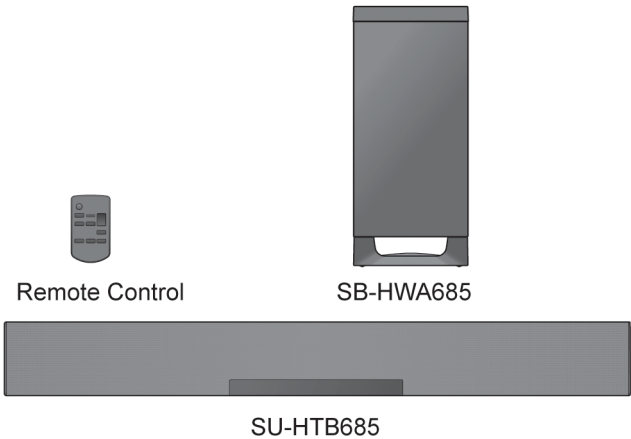


Service Manual

Home Theater Audio System

Model No. **SU-HTB685GN**
SB-HWA685GN
SC-HTB685GN

Product Color: (K)...Black Type



Notes: Please use this manual together with service manual
Model No.[SC-HTB580EGK, SU-HTB580EGK, SB-HWA580EGK Order no. PSG1402007CE].

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by ⚠ in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

TABLE OF CONTENTS

	PAGE		PAGE
1 Safety Precautions -----	3	3 Schematic Diagram -----	7
1.1. Before Repair and Adjustment -----	3	3.1. MAIN (MICON) CIRCUIT (1/2) (For SU-HTB685)-----	7
1.2. Protection Circuitry-----	3	3.2. MAIN (MICON) CIRCUIT (2/2) (For SU-HTB685)-----	8
1.3. Caution For Fuse Replacement-----	3		
1.4. Safety Part Information-----	3		
2 Specifications -----	5		

Panasonic®

© Panasonic Corporation 2016. All rights reserved.
 Unauthorized copying and distribution is a violation of law.

3.3. MAIN (DAMP) CIRCUIT (1/2) (For SU-HTB685)-----	9
3.4. MAIN (DAMP) CIRCUIT (2/2) (For SU-HTB685)-----	10
3.5. MAIN (CONNECTOR) CIRCUIT (For SU-HTB685)-----	11
3.6. BUTTON & TILT SWITCH CIRCUIT (For SU-HTB685)-----	12
3.7. PANEL CIRCUIT (For SU-HTB685)-----	13
3.8. SMPS CIRCUIT (For SU-HTB685)-----	14
4 Printed Circuit Board -----	15
4.1. MAIN P.C.B. (Side A)-----	15
4.2. MAIN P.C.B. (Side B)-----	16
4.3. BUTTON, PANEL & TILT SWITCH P.C.B. -----	17
4.4. SMPS P.C.B. -----	18
5 Exploded View and Replacement Parts List -----	19
5.1. Cabinet Parts Location-1 (SU-HTB685)-----	19
5.2. Cabinet Parts Location-2 (SU-HTB685)-----	20
5.3. Cabinet Parts Location (SB-HWA685)-----	21
5.4. Packaging (SC-HTB685)-----	22
5.5. Mechanical Replacement Parts List-----	23
5.6. Electrical Replacement Parts List-----	25

1 Safety Precautions

1.1. Before Repair and Adjustment

1.1.1. Main Speaker Unit (SU-HTB685)

Disconnect AC power, discharge unit AC Capacitors (C5700, C5701, C5702, C5703, C5704 and C5705) through a 10W, 1W resistor to ground.

Caution : DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for instance), as this may destroy solid state devices. After repairs are completed, restore power gradually using a variac, to avoid overcurrent.

- Current consumption at AC 220 V ~ 240 V, 50 Hz during power on at no signal with volume minimum, should be ~150 mA.

1.1.2. Active Subwoofer (SB-HWA685)

Disconnect AC power, discharge unit AC Capacitors (C5700, C5701, C5702, C5703, C5704 and C5705) through a 10W, 1W resistor to ground.

Caution : DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for instance), as this may destroy solid state devices. After repairs are completed, restore power gradually using a variac, to avoid overcurrent.

- Current consumption at AC 220 V ~ 240 V, 50 Hz during power on at link with volume minimum, (Selector : BD/DVD mode) should be ~200 mA.

1.2. Protection Circuitry

The protection circuitry may have operated if either of the following conditions are noticed:

- No sound is heard when the power is turned on.
- Sound stops during a performance.

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are "shorted", or if speaker systems with an impedance less than the indicated rated impedance of the amplifier are used.

If this occurs, follow the procedure outlines below:

1. Turn off the power.
2. Determine the cause of the problem and correct it.
3. Turn on the power once again after one minute.

Note:

When the protection circuitry functions, the unit will not operate unless the power is first turned off and then on again.

1.3. Caution For Fuse Replacement

CAUTION:

Replace with the same type fuse:

(Manufacturer: SKYGATE, Type: SG SCT, F1, T3.15A 250V)

1.4. Safety Part Information

Safety Parts List:

There are special components used in this equipment which are important for safety.

These parts are marked by ⚠ in the Schematic Diagrams & Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

1.4.1. Main Speaker Unit (SU-HTB685)

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
⚠	15	RGN3656-K	NAME PLATE	
⚠	PCB5	REP5047KA	SMPS P.C.B.	(RTL)
⚠	DZ5701	ERZV10V511CS	ZNR	(E.S.D)
⚠	L5702	G0B922G00004	LINE FILTER	
⚠	L5703	G0B203G00005	LINE FILTER	
⚠	T5701	G4DYA0000573	TRANSFORMER	
⚠	PC5720	B3PBA0000579	PHOTO COUPLER	
⚠	PC5760	B3PBA0000579	PHOTO COUPLER	
⚠	F1	K5G312Y00007	FUSE	
⚠	P5701	K2AA2B000011	AC INLET	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
⚠	R5700	ERJ8GEYJ105V	1M 1/4W	
⚠	R5701	ERJ8GEYJ105V	1M 1/4W	
⚠	R5710	ERJ8GEYJ105V	1M 1/4W	
⚠	C5700	F1BAF102A216	1000pF	
⚠	C5701	F0CAF104A105	0.1uF	
⚠	C5702	F0CAF104A105	0.1uF	
⚠	C5703	F0CAF104A105	0.1uF	
⚠	C5704	F1BAF471A215	470pF	
⚠	C5705	F1BAF471A215	470pF	

1.4.2. Active Subwoofer (SB-HWA685)

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
⚠	67	RGN3657-K	SPEC LABEL	
⚠	PCB4	REP5060CA	SW SMPS P.C.B.	(RTL)
⚠	PCB5	REP5060CA	SW AC INLET P.C.B.	(RTL)
⚠	DZ5701	ERZV10V511CS	ZNR	
⚠	L5702	G0B922G00004	LINE FILTER	
⚠	L5703	G0B922G00004	LINE FILTER	
⚠	T5701	G4DYA0000485	TRANSFORMER	
⚠	PC5720	B3PBA0000579	PHOTO COUPLER	
⚠	PC5760	B3PBA0000579	PHOTO COUPLER	
⚠	F1	K5G312Y00007	FUSE	
⚠	TH5702	D4CAA5R10001	THERMISTOR	
⚠	TH5860	D4CC11040013	THERMISTOR	
⚠	P5701	K2AA2B000011	AC INLET	
⚠	R5700	ERJ8GEYJ105V	1M 1/4W	
⚠	R5701	ERJ8GEYJ105V	1M 1/4W	
⚠	R5710	ERJ8GEYJ105V	1M 1/4W	
⚠	C5700	F1BAF102A216	1000pF	
⚠	C5701	F0CAF104A105	0.1uF	
⚠	C5702	F0CAF104A105	0.1uF	
⚠	C5703	F0CAF104A105	0.1uF	
⚠	C5704	F1BAF471A215	470pF	
⚠	C5705	F1BAF471A215	470pF	

1.4.3. System (SC-HTB685)

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
⚠	A2	K2CJ2YY00101	AC CORD	
⚠	A3	RQT0A97-B	O/I BOOK (En)	

2 Specifications

■ Amplifier Section

RMS output power: Dolby Digital Mode

Front ch (L, R ch)	70 W per channel (6 Ω), 1 kHz, 10% THD
Center ch (C ch)	70 W per channel (6 Ω), 1 kHz, 10% THD
Subwoofer ch	140 W per channel (8 Ω), 100 Hz, 10% THD
Total RMS Dolby Digital mode power	350 W

■ Terminal Section

HDAVI Control	This unit supports "HDAVI Control 5" function.
HDMI AV input (BD/DVD)	1
Input connector	Type A (19 pin)
HDMI AV output (TV (ARC))	1
Output connector	Type A (19 pin)
Digital audio input (TV)	
Optical digital input	Optical terminal
Sampling frequency	32 kHz, 44.1 kHz, 48 kHz 88.2 kHz, 96 kHz (only LPCM)
Audio format	LPCM, Dolby Digital, DTS Sound Surround™
IR Blaster	
Terminal Type	3.5 mm jack
USB Port	For service use only.

■ General

Power consumption	Main Unit: 36 W Active subwoofer: 23 W
--------------------------	---

In standby condition

Main Unit *1

Main Unit (When "BLUETOOTH STANDBY" is "OFF"): Approx. 0.48 W

Main Unit (When "BLUETOOTH STANDBY" is "ON"): Approx. 3 W

Active subwoofer

Power switch off: Approx. 0.25 W
The wireless link is not activated. 1.3 W

Power supply

AC 220 V to 240 V, 50 Hz

Dimensions (W x H x D)

Main Unit

For table top layout	950 mm x 53 mm x 110 mm
For wall mounting layout	950 mm x 110 mm x 57 mm
Active subwoofer	180 mm x 408 mm x 306 mm

Mass (Weight)

Main Unit

For table top layout	Approx. 2.6 kg
For wall mounting layout	Approx. 2.7 kg
Active subwoofer	Approx. 5.0 kg
Operating temperature range	0°C to +40°C
Operating humidity range	20% to 80 % RH (no condensation)

■ Speaker Section

Front speakers (Build-in)

Full range	6.5 cm cone type x 1 /ch
-------------------	--------------------------

Center speaker (Build-in)

Full range	6.5 cm cone type x 1
-------------------	----------------------

Active subwoofer

Woofer	16 cm cone type x 1
---------------	---------------------

■ Wireless section

Wireless module

Frequency Range	2.40335 GHz to 2.47735 GHz
------------------------	----------------------------

Number of channels

38

■ Bluetooth® Section

Bluetooth® system specification

Bluetooth® Ver.2.1+EDR

Wireless equipment classification

Class 2

Supported profiles

A2DP

Operating frequency

2.4 GHz band FH-SS

Operating distance

10 m Line of Sight

- Specifications are subject to change without notice.
- Mass and dimensions are approximate.
- Total harmonic distortion is measured by the digital spectrum analyzer.

*1 When the other connected devices are turned off.

