_10uH_2000PPM_ ℃_30%	2.00	L36 L37
28	3-LA5X-026R-00-1S	ferrite bead_0805_26R_≤	1.00	L7
29	3-LA5X-601R-G0-0S	ferrite bead_0805_600R_≤	7.00	L2 L4 L6 L29 L3 R24 R27
30	3-Q0KR-C402-0N-6S	Transistor LMUN5211T1G USM NPN	1.00	Q27
31	3-Q2SB-1132-0P-6S	Transistor 2SB1132 SOT-89 PNP	1.00	Q23
32	3-Q2SC-3265-0N-6S	Transistor 2SC3265/L8050QLT1G SOT-23 NPN	3.00	Q29 Q44 Q45
33	3-Q2SC-4375-0N-6S	Transistor 2SC4375 SOT-89 NPN	2.00	Q22 Q24
34	3-QIRL-6402-PM-6S	FET_LP3443LT1G_MICRO3_P	1.00	Q30
35	3-RS31-0000-J0-0S	Resistance 0603 0Ω 1/16W ±5%	14.00	R37 R38 R10 R23 R58 R61 R62 R112 R114 R36 R289 R549 L9 L5
36	3-RS63-0000-F0-0S	Resistance 1206 0Ω 1/8W ±1%	1.00	R34
37	3-RS31-001K-F0-0S	Resistance 0603 1K 1/16W ±1%	5.00	R16 R39 R49 R546 R558
38	3-RS31-010K-F0-0S	Resistance 0603 10K 1/16W ±1%	6.00	R17 R26 R42 R45 R548 R550
39	3-RS31-010R-J0-0S	Resistance 0603 10Ω 1/16W ±5%	3.00	R288 R554 R559
40	3-RS31-011K-F0-0S	Resistance 0603 11K 1/16W ±1%	1.00	R181
41	3-RS31-012K-F0-0S	Resistance 0603 12K 1/16W ±1%	1.00	R80
42	3-RS31-015K-F0-0S	Resistance 0603 15K 1/16W ±1%	1.00	R544
43	3-RS31-01K2-F0-0S	Resistance 0603 1K2 1/16W ±1%	1.00	R9
44	3-RS31-01K8-F0-0S	Resistance 0603 1K8 1/16W ±1%	1.00	R2
45	3-RS31-022R-J0-0S	Resistance 0603 22Ω 1/16W ±5%	25.00	R12 R43 R44 R46 R47 R48 R122 R123 R125 R132 R133 R134 R135 R141 R143 R144 R145 R146 R148 R150 R151 R152
46	3-RS31-0300-F0-00	Resistance 0603 30Ω 1/6W ±1%	3.00	R21 R22 R91
47	3-RS31-030K-F0-0S-1	Resistance 0603 30K 1/16W ±1%	1.00	R547
48	3-RS31-039K-F0-0S	Resistance 0603 39K 1/16W ±1%	2.00	R96 R89
49	3-RS31-03K3-F0-0S	Resistance 0603 3K3 1/16W ±1%	1.00	R40
50	3-RS31-03K9-F0-0S	Resistance 0603 3K9 1/16W ±1%	1.00	R560
51	3-RS31-0470-F0-00	Resistance 0603 47Ω 1/16W ±1%	1.00	R18
52	3-RS31-04K7-F0-0S	Resistance 0603 4K7 1/16W ±1%	3.00	R60 R116 R118
53	3-RS31-056K-F0-0S	Resistance 0603 56K 1/16W ±1%	2.00	R28 R29
54	3-RS31-05K6-F0-0S	Resistance 0603 5K6 1/16W ±1%	2.00	R76 R88
55	3-RS31-068K-F0-0S	Resistance 0603 68K 1/16W ±1%	1.00	R176
56	3-RS31-09K1-F0-0S	Resistance 0603 9K1 1/16W ±1%	1.00	R81
57	3-RS31-075R-F0-0S	Resistance 0603 75Ω 1/16W ±1%	2.00	R30 R94
58	3-RS31-082K-F0-0S	Resistance 0603 82K 1/16W ±1%	2.00	R25 R40
59	3-RS31-100K-F0-0S	Resistance 0603 100K 1/16W ±1%	1.00	R561
60	3-RS31-100R-F0-0S	Resistance 0603 100Ω 1/16W ±1%	14.00	R109 R110 R3 R31 R1 R13 R14 R113 R129 R258 R261 R264 R8 R95

61	3-RS31-150R-F0-0S	Resistance 0603 150Ω 1/16W ±1%	1.00	R93
62	3-RS31-240R-F0-0S	Resistance 0603 240Ω 1/16W ±1% _YAGEO	1.00	R106
63	3-RS31-330R-F0-0S	Resistance 0603 330Ω 1/16W ±1%	1.00	R50
64	3-RS31-360R-F0-0S	Resistance 0603 360Ω 1/16W ±1%	2.00	R15 R90
65	3-RS31-392R-F0-0S	Resistance 0603 392Ω 1/16W ±1%	3.00	R20 R84 R108
66	3-RS31-470R-F0-0S	Resistance 0603 470Ω 1/16W ±1%	2.00	R156 R545
67	3-RS31-560K-F0-0S	Resistance 0603 560K 1/16W ±1%	1.00	R543
68	3-RS31-680R-F0-0S	Resistance 0603 680Ω 1/16W ±1%	1.00	R11
69	3-RS31-820R-F0-0S	Resistance 0603 820Ω 1/16W ±1%	2.00	R32 R41
70	3-RS31-910R-J0-0S	Resistance 0603 910Ω 1/16W ±5%	1.00	R99
71	3-RS53-04R7-F0-0S	Resistance 0805 4.7Ω 1/8W ±1%	4.00	R4 R5 R6 R7
72	3-RS63-1000-F0-0S	Resistance_1206_1Ω_1/8W ±1%	2.00	R552 R553
73	3-DHXX-1018-10-0S-7	Diode_ESD_0603_18V_10PF(ICVL10 18100Y500FR)	2.00	ESD13 ESD61
74	3-U0TL-431A-00-0S-7	IC_LR431ATLT1G_SOT-23_LRC	2.00	ZR1 ZR2
75	3-U90C-F386-00-BS	IC_LVDS_DS90CF386_TSSOP56	1.00	IC10
76	3-UNJM-4558-00-9S	NJM4558_SOP8_OP_JRC	1.00	U2
77	3-UNT3-9703-50-00	IC_LCD_NT39703-5_T-CON_18bit_NOVATEK_TQFP6_4pin	1.00	U6
78	3-URT9-1933-3P-00	LDO_RT9193-33GB_300mA/3.3V_SOT23-5_Richtek	2.00	U1 U10
79	3-URT9-293B-GJ-06	IC_ RT9293BGJ6_TSOT-23-6_1MHz	2.00	IC3 IC4
80	3-RS31-270R-F0-0S-1	Resistance 0603 270R 1/16W ±1%	1.00	R92
81	3-RS31-220R-F0-0S	Resistance 0603 220Ω 1/16W ±1%	1.00	R19

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-B324-2370-R1-03	PCB_TF__1.2MM_114*87.6mm_VR1_ 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