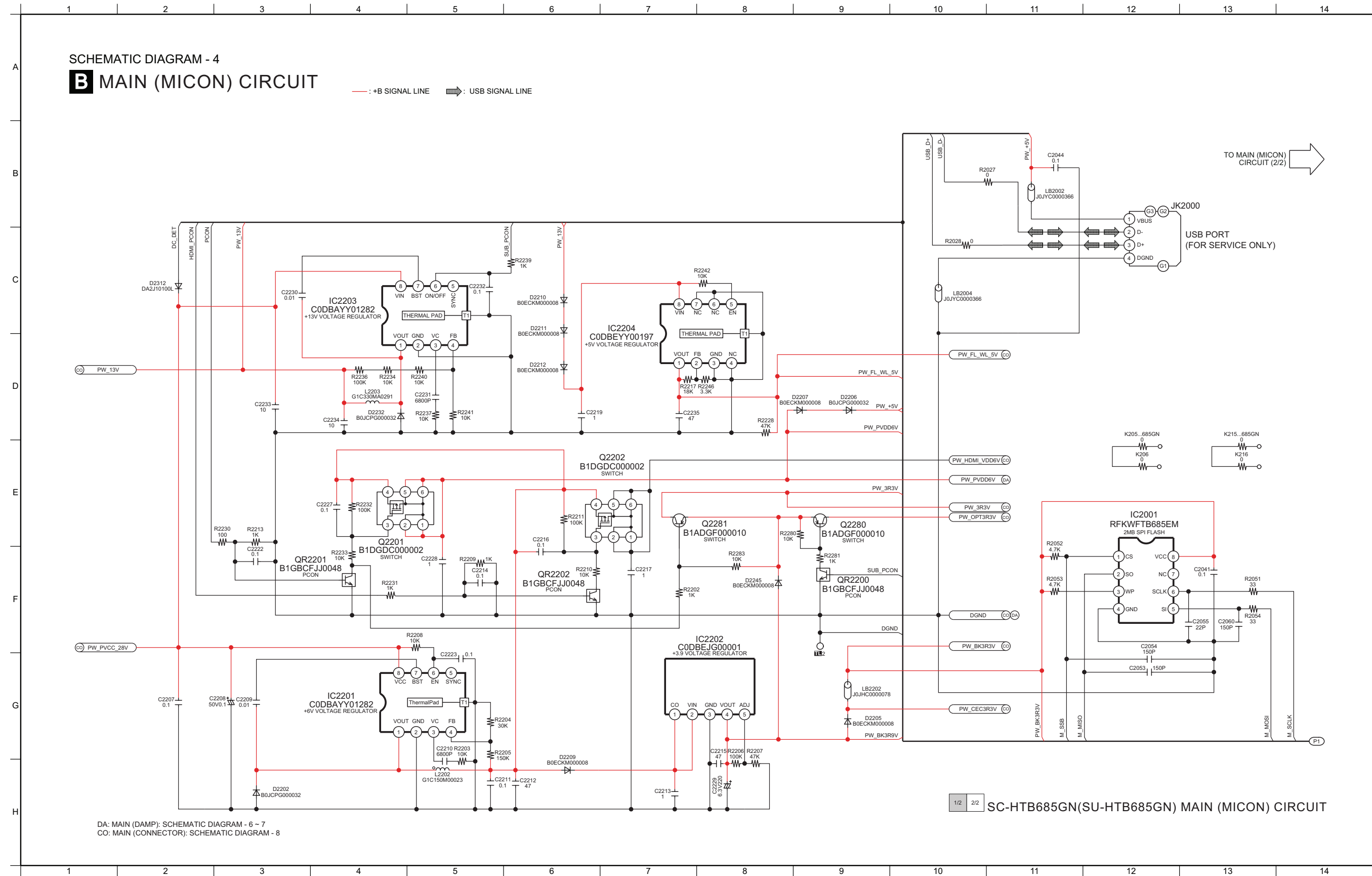
■ System: SC-HTB685GNK

MAIN SPEAKER UNIT : SU-HTB685GNK

ACTIVE SUBWOOFER : SB-HWA685GNK

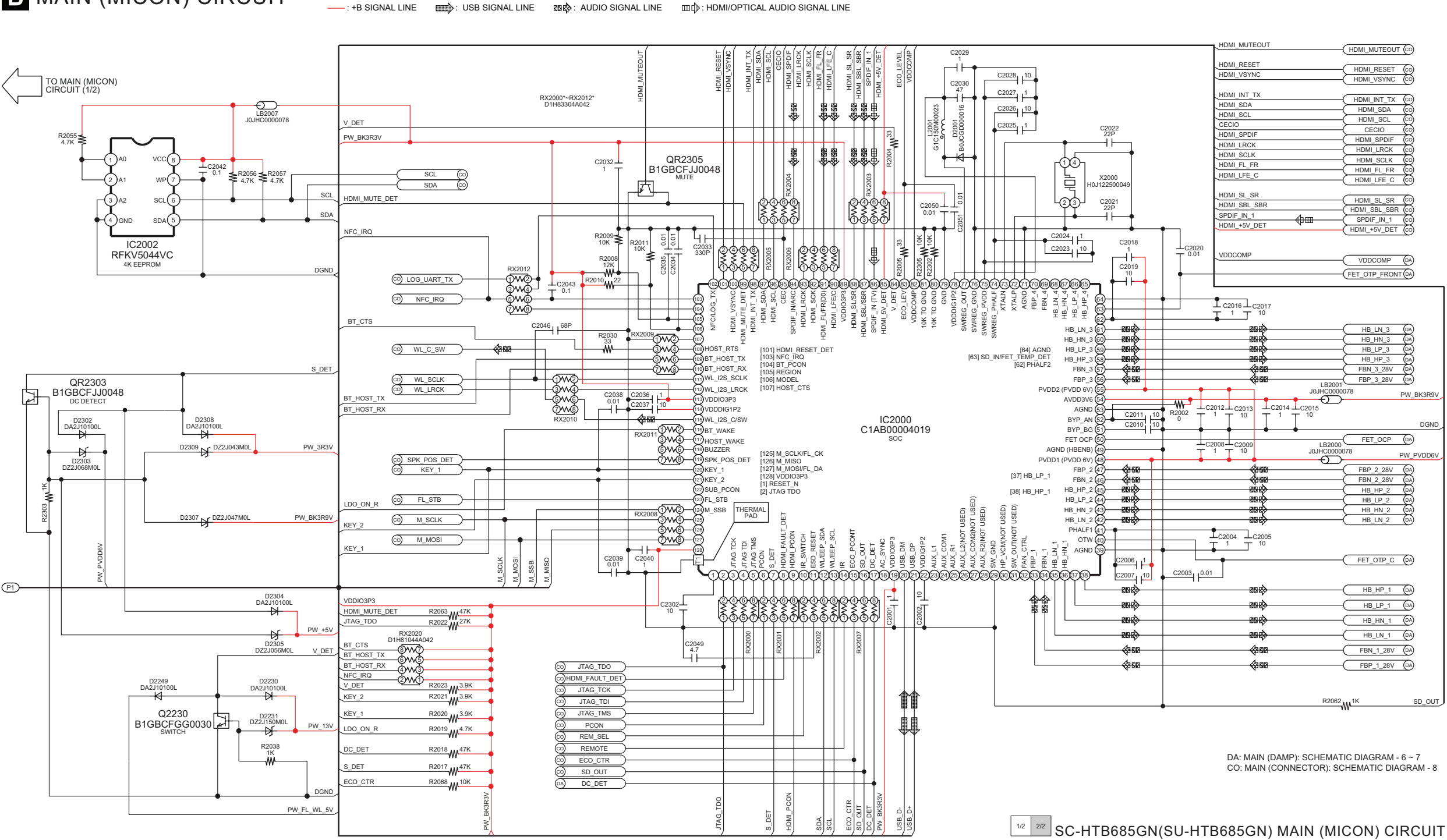
3 Schematic Diagram

3.1. MAIN (MICON) CIRCUIT (1/2) (For SU-HTB685)



3.2. MAIN (MICON) CIRCUIT (2/2) (For SU-HTB685)

SCHEMATIC DIAGRAM - 5
B MAIN (MICON) CIRCUIT

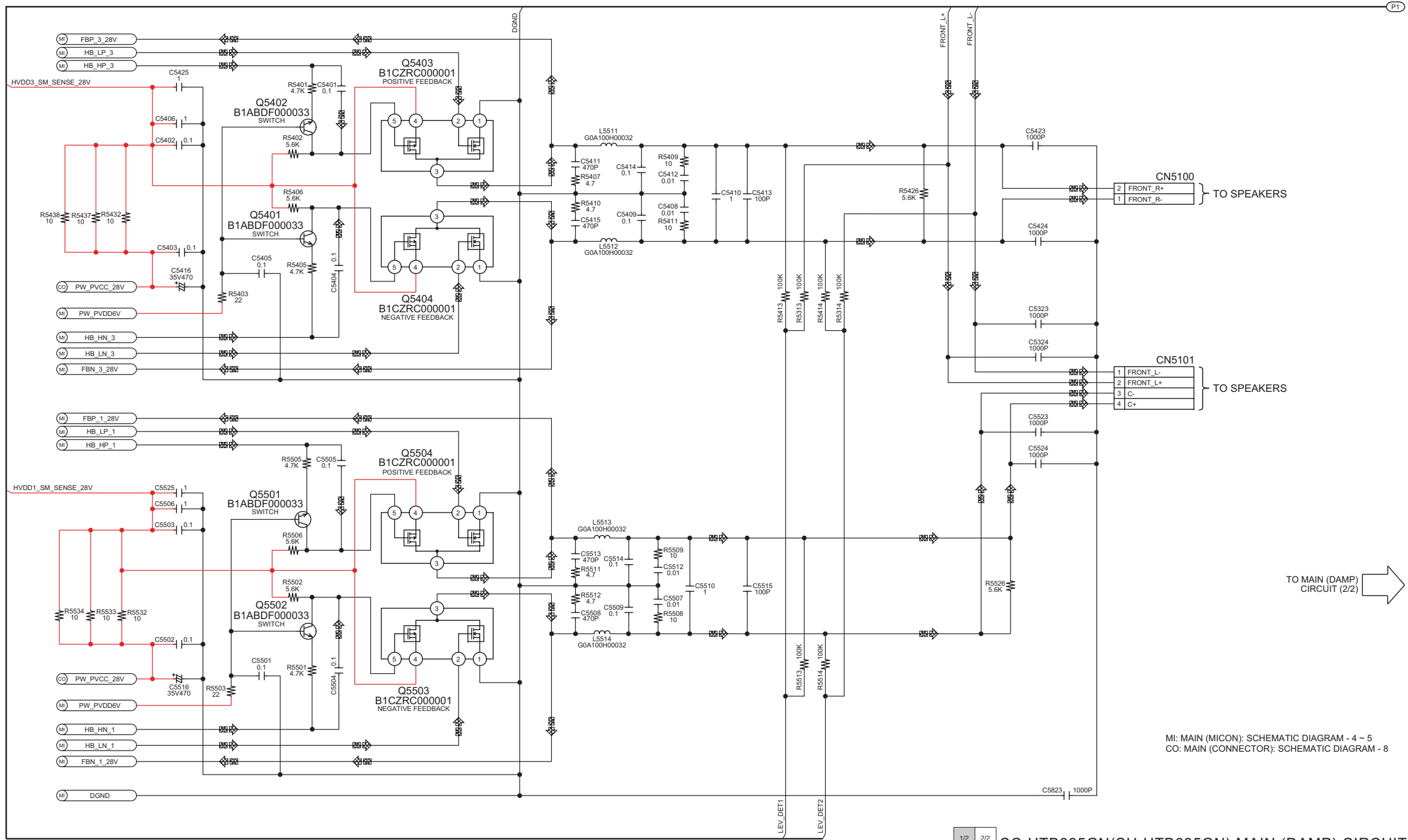


3.3. MAIN (DAMP) CIRCUIT (1/2) (For SU-HTB685)

SCHEMATIC DIAGRAM - 6

B MAIN (DAMP) CIRCUIT

— : +B SIGNAL LINE  : AUDIO SIGNAL LINE



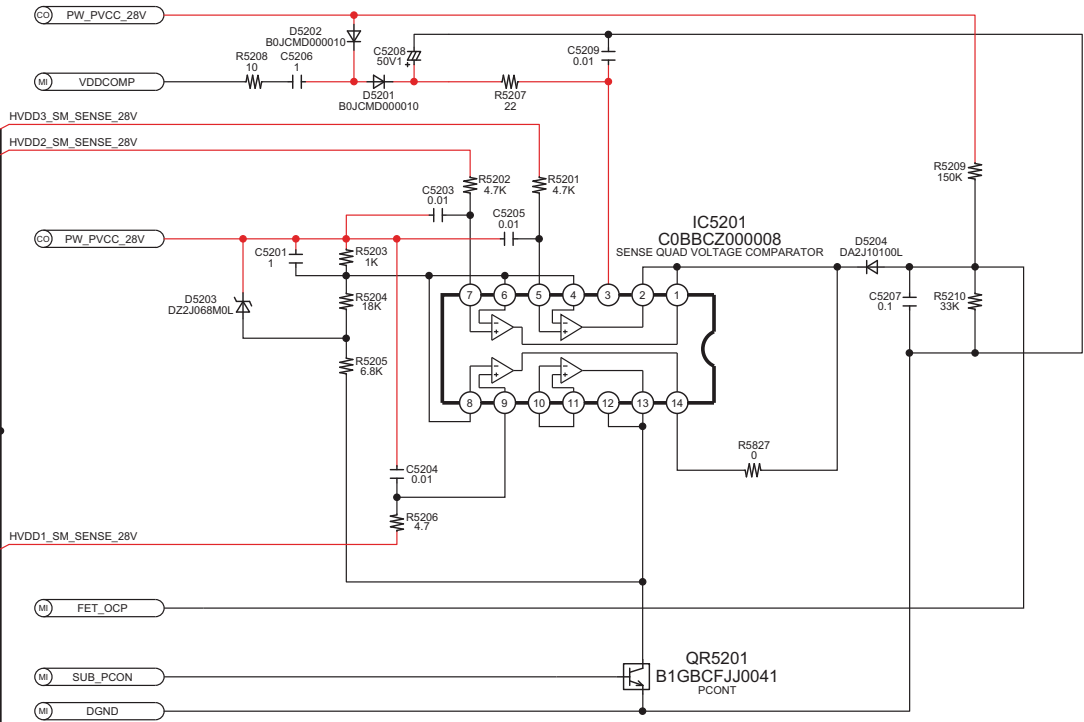
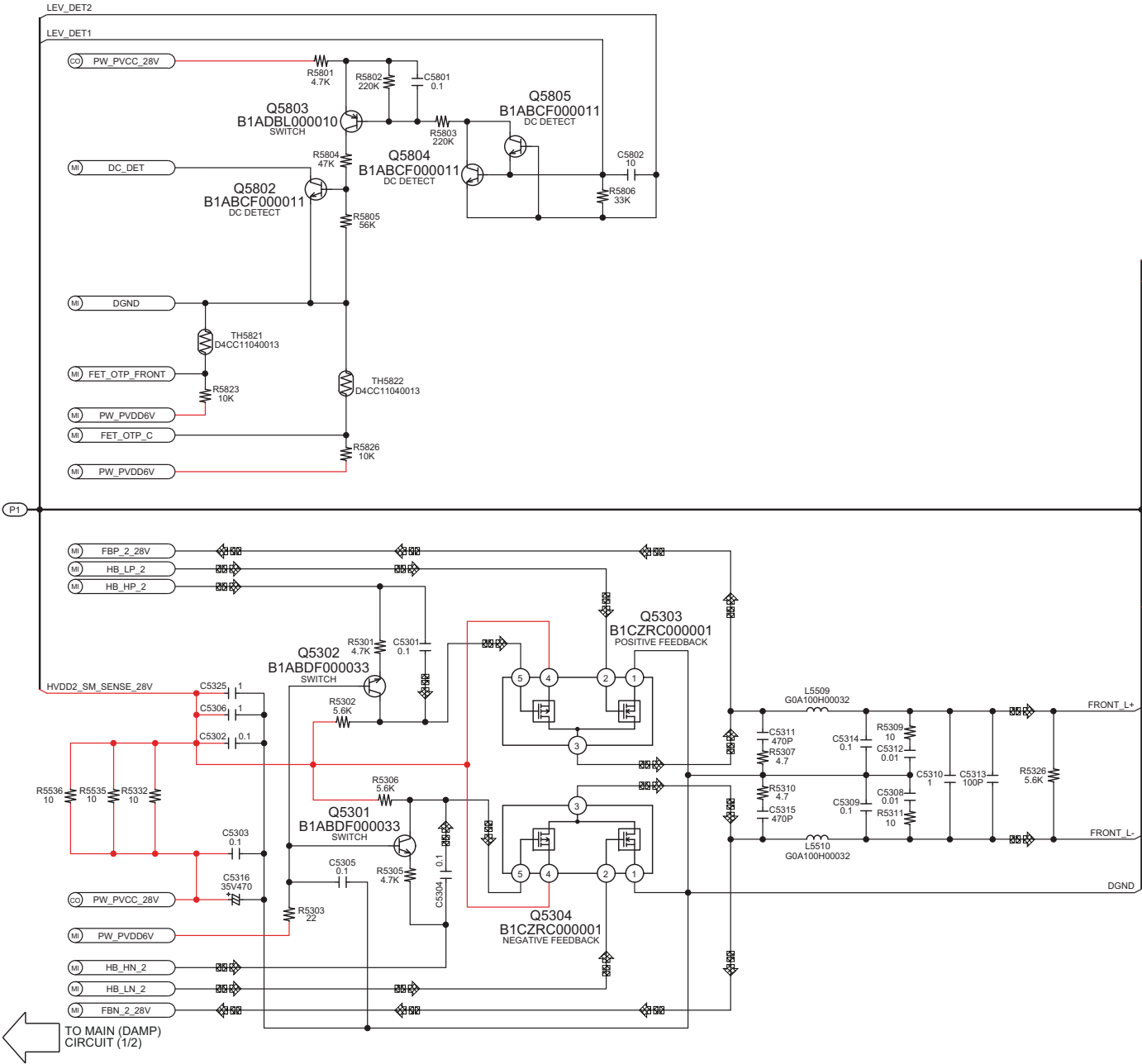
MI: MAIN (MICON); SCHEMATIC DIAGRAM - 4 ~ 5
CO: MAIN (CONNECTOR); SCHEMATIC DIAGRAM - 8

3.4. MAIN (DAMP) CIRCUIT (2/2) (For SU-HTB685)

SCHEMATIC DIAGRAM - 7

B MAIN (DAMP) CIRCUIT

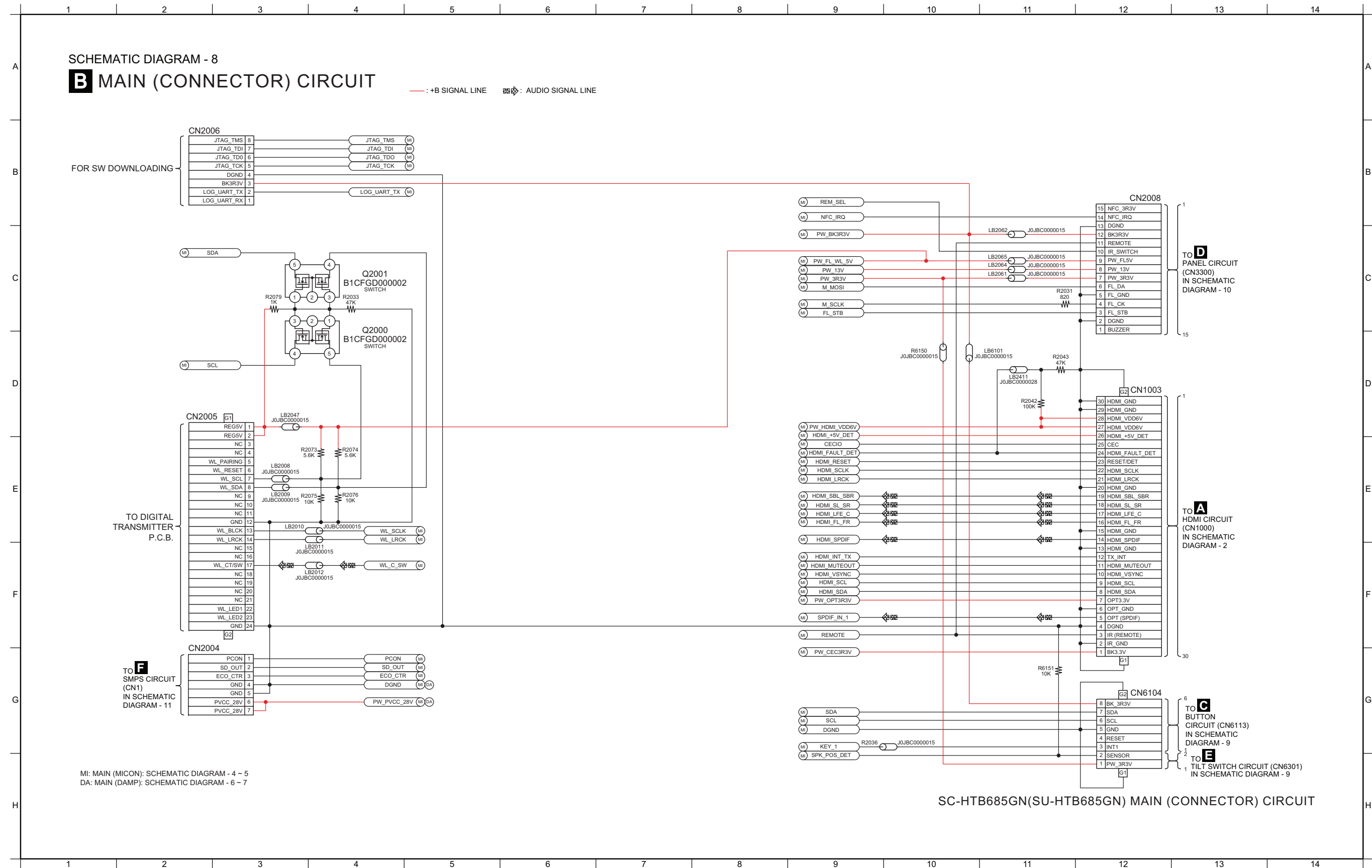
— : +B SIGNAL LINE  : AUDIO SIGNAL LINE



MI: MAIN (MICON): SCHEMATIC DIAGRAM - 4 ~ 5
CO: MAIN (CONNECTOR): SCHEMATIC DIAGRAM - 8

1/2 2/2 SC-HTB685GN(SU-HTB685GN) MAIN (DAMP) CIRCUIT

3.5. MAIN (CONNECTOR) CIRCUIT (For SU-HTB685)

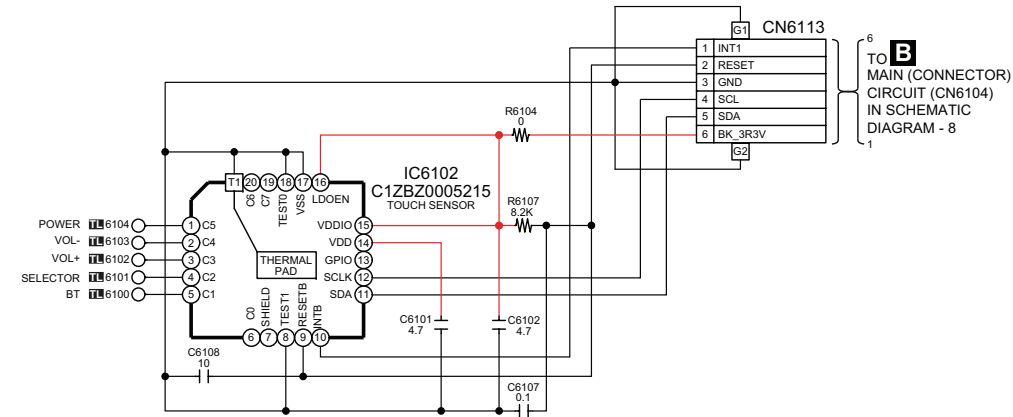


3.6. BUTTON & TILT SWITCH CIRCUIT (For SU-HTB685)

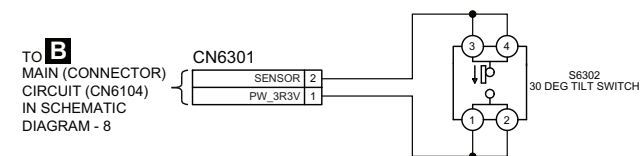
SCHEMATIC DIAGRAM - 9

C BUTTON CIRCUIT

—: +B SIGNAL LINE



E TILT SWITCH CIRCUIT



SC-HTB685GN(SU-HTB685GN) BUTTON / TILT SWITCH CIRCUIT

SCHEMATIC DIAGRAM - 10

D PANEL CIRCUIT

— : +B SIGNAL LINE

TO NFC MODULE

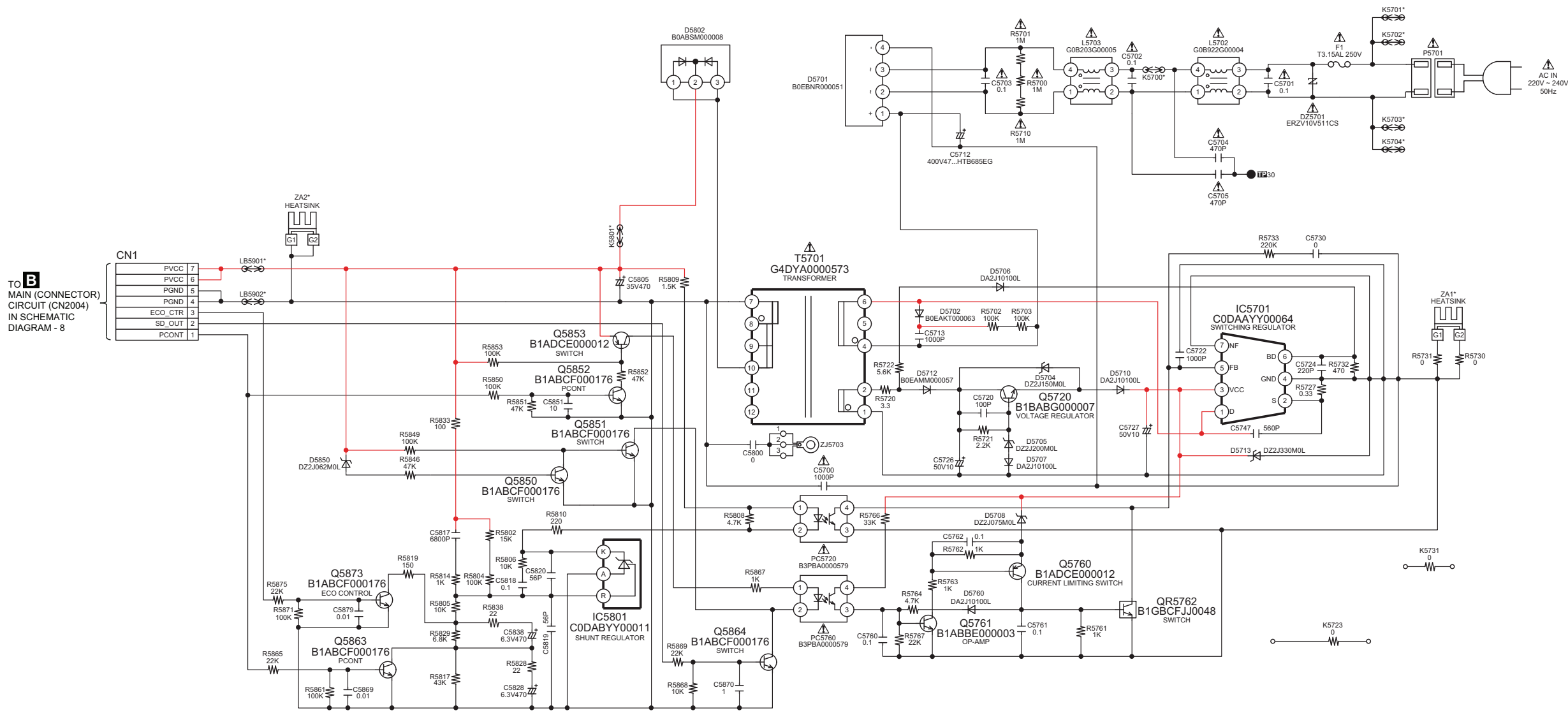
TO MAIN (CONNECTOR) CIRCUIT (CN2008) IN SCHEMATIC DIAGRAM - 8

SC-HTB685GN(SU-HTB685GN) PANEL CIRCUIT

3.8. SMPS CIRCUIT (For SU-HTB685)

SCHEMATIC DIAGRAM - 11
F SMPS CIRCUIT

— : +B SIGNAL LINE

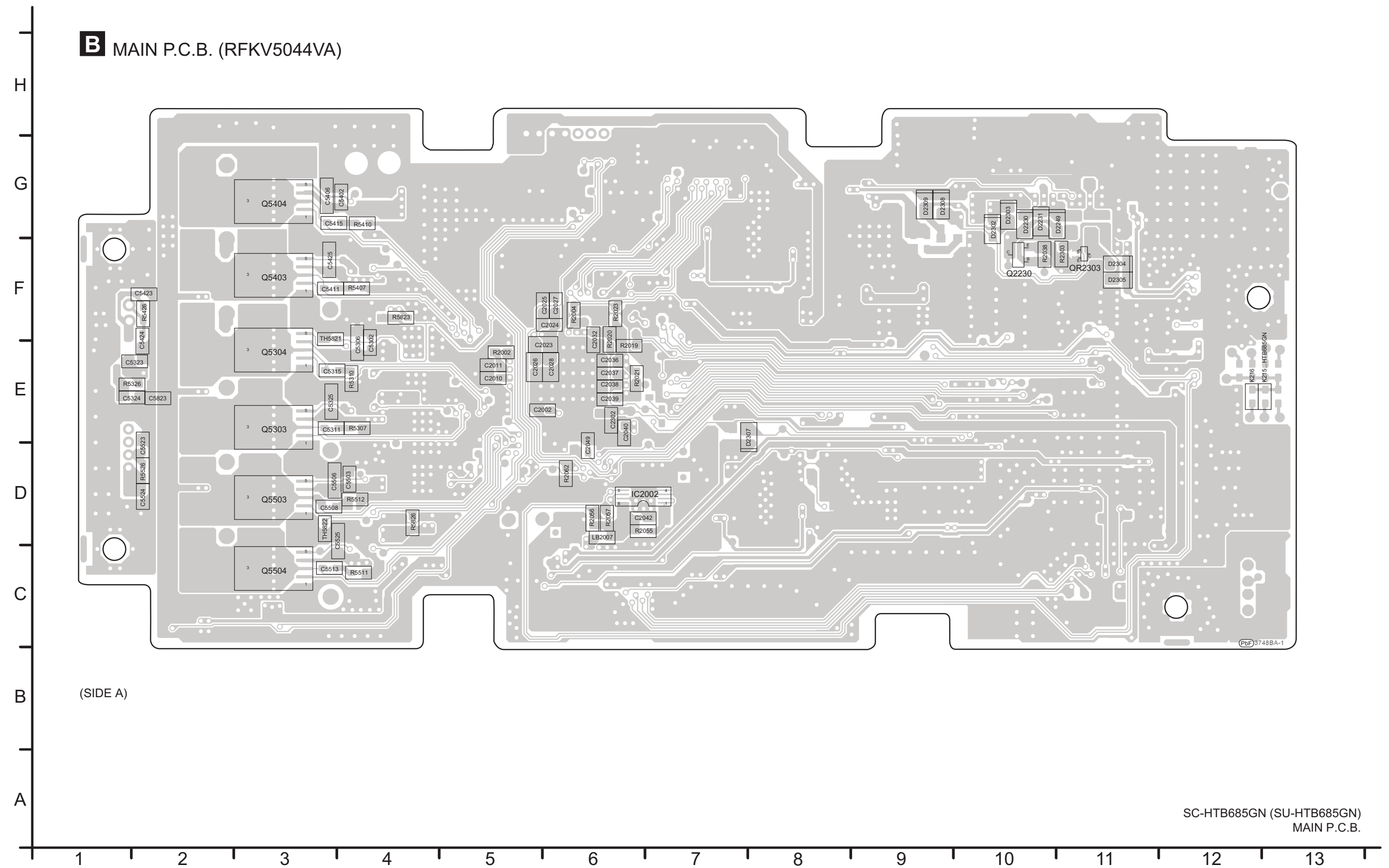


NOTE: " * " REF IS FOR INDICATION ONLY

SC-HTB685GN(SU-HTB685GN) SMPS CIRCUIT

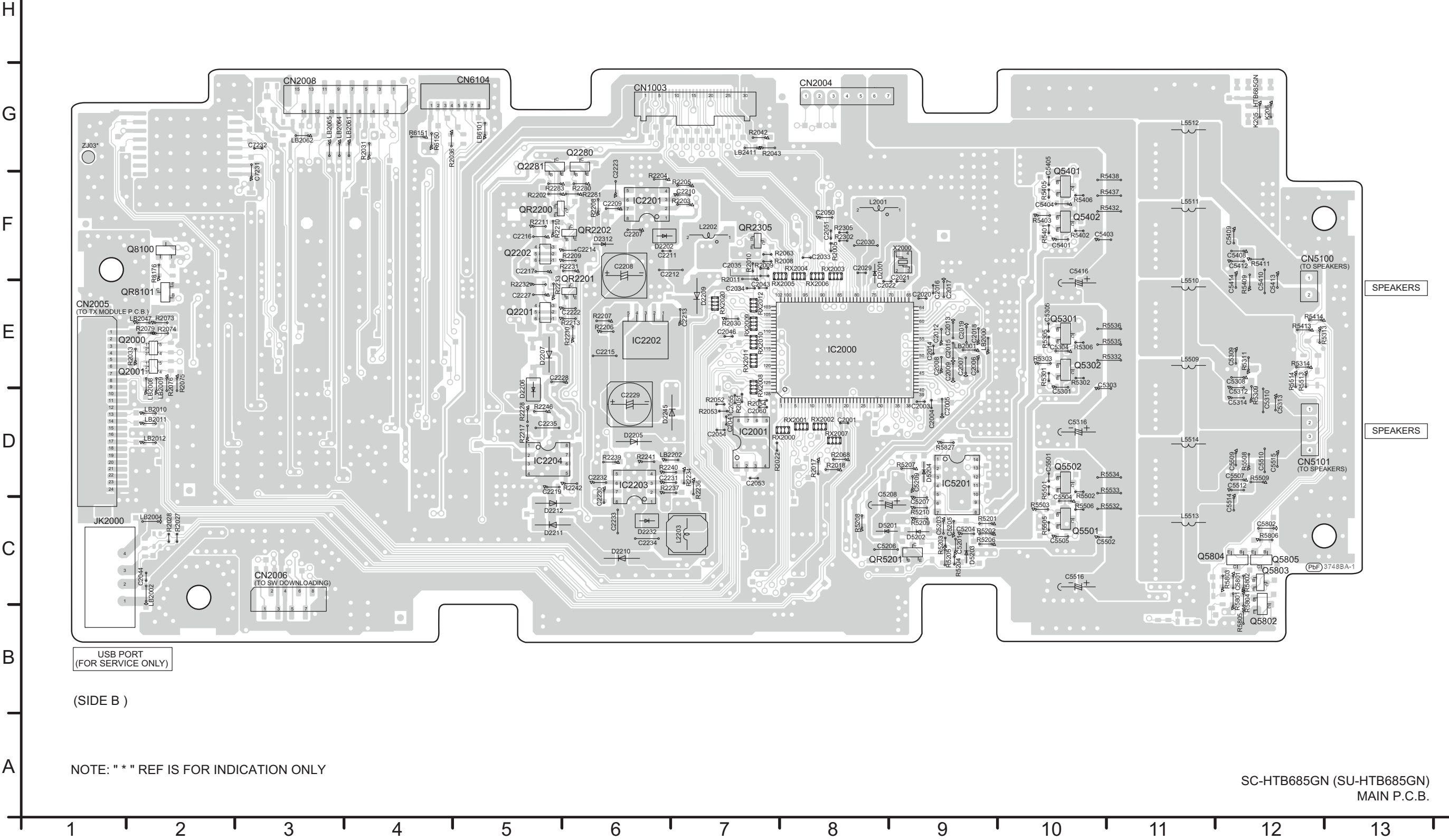
4.1. MAIN P.C.B. (Side A)

B MAIN P.C.B. (RFKV5044VA)



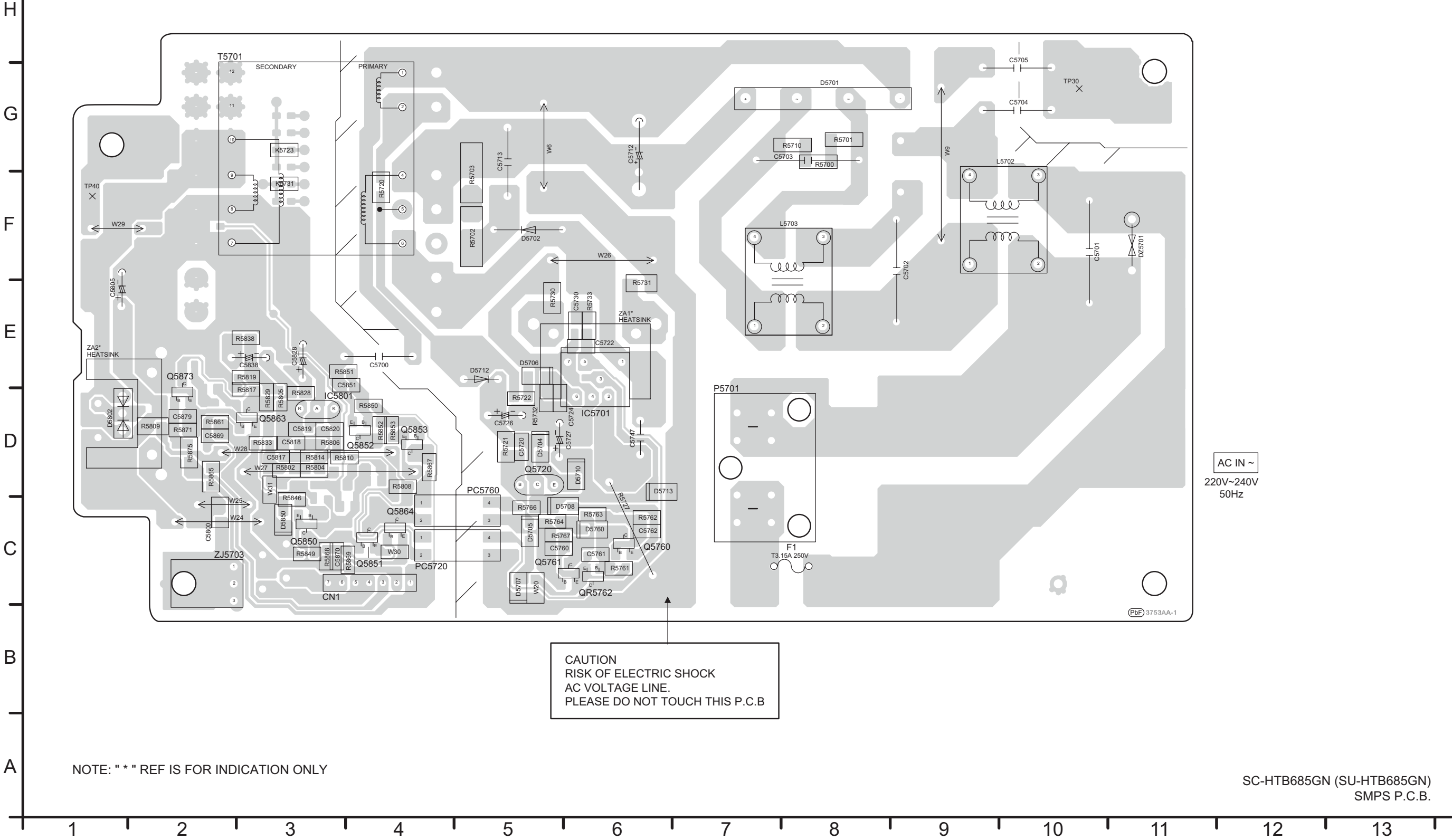
4.2. MAIN P.C.B. (Side B)

B MAIN P.C.B. (RFKV5044VA)



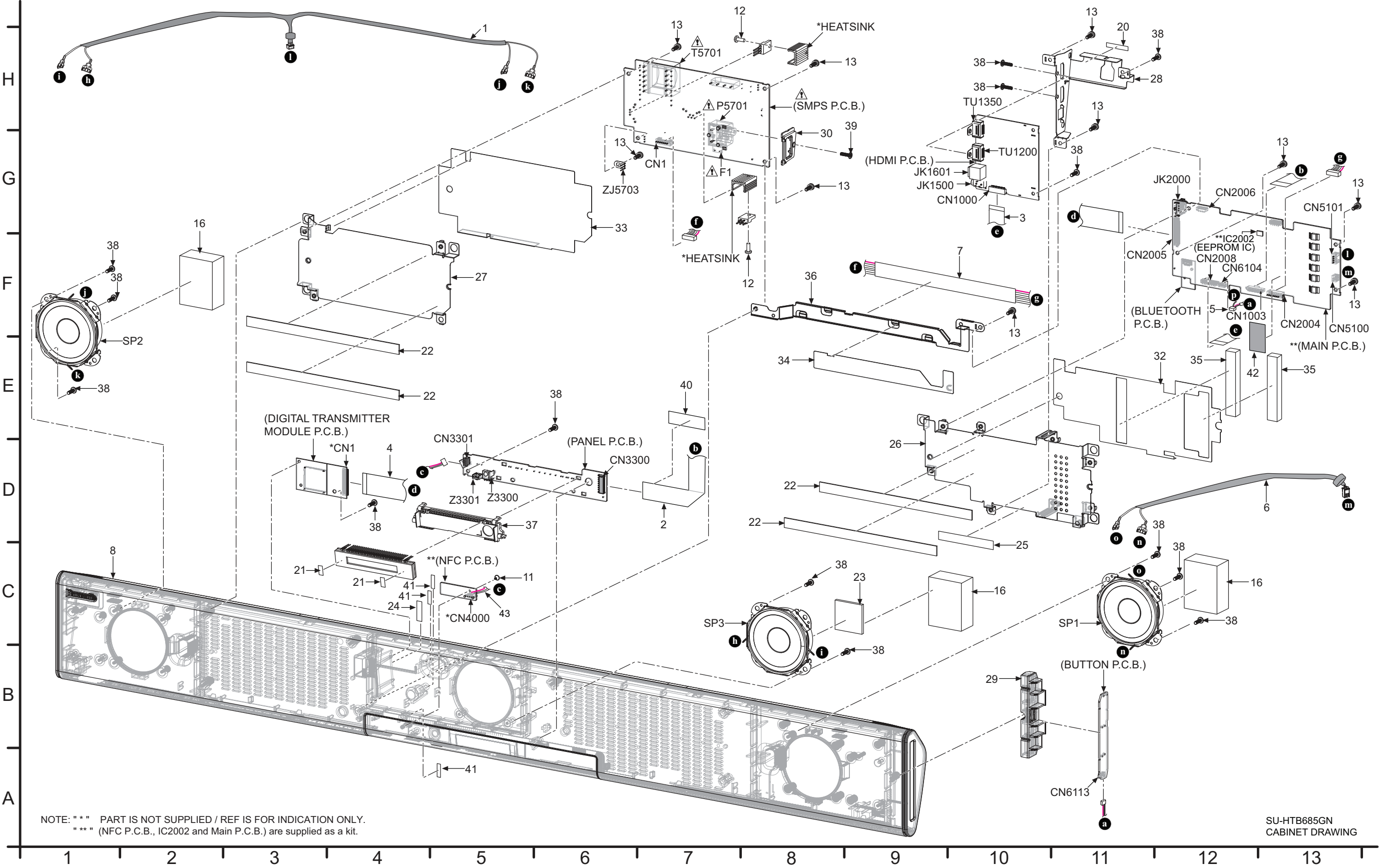
4.4. SMPS P.C.B.

F SMPS P.C.B. (REP5047KA)



5 Exploded View and Replacement Parts List

5.1. Cabinet Parts Location-1 (SU-HTB685)

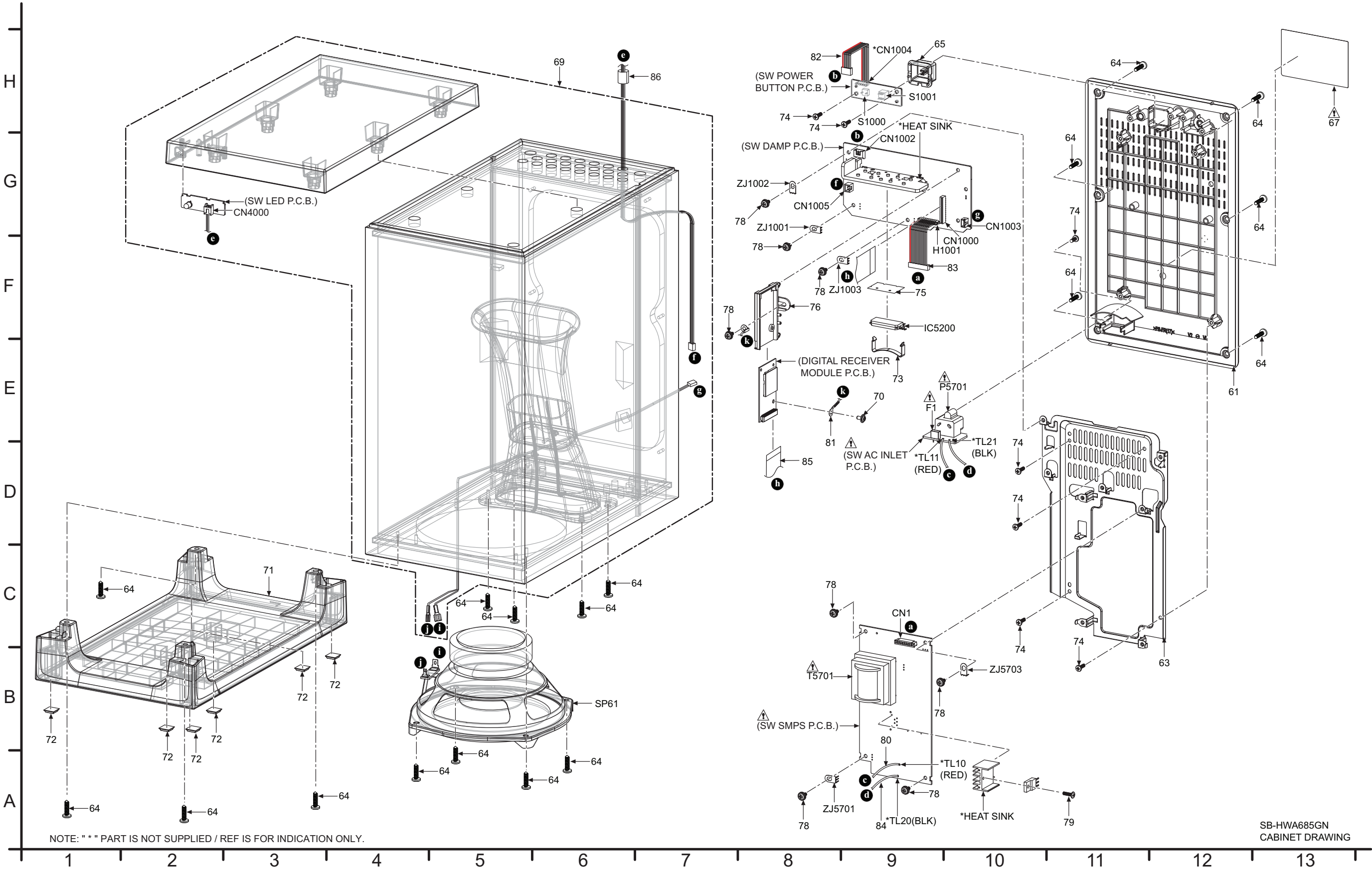


A — B — C — D — E — F — G — H —

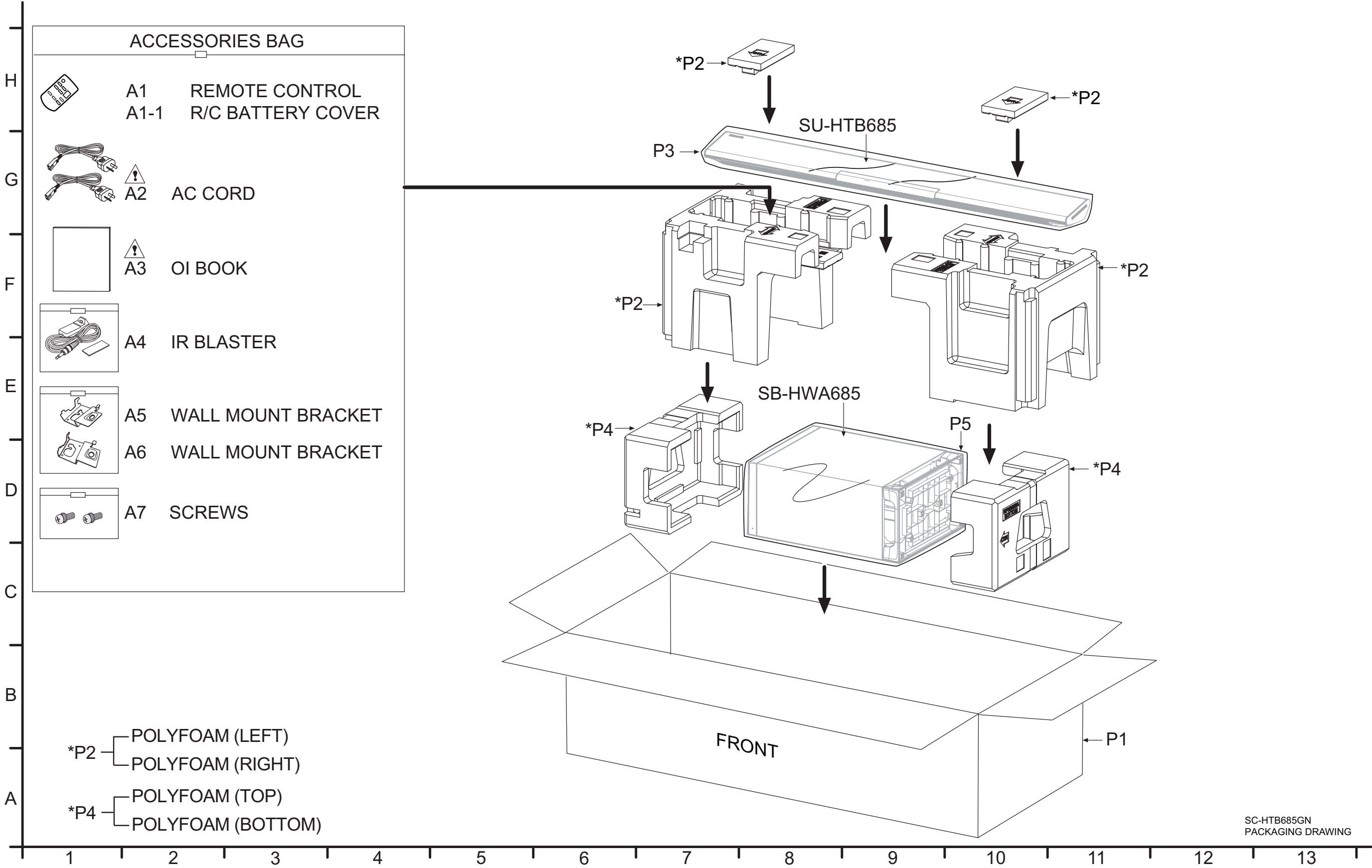


CABINET DRAWING

5.3. Cabinet Parts Location (SB-HWA685)



5.4. Packaging (SC-HTB685)



5.5. Mechanical Replacement Parts List

Important Safety Notice

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Note:

- When replacing any of these components, be sure to use only manufacturer's specified parts shown in the replacement part list.
- The parenthesized indications on the Remarks column specify the destination & product color (Refer to the cover page for the information).
- Parts without these indications shall be used for all areas.
- This product uses a laser diode. Refer to "Precaution of Laser Diode".
- All parts mentioned are supplied by PAVCJM unless indicated likewise.
- Reference for O/I book languages are as follows:

Ar:	Arabic	Du:	Dutch	It:	Italian	Sp:	Spanish
Cf:	Canadian French	En:	English	Ko:	Korean	Sw:	Swedish
Cz:	Czech	Fr:	French	Po:	Polish	Co:	Traditional Chinese
Da:	Danish	Ge:	German	Ru:	Russian	Cn:	Simplified Chinese
Pe:	Persian	Ur:	Ukraine	Pr:	Portuguese	Fi:	Finnish

5.5.1. Main Speaker Unit (SU-HTB685)

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
			CABINET AND CHAS-		
			SIS		
	1	REX1691-1	4P WIRE (MAIN - L&C SPEAKER)	1	
	2	REE1903-1	15P FFC (MAIN - PANEL)	1	
	3	REE1904	30P FFC (MAIN - HDMI)	1	
	4	REE1905-1	24P FFC (MAIN - WIRELESS)	1	
	5	REX1699	8P WIRE (MAIN - TOUCH SENSOR)	1	
	6	REX1692-1	2P WIRE (MAIN - RIGHT SPK)	1	
	7	REX1693-1	7P WIRE (SMPS - MAIN)	1	
	8	RYP1960F-K	FRONT CABINET UNIT	1	
	9	RYP1966-K2	REAR CABINET UNIT	1	
	11	RHD14136	SCREW	1	
	12	RHD30102-1	SCREW	2	
	13	RHDX301002	SCREW	10	
	14	RKA0072-KJ	LEG	4	
	15	RGN3656-K	NAME PLATE	1	
	16	RMF0624	ACOUSTIC ABSORBER	3	
	17	RMF0677	EPT SEALER	3	
	18	RMF0678	EPT SEALER	1	
	19	RMF0679	EPT SEALER	2	
	20	RMF0680	EPT SEALER	2	
	21	RMF0681	EPT SEALER	2	
	22	RMF0682	EPT SEALER	4	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	23	RMF0683	EVA	1	
	24	RMF0684	EPT SEALER	1	
	25	RMF0698	EPT SEALER	1	
	26	RMK0872	MAIN CHASSIS	1	
	27	RMK0873	METAL CHASSIS	1	
	28	RMK0874	HDMI CHASSIS	1	
	29	RMR2145A-K1	BUTTON HOLDER	1	
	30	RMR2146-K	AC INLET HOLDER	1	
	32	RMZ1442	MAIN INSULATOR	1	
	33	RMZ1443	PC SHEET	1	
	34	RMZ1446	PC SHEET	1	
	35	RSC1215	THERMAL ABSORBER	2	
	36	RSC1268	CONNECTING PLATE	1	
	37	RXQ2231	FL HOLDER UNIT	1	
	38	XTB3+10JFJ	SCREW	16	
	39	XTB3+12JFJK	SCREW	19	
	40	RMF0706	EPT SEALER	1	
	41	RMF0708	EPT SEALER	3	
	42	RMZ1494	MAIN PC SHEET	1	
	43	REX1690	3P WIRE (NFC - PANEL)	1	
			SPEAKERS		
	SP1	I0AA06A00103	FULL RANGE SPEAKER UNIT	1	
	SP2	I0AA06A00103	FULL RANGE SPEAKER UNIT	1	
	SP3	I0AA06A00103	FULL RANGE SPEAKER UNIT	1	

5.5.2. Active Subwoofer (SB-HWA685)

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
			CABINET AND CHASSIS		
	61	RYQ1164-K	REAR PANEL ASS'Y	1	
	63	RMK0839	METAL CHASSIS	1	
	64	XTB4+16AFJK	SCREW	18	
	65	RGU2884-K	POWER BUTTON	1	
⚠	67	RGN3657-K	SPEC LABEL	1	
	69	RYQ1444E-K	SPEAKER CABINET ASS'Y	1	
	70	RHD30111-31	SCREW	1	
	71	RGP1648	BOTTOM PANEL	1	
	72	RKA0072-KJ	LEG CUSHION	6	
	73	RMCM0035	HEAT SINK CLIP A	1	
	74	XTB3+10JFJK	SCREW	7	
	75	RMZX0026-1	IC INSULATOR	1	
	76	RMN1047	DIGITAL TRANSMITTER PCB HOLDER	1	
	78	RHDX301005	SCREW	8	
	79	RHD30102-1	SCREW	1	
	80	REX1635	1P RED WIRE (SW SMPS - SW AC INLET)	1	
	81	REE1749-J	1P GROUND WIRE (DIGITAL RECEIVER MODULE - DAMP)	1	
	82	REX1436	4P WIRE (SW POWER BUTTON - SW DAMP)	1	
	83	REX1578	10P WIRE (SW DAMP - SW SMPS)	1	
	84	REX1636	1P BLACK WIRE (SW SMPS - SW AC INLET)	1	
	85	REE1941	24P FFC (SW DAMP - DIGITAL RECEIVER MODULE)	1	
	86	JOKE00000063	FERRITE CORE	1	
			SPEAKER		
	SP61	L0AA16A00063	SUBWOOFER SPEAKER UNIT	1	

5.5.3. Packaging & Accessories (SC-HTB685)

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
			PACKING MATERIALS		
	P1	RPG0T45	PACKING CASE	1	
	P2	RPN2621-2	POLYFOAM	1	
	P3	RPF0655	MIRAMAT BAG	1	
	P4	RPN2622	POLYFOAM (HWA)	1	
	P5	RPF0588A	MIRAMAT (HWA)	1	
			ACCESSORIES		
	A1	N2QAYC000098	REMOTE CONTROL	1	
	A1-1	RKK-HTB10GNK	R/C BATTERY COVER	1	
⚠	A2	K2CJ2YY00101	AC CORD	2	
⚠	A3	RQT0A97-B	O/I BOOK (En)	1	
	A4	K2ZZ02C00007	IR BLASTER	1	
	A5	RMQ2281A	WALL MOUNT BRACKET	1	
	A6	RMQ2281B	WALL MOUNT BRACKET	1	
	A7	XYN5+J14FJK	SCREW	2	

5.6. Electrical Replacement Parts List

Important Safety Notice

Components identified by Δ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Note:

- When replacing any of these components, be sure to use only manufacturer's specified parts shown in the replacement part list.
- The parenthesized indications on the Remarks column specify the destination & product color (Refer to the cover page for the information).
- Parts without these indications shall be used for all areas.
- Capacitor value are in microfarads (uF) unless specified otherwise, P=Pico-farads (pF), F=Farads.
- Resistance values are in ohms, unless specified otherwise, 1K=1000 (OHM).
- All parts mentioned are supplied by PAVCJM unless indicated likewise.
- Parts mentioned [SPG] in the Remarks column are supplied by JAPAN.

E.S.D. standards for Electrostatically Sensitive Devices, refer to "PREVENTION OF ELECTROSTATIC DISCHARGE (ESD) TO ELECTROSTATIC SENSITIVE (ES) DEVICES" section.

5.6.1. Main Unit (SU-HTB685)

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
			PRINTED CIRCUITS BOARDS		
	PCB1	REP4868D	HDMI P.C.B.	1	(RTL)
	PCB2	RFKV5044VA	MAIN P.C.B.	1	(RTL)
	PCB3	REP5044VB	BUTTON P.C.B.	1	(RTL)
	PCB4	RFKV5044VC	NFC KIT ASS'Y	1	
Δ	PCB5	REP5047KA	SMPS P.C.B.	1	(RTL)
	PCB7	REP5047KB	PANEL P.C.B.	1	(RTL)
	PCB8	REP5047KC	TILT SWITCH P.C.B.	1	(RTL)
	PCB10	REP4864A	DIGITAL TRANS-MITTER MODULE P.C.B.	1	
			INTEGRATED CIRCUITS		
	IC1000	C1AB00004020	IC	1	(E.S.D)
	IC1100	C0DBEY00175	IC	1	(E.S.D)
	IC1101	C0DBEY00175	IC	1	(E.S.D)
	IC1200	C0CBCDD00004	IC	1	(E.S.D)
	IC1501	C0JBAC000220	IC	1	(E.S.D)
	IC2000	C1AB00004019	IC	1	(E.S.D)
	IC2001	RFKWFTB685EM	IC	1	(E.S.D)
	IC2002	RFKV5044VC	NFC KIT ASS'Y	1	(E.S.D)
	IC2201	C0DBAY01282	IC	1	(E.S.D)
	IC2202	C0DBEJG00001	IC	1	(E.S.D)
	IC2203	C0DBAY01282	IC	1	(E.S.D)
	IC2204	C0DBEY00197	IC	1	(E.S.D)
	IC3300	C0JBAR000606	IC	1	(E.S.D)
	IC3301	C0JBAC000363	IC	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	IC3302	C0JBAC000363	IC	1	(E.S.D)
	IC5201	C0BBCZ000008	IC	1	(E.S.D)
	IC5701	C0DAAY00064	IC	1	(E.S.D)
	IC5801	C0DABY00011	IC	1	(E.S.D)
	IC6102	C1ZBZ0005215	IC	1	(E.S.D)
	IC8005	RSNE031B0	BLUETOOTH P.C.B.	1	(E.S.D)
			TRANSISTORS		
	Q1103	B1GBCFJJ0048	TRANSISTOR	1	(E.S.D)
	Q1200	B1CFGD000002	TRANSISTOR	1	(E.S.D)
	Q1500	B1ABMF000020	TRANSISTOR	1	(E.S.D)
	Q2000	B1CFGD000002	TRANSISTOR	1	(E.S.D)
	Q2001	B1CFGD000002	TRANSISTOR	1	(E.S.D)
	Q2201	B1DGDC000002	TRANSISTOR	1	(E.S.D)
	Q2202	B1DGDC000002	TRANSISTOR	1	(E.S.D)
	Q2230	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	Q2280	B1ADGF000010	TRANSISTOR	1	(E.S.D)
	Q2281	B1ADGF000010	TRANSISTOR	1	(E.S.D)
	Q3300	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q3301	B1ADCE000012	TRANSISTOR	1	(E.S.D)
	Q3302	B1CFGD000002	TRANSISTOR	1	(E.S.D)
	Q3303	B1CFGD000002	TRANSISTOR	1	(E.S.D)
	Q3380	B1ABBE000003	TRANSISTOR	1	(E.S.D)
	Q5301	B1ABDF000033	TRANSISTOR	1	(E.S.D)
	Q5302	B1ABDF000033	TRANSISTOR	1	(E.S.D)
	Q5303	B1CZRC000001	TRANSISTOR	1	(E.S.D)
	Q5304	B1CZRC000001	TRANSISTOR	1	(E.S.D)
	Q5401	B1ABDF000033	TRANSISTOR	1	(E.S.D)
	Q5402	B1ABDF000033	TRANSISTOR	1	(E.S.D)
	Q5403	B1CZRC000001	TRANSISTOR	1	(E.S.D)
	Q5404	B1CZRC000001	TRANSISTOR	1	(E.S.D)
	Q5501	B1ABDF000033	TRANSISTOR	1	(E.S.D)
	Q5502	B1ABDF000033	TRANSISTOR	1	(E.S.D)
	Q5503	B1CZRC000001	TRANSISTOR	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	Q5504	B1CZRC000001	TRANSISTOR	1	(E.S.D)
	Q5720	B1BAG000007	TRANSISTOR	1	(E.S.D)
	Q5760	B1ADCE000012	TRANSISTOR	1	(E.S.D)
	Q5761	B1ABBE000003	TRANSISTOR	1	(E.S.D)
	Q5802	B1ABCF000011	TRANSISTOR	1	(E.S.D)
	Q5803	B1ADBL000010	TRANSISTOR	1	(E.S.D)
	Q5804	B1ABCF000011	TRANSISTOR	1	(E.S.D)
	Q5805	B1ABCF000011	TRANSISTOR	1	(E.S.D)
	Q5850	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q5851	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q5852	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q5853	B1ADCE000012	TRANSISTOR	1	(E.S.D)
	Q5863	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q5864	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q5873	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q8100	B1ADCE000012	TRANSISTOR	1	(E.S.D)
	QR2200	B1GBCFJJ0048	TRANSISTOR	1	(E.S.D)
	QR2201	B1GBCFJJ0048	TRANSISTOR	1	(E.S.D)
	QR2202	B1GBCFJJ0048	TRANSISTOR	1	(E.S.D)
	QR2303	B1GBCFJJ0048	TRANSISTOR	1	(E.S.D)
	QR2305	B1GBCFJJ0048	TRANSISTOR	1	(E.S.D)
	QR5201	B1GBCFJJ0041	TRANSISTOR	1	(E.S.D)
	QR5762	B1GBCFJJ0048	TRANSISTOR	1	(E.S.D)
	QR8101	B1GBCFJJ0051	TRANSISTOR	1	(E.S.D)
			DIODES		
	D1100	B0ECKM000008	DIODE	1	(E.S.D)
	D1101	B0ECKM000008	DIODE	1	(E.S.D)
	D1102	DZ2J068M0L	DIODE	1	(E.S.D)
	D1103	DZ2J039M0L	DIODE	1	(E.S.D)
	D1106	DA2J10100L	DIODE	1	(E.S.D)
	D2001	B0JCGD000016	DIODE	1	(E.S.D)
	D2202	B0JCPG000032	DIODE	1	(E.S.D)
	D2205	B0ECKM000008	DIODE	1	(E.S.D)
	D2206	B0JCPG000032	DIODE	1	(E.S.D)
	D2207	B0ECKM000008	DIODE	1	(E.S.D)
	D2209	B0ECKM000008	DIODE	1	(E.S.D)
	D2210	B0ECKM000008	DIODE	1	(E.S.D)
	D2211	B0ECKM000008	DIODE	1	(E.S.D)
	D2212	B0ECKM000008	DIODE	1	(E.S.D)
	D2230	DA2J10100L	DIODE	1	(E.S.D)
	D2231	DZ2J150M0L	DIODE	1	(E.S.D)
	D2232	B0JCPG000032	DIODE	1	(E.S.D)
	D2245	B0ECKM000008	DIODE	1	(E.S.D)
	D2249	DA2J10100L	DIODE	1	(E.S.D)
	D2302	DA2J10100L	DIODE	1	(E.S.D)
	D2303	DZ2J068M0L	DIODE	1	(E.S.D)
	D2304	DA2J10100L	DIODE	1	(E.S.D)
	D2305	DZ2J056M0L	DIODE	1	(E.S.D)
	D2307	DZ2J047M0L	DIODE	1	(E.S.D)
	D2308	DA2J10100L	DIODE	1	(E.S.D)
	D2309	DZ2J043M0L	DIODE	1	(E.S.D)
	D2312	DA2J10100L	DIODE	1	(E.S.D)
	D2304	DZ2J051M0L	DIODE	1	(E.S.D)
	D3306	B0ADHD000009	DIODE	1	(E.S.D)
	D3307	B0ADHD000009	DIODE	1	(E.S.D)
	D3308	DZ2J330M0L	DIODE	1	(E.S.D)
	D3309	DA2J10100L	DIODE	1	(E.S.D)
	D5201	B0JCMD000010	DIODE	1	(E.S.D)
	D5202	B0JCMD000010	DIODE	1	(E.S.D)
	D5203	DZ2J068M0L	DIODE	1	(E.S.D)
	D5204	DA2J10100L	DIODE	1	(E.S.D)
	D5701	B0EBNR000051	DIODE	1	(E.S.D)
	D5702	B0EAKT000063	DIODE	1	(E.S.D)
	D5704	DZ2J150M0L	DIODE	1	(E.S.D)
	D5705	DZ2J200M0L	DIODE	1	(E.S.D)
	D5706	DA2J10100L	DIODE	1	(E.S.D)
	D5707	DA2J10100L	DIODE	1	(E.S.D)
	D5708	DZ2J075M0L	DIODE	1	(E.S.D)
	D5710	DA2J10100L	DIODE	1	(E.S.D)
	D5712	B0EAMM000057	DIODE	1	(E.S.D)
	D5713	DZ2J330M0L	DIODE	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	D5760	DA2J10100L	DIODE	1	(E.S.D)
	D5802	B0ABSM000008	DIODE	1	(E.S.D)
	D5850	DZ2J062M0L	DIODE	1	(E.S.D)
⚠	DZ5701	ERZV10V511CS	ZNR	1	(E.S.D)
			SWITCHES		
	S6302	K0L1BA000078	SW 30 DEG TILT	1	
			CONNECTORS		
	CN1	K1KA07AA0193	7P CONNECTOR	1	
	CN1000	K1MN30BA0173	30P CONNECTOR	1	
	CN1003	K1MN30AA0082	30P CONNECTOR	1	
	CN2004	K1KA07AA0193	7P CONNECTOR	1	
	CN2005	K1MN24BA0147	24P CONNECTOR	1	
	CN2006	K1MN08AA0046	8P CONNECTOR	1	
	CN2008	K1MN15AA0046	15P CONNECTOR	1	
	CN3300	K1MN15B00014	15P CONNECTOR	1	
	CN3301	K1KA03BA0061	3P CONNECTOR	1	
	CN5100	K1KA02AA0186	2P CONNECTOR	1	
	CN5101	K1KA04AA0193	4P CONNECTOR	1	
	CN6104	K1KA08AA0051	8P CONNECTOR	1	
	CN6113	K1KA06BA0014	6P CONNECTOR	1	
	CN6301	K1KA02BA0061	2P CONNECTOR	1	
	TU1200	K1FY119E0073	CONNECTOR	1	
	TU1350	K1FY119E0073	CONNECTOR	1	
			COILS AND INDUC-TORS		
	L1100	G1C100MA0203	INDUCTOR	1	
	L1200	J0ZZB0000148	FILTER	1	
	L1201	J0ZZB0000148	FILTER	1	
	L1350	J0ZZB0000148	FILTER	1	
	L1351	J0ZZB0000148	FILTER	1	
	L2001	G1C150M00023	INDUCTOR	1	
	L2202	G1C150M00023	INDUCTOR	1	
	L2203	G1C330MA0291	INDUCTOR	1	
	L5509	G0A100H00032	CHOKE COIL	1	
	L5510	G0A100H00032	CHOKE COIL	1	
	L5511	G0A100H00032	CHOKE COIL	1	
	L5512	G0A100H00032	CHOKE COIL	1	
	L5513	G0A100H00032	CHOKE COIL	1	
	L5514	G0A100H00032	CHOKE COIL	1	
⚠	L5702	G0B922G00004	LINE FILTER	1	
⚠	L5703	G0B203G00005	LINE FILTER	1	
	LB1009	J0JHC0000078	INDUCTOR	1	
	LB1017	J0JHC0000078	INDUCTOR	1	
	LB1026	J0JHC0000078	INDUCTOR	1	
	LB1027	J0JHC0000078	INDUCTOR	1	
	LB1100	J0JHC0000078	INDUCTOR	1	
	LB1101	J0JHC0000078	INDUCTOR	1	
	LB1103	J0JYC0000366	INDUCTOR	1	
	LB1104	J0JYC0000366	INDUCTOR	1	
	LB1200	J0JCC0000042	INDUCTOR	1	
	LB1201	J0JCC0000042	INDUCTOR	1	
	LB1202	J0JCC0000042	INDUCTOR	1	
	LB1203	J0JCC0000042	INDUCTOR	1	
	LB1204	J0JCC0000042	INDUCTOR	1	
	LB1350	J0JCC0000042	INDUCTOR	1	
	LB1351	J0JCC0000042	INDUCTOR	1	
	LB1352	J0JCC0000042	INDUCTOR	1	
	LB1353	J0JCC0000042	INDUCTOR	1	
	LB1500	J0JHC0000078	INDUCTOR	1	
	LB1501	J0JCC0000308	INDUCTOR	1	
	LB1502	J0JBC0000015	INDUCTOR	1	
	LB1600	J0JBC0000014	INDUCTOR	1	
	LB2000	J0JHC0000078	INDUCTOR	1	
	LB2001	J0JHC0000078	INDUCTOR	1	
	LB2002	J0JYC0000366	INDUCTOR	1	
	LB2004	J0JYC0000366	INDUCTOR	1	
	LB2007	J0JHC0000078	INDUCTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	LB2008	J0JBC0000015	INDUCTOR	1	
	LB2009	J0JBC0000015	INDUCTOR	1	
	LB2010	J0JBC0000015	INDUCTOR	1	
	LB2011	J0JBC0000015	INDUCTOR	1	
	LB2012	J0JBC0000015	INDUCTOR	1	
	LB2047	J0JBC0000015	INDUCTOR	1	
	LB2061	J0JBC0000015	INDUCTOR	1	
	LB2062	J0JBC0000015	INDUCTOR	1	
	LB2064	J0JBC0000015	INDUCTOR	1	
	LB2065	J0JBC0000015	INDUCTOR	1	
	LB2202	J0JHC0000078	INDUCTOR	1	
	LB2411	J0JBC0000028	INDUCTOR	1	
	LB3301	J0JHC0000107	INDUCTOR	1	
	LB3302	J0JHC0000107	INDUCTOR	1	
	LB3303	J0JHC0000107	INDUCTOR	1	
	LB3380	J0JHC0000107	INDUCTOR	1	
	LB4015	J0JHC0000107	INDUCTOR	1	
	LB6101	J0JBC0000015	INDUCTOR	1	
	R2036	J0JBC0000015	INDUCTOR	1	
	R6150	J0JBC0000015	INDUCTOR	1	
			TRANSFORMERS		
⚠	T5701	G4DYA0000573	TRANSFORMER	1	
			REMOTE SENSOR		
	Z3300	B3RAB0000109	REMOTE SENSOR	1	
	Z3301	B3RAD0000209	REMOTE SENSOR	1	
			BUZZER		
	BZ3301	L0DCCA000012	BUZZER	1	
			COMPONENT COMBI-NATION		
	ZJ5703	K4CZ01000027	TERMINAL	1	
			PHOTO COUPLERS		
⚠	PC5720	B3PBA0000579	PHOTO COUPLER	1	
⚠	PC5760	B3PBA0000579	PHOTO COUPLER	1	
			TERMINALS		
	ZJ5703	K4CZ01000027	TERMINAL	1	
			OSCILLATORS		
	X1000	H0J286500042	OSCILLATOR	1	
	X2000	H0J122500049	OSCILLATOR	1	
			FL DISPLAY		
	FL3300	A2BB00000189	LCD DISPLAY	1	
			FUSE		
⚠	F1	K5G312Y00007	FUSE	1	
			THERMISTORS		
	TH5821	D4CC11040013	THERMISTOR	1	
	TH5822	D4CC11040013	THERMISTOR	1	
			JACKS		
	JK1500	K2HC104E0005	JK HEADPHONE	1	
	JK1601	B3RAB0000114	OPTO DEVICE	1	
	JK2000	K1FY104A0040	CONNECTOR	1	
⚠	P5701	K2AA2B000011	AC INLET	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
			CHIP JUMPERS		
	K101	D0GBR00J0004	0 1/10W	1	
	K205	D0GBR00J0004	0 1/10W	1	
	K206	D0GBR00J0004	0 1/10W	1	
	K215	D0GBR00J0004	0 1/10W	1	
	K216	D0GBR00J0004	0 1/10W	1	
	K5723	D0GBR00J0004	0 1/10W	1	
	K5731	D0GBR00J0004	0 1/10W	1	
	K5732	D0GBR00J0004	0 1/10W	1	
	LB1102	D0GAR00J0005	0 1/16W	1	
	W20	D0GDR00J0004	0 1/8W	1	
	W30	D0GBR00J0004	0 1/10W	1	
	W31	D0GBR00J0004	0 1/10W	1	
	W201	D0GBR00J0004	0 1/10W	1	
	W202	D0GFR00J0005	0 1/4W	1	
	W221	D0GFR00J0005	0 1/4W	1	
	W222	D0GBR00J0004	0 1/10W	1	
	W225	D0GBR00J0004	0 1/10W	1	
	W228	D0GFR00J0005	0 1/4W	1	
	W230	D0GBR00J0004	0 1/10W	1	
	W232	D0GDR00J0004	0 1/8W	1	
	W233	D0GFR00J0005	0 1/4W	1	
	W234	D0GFR00J0005	0 1/4W	1	
	W236	D0GFR00J0005	0 1/4W	1	
	W237	D0GFR00J0005	0 1/4W	1	
	W238	D0GFR00J0005	0 1/4W	1	
	W239	D0GFR00J0005	0 1/4W	1	
	W240	D0GDR00J0004	0 1/8W	1	
	W241	D0GDR00J0004	0 1/8W	1	
	W243	D0GBR00J0004	0 1/10W	1	
	W245	D0GDR00J0004	0 1/8W	1	
	W246	D0GDR00J0004	0 1/8W	1	
			RESISTORS		
	R1000	D0GA103JA023	10K 1/16W	1	
	R1001	D1BA8870A022	887 1/16W	1	
	R1002	D0GA473JA023	47K 1/16W	1	
	R1003	D0GA473JA023	47K 1/16W	1	
	R1004	D0GA472JA023	4.7K 1/16W	1	
	R1005	D0GA472JA023	4.7K 1/16W	1	
	R1006	D0GA330JA023	33 1/16W	1	
	R1007	D0GA330JA023	33 1/16W	1	
	R1008	D0GA330JA023	33 1/16W	1	
	R1009	D0GA473JA023	47K 1/16W	1	
	R1010	D0GAR00J0005	0 1/16W	1	
	R1012	D0GA394JA023	390K 1/16W	1	
	R1013	D0GA102JA023	1K 1/16W	1	
	R1014	D0GA102JA023	1K 1/16W	1	
	R1015	D0GA103JA023	10K 1/16W	1	
	R1016	D0GA103JA023	10K 1/16W	1	
	R1021	D0GA472JA023	4.7K 1/16W	1	
	R1022	D0GA472JA023	4.7K 1/16W	1	
	R1100	D1BA1502A022	15K 1/16W	1	
	R1101	D1BA4701A022	4.7K 1/16W	1	
	R1102	D0GA104JA023	100K 1/16W	1	
	R1103	D1BA1502A022	15K 1/16W	1	
	R1104	D1BA1202A022	12K 1/16W	1	
	R1105	D0GA103JA023	10K 1/16W	1	
	R1106	D0GA103JA023	10K 1/16W	1	
	R1107	D0GA103JA023	10K 1/16W	1	
	R1109	D0GA473JA023	47K 1/16W	1	
	R1110	D0GA104JA023	100K 1/16W	1	
	R1111	D0GA102JA023	1K 1/16W	1	
	R1112	D0GA102JA023	1K 1/16W	1	
	R1200	D0GA510JA023	51 1/16W	1	
	R1201	D0GA510JA023	51 1/16W	1	
	R1202	D0GA5R1JA023	5.1 1/16W	1	
	R1203	D0GA182JA023	1.8K 1/16W	1	
	R1204	D0GA182JA023	1.8K 1/16W	1	
	R1205	D0GA473JA023	47K 1/16W	1	
	R1206	D0GA103JA023	10K 1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	R1207	D0GA101JA023	100 1/16W	1	
	R1208	D0GA273JA023	27K 1/16W	1	
	R1209	D0GA221JA023	220 1/16W	1	
	R1210	D0GA472JA023	4.7K 1/16W	1	
	R1350	D0GA510JA023	51 1/16W	1	
	R1351	D0GA473JA023	47K 1/16W	1	
	R1352	D0GA104JA023	100K 1/16W	1	
	R1353	D0GA102JA023	1K 1/16W	1	
	R1504	D0GA101JA023	100 1/16W	1	
	R1505	D0GA102JA023	1K 1/16W	1	
	R1506	D0GB101JA065	100 1/10W	1	
	R1507	D0GB101JA065	100 1/10W	1	
	R1508	D0GB101JA065	100 1/10W	1	
	R1510	D0GB560JA065	56 1/10W	1	
	R1512	D1BA1500A022	150 1/16W	1	
	R1600	F1G1C1030008	0.01uF 16V	1	
	R1601	D0GBR00J0004	0 1/10W	1	
	R2002	D0GBR00J0004	0 1/10W	1	
	R2004	D0GB330JA065	33 1/10W	1	
	R2005	D0GA330JA023	33 1/16W	1	
	R2008	D1BA1202A022	12K 1/16W	1	
	R2009	D1BA1002A022	10K 1/16W	1	
	R2010	D0GB220JA065	22 1/10W	1	
	R2011	D1BB1003A074	10K 1/10W	1	
	R2017	D0GB473JA065	47K 1/10W	1	
	R2018	D0GB473JA065	47K 1/10W	1	
	R2019	D0GB472JA065	4.7K 1/10W	1	
	R2020	D1BB3901A074	3.9K 1/10W	1	
	R2021	D1BB3901A074	3.9K 1/10W	1	
	R2022	D0GA273JA023	27K 1/16W	1	
	R2023	D0GB392JA065	3.9K 1/10W	1	
	R2027	D0GAR00J0005	0 1/16W	1	
	R2028	D0GAR00J0005	0 1/16W	1	
	R2030	D0GB330JA065	33 1/10W	1	
	R2031	D0GB821JA065	820 1/10W	1	
	R2033	D0GB473JA065	47K 1/10W	1	
	R2038	D0GB102JA065	1K 1/10W	1	
	R2042	D0GB104JA065	100K 1/10W	1	
	R2043	D1BB4302A074	43K 1/10W	1	
	R2051	D0GA330JA023	33 1/16W	1	
	R2052	D0GA472JA023	4.7K 1/16W	1	
	R2053	D0GA472JA023	4.7K 1/16W	1	
	R2054	D0GA330JA023	33 1/16W	1	
	R2055	D0GB472JA065	4.7K 1/10W	1	
	R2056	D0GB472JA065	4.7K 1/10W	1	
	R2057	D0GB472JA065	4.7K 1/10W	1	
	R2062	D0GB102JA065	1K 1/10W	1	
	R2063	D0GA473JA023	47K 1/16W	1	
	R2068	D0GB103JA065	10K 1/10W	1	
	R2073	D0GB562JA065	5.6K 1/10W	1	
	R2074	D0GB562JA065	5.6K 1/10W	1	
	R2075	D0GB103JA065	10K 1/10W	1	
	R2076	D0GB103JA065	10K 1/10W	1	
	R2079	D0GB102JA065	1K 1/10W	1	
	R2202	D0GB102JA065	1K 1/10W	1	
	R2203	D0GB103JA065	10K 1/10W	1	
	R2204	D1BB3002A074	30K 1/10W	1	
	R2205	D1BB1503A074	150K 1/10W	1	
	R2206	D1BB1003A074	100K 1/10W	1	
	R2207	D1BB4702A074	47K 1/10W	1	
	R2208	D0GB103JA065	10K 1/10W	1	
	R2209	D0GB102JA065	1K 1/10W	1	
	R2210	D0GB103JA065	10K 1/10W	1	
	R2211	D0GB104JA065	100K 1/10W	1	
	R2213	D0GB102JA065	1K 1/10W	1	
	R2217	D1BB1802A074	18K 1/10W	1	
	R2228	D0GB473JA065	47K 1/10W	1	
	R2230	D0GB101JA065	100 1/10W	1	
	R2231	D0GB102JA065	1K 1/10W	1	
	R2232	D0GB104JA065	100K 1/10W	1	
	R2233	D0GB103JA065	10K 1/10W	1	
	R2234	ERJ3RBD103V	10K 1/16W	1	
	R2236	ERJ3RBD104V	100K 1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	R2237	D0GB103JA065	10K 1/10W	1	
	R2239	D0GB102JA065	1K 1/10W	1	
	R2240	ERJ3RBD103V	10K 1/16W	1	
	R2241	ERJ3RBD103V	10K 1/16W	1	
	R2242	D0GB103JA065	10K 1/10W	1	
	R2246	D1BB3301A074	3.3K 1/10W	1	
	R2280	D0GB103JA065	10K 1/10W	1	
	R2281	D0GB102JA065	1K 1/10W	1	
	R2283	D0GB103JA065	10K 1/10W	1	
	R2302	D0GA103JA023	10K 1/16W	1	
	R2303	D0GB102JA065	1K 1/10W	1	
	R2305	D0GA103JA023	10K 1/16W	1	
	R3300	ERJ8GEYJ330V	33 1/4W	1	
	R3301	ERJ8GEYJ330V	33 1/4W	1	
	R3302	J0JHC0000118	INDUCTOR	1	
	R3303	J0JHC0000118	INDUCTOR	1	
	R3304	J0JHC0000118	INDUCTOR	1	
	R3305	D0GB100JA065	10 1/10W	1	
	R3306	D0GBR00J0004	0 1/10W	1	
	R3307	D0GB682JA065	6.8K 1/10W	1	
	R3308	D0GB1R0JA065	1.0 1/10W	1	
	R3309	D0GB473JA065	47K 1/10W	1	
	R3310	D0GB220JA065	22 1/10W	1	
	R3311	D0GB470JA065	47 1/10W	1	
	R3315	D0GB102JA065	1K 1/10W	1	
	R3316	D0GB473JA065	47K 1/10W	1	
	R3317	D0GB473JA065	47K 1/10W	1	
	R3318	D0GB473JA065	47K 1/10W	1	
	R3319	D0GB470JA065	47 1/10W	1	
	R3320	D0GB470JA065	47 1/10W	1	
	R3321	D0GBR00J0004	0 1/10W	1	
	R3380	D0GB102JA065	1K 1/10W	1	
	R3381	D0GB102JA065	1K 1/10W	1	
	R3382	D0GB105JA065	1M 1/10W	1	
	R3383	D0GB124JA065	120K 1/10W	1	
	R3384	D0GB473JA065	47K 1/10W	1	
	R4015	D0GBR00J0004	0 1/10W	1	
	R5201	D0GB472JA065	4.7K 1/10W	1	
	R5202	D0GB472JA065	4.7K 1/10W	1	
	R5203	D1BA1001A022	1K 1/16W	1	
	R5204	D1BA1802A022	18K 1/16W	1	
	R5205	D0GD682JA052	6.8K 1/8W	1	
	R5206	D0GB472JA065	4.7K 1/10W	1	
	R5207	D0GB220JA065	22 1/10W	1	
	R5208	D0GB100JA065	10 1/10W	1	
	R5209	D0GB154JA065	150K 1/10W	1	
	R5210	D0GB333JA065	33K 1/10W	1	
	R5301	D0GA472JA023	4.7K 1/16W	1	
	R5302	D0GA562JA023	5.6K 1/16W	1	
	R5303	D0GB220JA065	22 1/10W	1	
	R5305	D0GA472JA023	4.7K 1/16W	1	
	R5306	D0GA562JA023	5.6K 1/16W	1	
	R5307	D0GB4R7JA065	4.7 1/10W	1	
	R5309	D0GB100JA065	10 1/10W	1	
	R5310	D0GB4R7JA065	4.7 1/10W	1	
	R5311	D0GB100JA065	10 1/10W	1	
	R5313	D0GB104JA065	100K 1/10W	1	
	R5314	D0GB104JA065	100K 1/10W	1	
	R5326	D0GB562JA065	5.6K 1/10W	1	
	R5332	D0GFR10ZA043	10 1/4W	1	
	R5401	D0GA472JA023	4.7K 1/16W	1	
	R5402	D0GA562JA023	5.6K 1/16W	1	
	R5403	D0GB220JA065	22 1/10W	1	
	R5405	D0GA472JA023	4.7K 1/16W	1	
	R5406	D0GA562JA023	5.6K 1/16W	1	
	R5407	D0GB4R7JA065	4.7 1/10W	1	
	R5409	D0GB100JA065	10 1/10W	1	
	R5410	D0GB4R7JA065	4.7 1/10W	1	
	R5411	D0GB100JA065	10 1/10W	1	
	R5413	D0GB104JA065	100K 1/10W	1	
	R5414	D0GB104JA065	100K 1/10W	1	
	R5426	D0GB562JA065	5.6K 1/10W	1	
	R5432	D0GFR10ZA043	10 1/4W	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	R5437	D0GFR10ZA043	10 1/4W	1	
	R5438	D0GFR10ZA043	10 1/4W	1	
	R5501	D0GA472JA023	4.7K 1/16W	1	
	R5502	D0GA562JA023	5.6K 1/16W	1	
	R5503	D0GB220JA065	22 1/10W	1	
	R5505	D0GA472JA023	4.7K 1/16W	1	
	R5506	D0GA562JA023	5.6K 1/16W	1	
	R5508	D0GB100JA065	10 1/10W	1	
	R5509	D0GB100JA065	10 1/10W	1	
	R5511	D0GB4R7JA065	4.7 1/10W	1	
	R5512	D0GB4R7JA065	4.7 1/10W	1	
	R5513	D0GB104JA065	100K 1/10W	1	
	R5514	D0GB104JA065	100K 1/10W	1	
	R5526	D0GB562JA065	5.6K 1/10W	1	
	R5532	D0GFR10ZA043	10 1/4W	1	
	R5533	D0GFR10ZA043	10 1/4W	1	
	R5534	D0GFR10ZA043	10 1/4W	1	
	R5535	D0GFR10ZA043	10 1/4W	1	
	R5536	D0GFR10ZA043	10 1/4W	1	
⚠	R5700	ERJ8GEYJ105V	1M 1/4W	1	
⚠	R5701	ERJ8GEYJ105V	1M 1/4W	1	
	R5702	ERJ1TYJ104U	100K 1W	1	
	R5703	ERJ1TYJ104U	100K 1W	1	
⚠	R5710	ERJ8GEYJ105V	1M 1/4W	1	
	R5720	D0GD3R3JA052	3.3 1/8W	1	
	R5721	D0GD222JA052	2.2K 1/8W	1	
	R5722	D0GB562JA065	5.6K 1/10W	1	
	R5727	ERX2SJR33P	0.33 2W	1	
	R5730	D0GDR00J0004	0 1/8W	1	
	R5731	D0GDR00J0004	0 1/8W	1	
	R5732	D0GB471JA065	470 1/10W	1	
	R5733	D0GB224JA065	220K 1/10W	1	
	R5761	D0GB102JA065	1K 1/10W	1	
	R5762	D0GB102JA065	1K 1/10W	1	
	R5763	D0GB102JA065	1K 1/10W	1	
	R5764	D0GB472JA065	4.7K 1/10W	1	
	R5766	D0GB333JA065	33K 1/10W	1	
	R5767	D0GB223JA065	22K 1/10W	1	
	R5801	D0GB472JA065	4.7K 1/10W	1	
	R5802	D0GB224JA065	220K 1/10W	1	
	R5802	D1BB1502A074	15K 1/10W	1	
	R5802	ERJ3RBD223V	22K 1/16W	1	
	R5803	D0GB224JA065	220K 1/10W	1	
	R5804	D0GB473JA065	47K 1/10W	1	
	R5804	D1BB1003A074	100K 1/10W	1	
	R5805	D0GB563JA065	56K 1/10W	1	
	R5805	D1BB1002A073	10K 1/10W	1	
	R5806	D0GB103JA065	10K 1/10W	1	
	R5806	D0GB333JA065	33K 1/10W	1	
	R5808	D0GB472JA065	4.7K 1/10W	1	
	R5809	D0GD152JA017	1.5K 1/8W	1	
	R5810	D0GB221JA065	220 1/10W	1	
	R5814	D0GB102JA065	1K 1/10W	1	
	R5817	D1BB4302A073	43K 1/10W	1	
	R5819	D0GB151JA065	150 1/10W	1	
	R5823	D0GB103JA065	10K 1/10W	1	
	R5826	D0GB103JA065	10K 1/10W	1	
	R5827	D0GBR00J0004	0 1/10W	1	
	R5828	D0GB220JA065	22 1/10W	1	
	R5829	D1BB6801A074	6.8K 1/10W	1	
	R5833	D0GB101JA065	100 1/10W	1	
	R5838	D0GB220JA065	22 1/10W	1	
	R5846	D0GB473JA065	47K 1/10W	1	
	R5849	D0GB104JA065	100K 1/10W	1	
	R5850	D0GB104JA065	100K 1/10W	1	
	R5851	D0GB473JA065	47K 1/10W	1	
	R5852	D0GB473JA065	47K 1/10W	1	
	R5853	D0GB104JA065	100K 1/10W	1	
	R5861	D0GB104JA065	100K 1/10W	1	
	R5865	D0GD223JA017	22K 1/8W	1	
	R5867	D0GB102JA065	1K 1/10W	1	
	R5868	D0GB103JA065	10K 1/10W	1	
	R5869	D0GB223JA065	22K 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	R5871	D0GB104JA065	100K 1/10W	1	
	R5875	D0GD223JA017	22K 1/8W	1	
	R6104	D0GBR00J0004	0 1/10W	1	
	R6107	D0GB822JA065	8.2K 1/10W	1	
	R6151	D0GB103JA065	10K 1/10W	1	
	R8176	D0GB102JA065	1K 1/10W	1	
			RESISTOR NET- WORKS		
	RX1000	D1H81034A042	RESISTOR NETWORK	1	
	RX1001	D1H81034A042	RESISTOR NETWORK	1	
	RX1002	D1H83304A042	RESISTOR NETWORK	1	
	RX2000	D1H83304A042	RESISTOR NETWORK	1	
	RX2001	D1H83304A042	RESISTOR NETWORK	1	
	RX2002	D1H83304A042	RESISTOR NETWORK	1	
	RX2003	D1H83304A042	RESISTOR NETWORK	1	
	RX2004	D1H83304A042	RESISTOR NETWORK	1	
	RX2005	D1H83304A042	RESISTOR NETWORK	1	
	RX2006	D1H83304A042	RESISTOR NETWORK	1	
	RX2007	D1H83304A042	RESISTOR NETWORK	1	
	RX2008	D1H83304A042	RESISTOR NETWORK	1	
	RX2009	D1H83304A042	RESISTOR NETWORK	1	
	RX2010	D1H83304A042	RESISTOR NETWORK	1	
	RX2011	D1H83304A042	RESISTOR NETWORK	1	
	RX2012	D1H83304A042	RESISTOR NETWORK	1	
	RX2020	D1H81044A042	RESISTOR NETWORK	1	
			CAPACITORS		
	C1000	F1G1A1040006	0.1uF 10V	1	
	C1001	F1G0J1050007	1uF 6.3V	1	
	C1002	F1G1A1040006	0.1uF 10V	1	
	C1003	F1G0J1050007	1uF 6.3V	1	
	C1004	F1G1A1040006	0.1uF 10V	1	
	C1005	F1G0J1050007	1uF 6.3V	1	
	C1006	F1G1A1040006	0.1uF 10V	1	
	C1007	F1G0J1050007	1uF 6.3V	1	
	C1008	F1G1A1040006	0.1uF 10V	1	
	C1009	F1G0J1050007	1uF 6.3V	1	
	C1010	F1G1A1040006	0.1uF 10V	1	
	C1011	F1G0J1050007	1uF 6.3V	1	
	C1012	F1G1A1040006	0.1uF 10V	1	
	C1013	F1G0J1050007	1uF 6.3V	1	
	C1014	F1G1A1040006	0.1uF 10V	1	
	C1015	F1G0J1050007	1uF 6.3V	1	
	C1016	F1G1A1040006	0.1uF 10V	1	
	C1017	F1G0J1050007	1uF 6.3V	1	
	C1018	F1G1C1030008	0.01uF 16V	1	
	C1019	F1G1A1040006	0.1uF 10V	1	
	C1020	F1G0J1050007	1uF 6.3V	1	
	C1021	F1G1A1040006	0.1uF 10V	1	
	C1022	F1G0J1050007	1uF 6.3V	1	
	C1023	F1G1A1040006	0.1uF 10V	1	
	C1024	F1G0J1050007	1uF 6.3V	1	
	C1025	F1G1A1040006	0.1uF 10V	1	
	C1026	F1G0J1050007	1uF 6.3V	1	
	C1027	F1G1A1040006	0.1uF 10V	1	
	C1028	F1G0J1050007	1uF 6.3V	1	
	C1029	F1G1A1040006	0.1uF 10V	1	
	C1030	F1G0J1050007	1uF 6.3V	1	
	C1031	F1G1A1040006	0.1uF 10V	1	
	C1032	F1G0J1050007	1uF 6.3V	1	
	C1033	F1G1A1040006	0.1uF 10V	1	
	C1034	F1G0J1050007	1uF 6.3V	1	
	C1035	F1G1A1040006	0.1uF 10V	1	
	C1036	F1G0J1050007	1uF 6.3V	1	
	C1037	F1G1H270A834	27pF 50V	1	
	C1038	F1G1H270A834	27pF 50V	1	
	C1039	F1G1A1040006	0.1uF 10V	1	
	C1040	F1G0J1050007	1uF 6.3V	1	
	C1041	F1G1A1040006	0.1uF 10V	1	
	C1042	F1G0J1050007	1uF 6.3V	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	C1043	FlG1A1040006	0.1uF 10V	1	
	C1044	FlG0J1050007	1uF 6.3V	1	
	C1045	FlG1A1040006	0.1uF 10V	1	
	C1046	FlG0J1050007	1uF 6.3V	1	
	C1047	FlG1A1040006	0.1uF 10V	1	
	C1048	FlG0J1050007	1uF 6.3V	1	
	C1049	FlG1A1040006	0.1uF 10V	1	
	C1050	FlG0J1050007	1uF 6.3V	1	
	C1051	FlG1A1040006	0.1uF 10V	1	
	C1052	FlG0J1050007	1uF 6.3V	1	
	C1053	FlG1A1040006	0.1uF 10V	1	
	C1054	FlG0J1050007	1uF 6.3V	1	
	C1100	FlG1A1040006	0.1uF 10V	1	
	C1101	FlJ1A106A043	10uF 10V	1	
	C1102	FlG0J1050007	1uF 6.3V	1	
	C1103	FlG1A1040006	0.1uF 10V	1	
	C1104	FlJ1A106A043	10uF 10V	1	
	C1105	FlG1A1040006	0.1uF 10V	1	
	C1106	FlG0J1050007	1uF 6.3V	1	
	C1107	FlG1A1040006	0.1uF 10V	1	
	C1108	FlJ1A106A043	10uF 10V	1	
	C1109	FlG1A1040006	0.1uF 10V	1	
	C1110	FlJ1A106A043	10uF 10V	1	
	C1113	FlG1H101A834	100pF 50V	1	
	C1114	FlG1H101A834	100pF 50V	1	
	C1115	FlG1H101A834	100pF 50V	1	
	C1116	FlG1H101A834	100pF 50V	1	
	C1200	FlG0J1050007	1uF 6.3V	1	
	C1201	FlG0J1050007	1uF 6.3V	1	
	C1202	FlG0J1050007	1uF 6.3V	1	
	C1203	FlG1A1040006	0.1uF 10V	1	
	C1204	FlG1C1030008	0.01uF 16V	1	
	C1205	FlG0J1050007	1uF 6.3V	1	
	C1206	FlG1C1030008	0.01uF 16V	1	
	C1207	FlG0J1050007	1uF 6.3V	1	
	C1208	FlH1H102A219	1000pF 50V	1	
	C1209	FlH1H102A219	1000pF 50V	1	
	C1350	FlG0J1050007	1uF 6.3V	1	
	C1351	FlG1A1040006	0.1uF 10V	1	
	C1352	FlH1H102A219	1000pF 50V	1	
	C1353	FlH1H102A219	1000pF 50V	1	
	C1370	D0GBR00J0004	0 1/10W	1	
	C1501	FlG1A1040006	0.1uF 10V	1	
	C1502	FlG1A1040006	0.1uF 10V	1	
	C1510	FlG1A1040006	0.1uF 10V	1	
	C1600	FlG1C1030008	0.01uF 16V	1	
	C1601	FlJ1A106A043	10uF 10V	1	
	C2001	FlG0J1050007	1uF 6.3V	1	
	C2002	FlH0J1060006	10uF 6.3V	1	
	C2003	FlG1C103A146	0.01uF 16V	1	
	C2004	FlG0J1050007	1uF 6.3V	1	
	C2005	FlJ1A106A043	10uF 10V	1	
	C2006	FlH1A105A113	1uF 10V	1	
	C2007	FlJ1A106A043	10uF 10V	1	
	C2008	FlH1A105A113	1uF 10V	1	
	C2009	FlJ1A106A043	10uF 10V	1	
	C2010	FlH0J1060006	10uF 6.3V	1	
	C2011	FlH0J1060006	10uF 6.3V	1	
	C2012	FlH1A105A113	1uF 10V	1	
	C2013	FlJ1A106A043	10uF 10V	1	
	C2014	FlG0J1050007	1uF 6.3V	1	
	C2015	FlJ1A106A043	10uF 10V	1	
	C2016	FlG0J1050007	1uF 6.3V	1	
	C2017	FlJ1A106A043	10uF 10V	1	
	C2018	FlH1A105A113	1uF 10V	1	
	C2019	FlJ1A106A043	10uF 10V	1	
	C2020	FlG1C103A146	0.01uF 16V	1	
	C2021	FlG1H220A834	22pF 50V	1	
	C2022	FlG1H220A834	22pF 50V	1	
	C2023	FlJ1A106A043	10uF 10V	1	
	C2024	FlH1A105A113	1uF 10V	1	
	C2025	FlH1A105A113	1uF 10V	1	
	C2026	FlJ1A106A043	10uF 10V	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	C2027	FlH1A105A113	1uF 10V	1	
	C2028	FlJ1A106A043	10uF 10V	1	
	C2029	FlG0J1050007	1uF 6.3V	1	
	C2030	FlL1A476A060	47uF 10V	1	
	C2032	FlH1A105A113	1uF 10V	1	
	C2033	FlG1H3310003	330pF 50V	1	
	C2034	FlG1C103A146	0.01uF 16V	1	
	C2035	FlG1C103A146	0.01uF 16V	1	
	C2036	FlH1A105A113	1uF 10V	1	
	C2037	FlH0J1060006	10uF 6.3V	1	
	C2038	FlH1H103B047	0.01uF 50V	1	
	C2039	FlH1H103B047	0.01uF 50V	1	
	C2040	FlH1A105A113	1uF 10V	1	
	C2041	FlG1A1040006	0.1uF 10V	1	
	C2042	FlH1C104A178	0.1uF 16V	1	
	C2043	FlG1C104A149	0.1uF 16V	1	
	C2044	FlG1A1040006	0.1uF 10V	1	
	C2046	FlG1H680A541	68pF 50V	1	
	C2049	FlH0J4750004	4.7uF 6.3V	1	
	C2050	FlH1H103B047	0.01uF 50V	1	
	C2051	FlG1C103A146	0.01uF 16V	1	
	C2053	FlG1H151A834	150pF 50V	1	
	C2054	FlG1H151A834	150pF 50V	1	
	C2055	FlG1H220A834	22pF 50V	1	
	C2060	FlG1H151A834	150pF 50V	1	
	C2207	FlH1H104B047	0.1uF 50V	1	
	C2208	EEE1HA100SP	10uF 50V	1	
	C2209	FlH1H103B047	0.01uF 50V	1	
	C2210	FlH1H682B047	6800pF 50V	1	
	C2211	FlG1A1040006	0.1uF 10V	1	
	C2212	FlL1A476A060	47uF 10V	1	
	C2213	FlH1A105A113	1uF 10V	1	
	C2214	FlH1C104A178	0.1uF 16V	1	
	C2215	FlL1A476A060	47uF 10V	1	
	C2216	FlH1H104B047	0.1uF 50V	1	
	C2217	FlH1A105A113	1uF 10V	1	
	C2219	FlH1C105A167	1uF 16V	1	
	C2222	FlH1C104A178	0.1uF 16V	1	
	C2223	FlH1C104A178	0.1uF 16V	1	
	C2227	FlH1H104B047	0.1uF 50V	1	
	C2228	FlH1A105A113	1uF 10V	1	
	C2229	EEE0JA221WP	220uF 6.3V	1	
	C2230	FlH1H103B047	0.01uF 50V	1	
	C2231	FlH1H682B047	6800pF 50V	1	
	C2232	FlH1H104B047	0.1uF 50V	1	
	C2233	FlK1V106A010	10uF 35V	1	
	C2234	FlK1V106A010	10uF 35V	1	
	C2235	FlL1A476A060	47uF 10V	1	
	C2302	FlH0J1060006	10uF 6.3V	1	
	C3300	FlJ1E105A287	1uF 25V	1	
	C3301	FlJ1E105A287	1uF 25V	1	
	C3305	FlH1E105A153	1uF 25V	1	
	C3306	FlJ1H105A918	1uF 50V	1	
	C3307	FlH1E105A153	1uF 25V	1	
	C3308	FlH1A1050040	1uF 10V	1	
	C3309	FlJ1H105A918	1uF 50V	1	
	C3310	FlJ1E105A287	1uF 25V	1	
	C3311	FlH1E105A153	1uF 25V	1	
	C3312	FlH1E105A153	1uF 25V	1	
	C3313	FlH1H101B052	100pF 50V	1	
	C3315	FlJ1A4750011	4.7uF 10V	1	
	C3316	FlJ1A4750011	4.7uF 10V	1	
	C3320	FlJ1H105A918	1uF 50V	1	
	C3380	FlJ1H105A918	1uF 50V	1	
	C3381	FlH1H102A831	1000pF 50V	1	
	C3383	FlJ1H105A918	1uF 50V	1	
	C4015	FlH1H104B047	0.1uF 50V	1	
	C5201	FlH1E105A153	1uF 25V	1	
	C5203	FlH1H103B047	0.01uF 50V	1	
	C5204	FlH1H103B047	0.01uF 50V	1	
	C5205	FlH1H103B047	0.01uF 50V	1	
	C5206	FlK1H105A250	1uF 50V	1	
	C5207	FlH1H104B047	0.1uF 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	C5208	F2A1H1R0A213	1.0uF 50V	1	
	C5209	F1H1H103B047	0.01uF 50V	1	
	C5301	F1H1H104B047	0.1uF 50V	1	
	C5302	F1H1H104B047	0.1uF 50V	1	
	C5303	F1H1H104B047	0.1uF 50V	1	
	C5304	F1H1H104B047	0.1uF 50V	1	
	C5305	F1G1E1040001	0.1uF 25V	1	
	C5306	F1K1H105A250	1uF 50V	1	
	C5308	F1H1H103B047	0.01uF 50V	1	
	C5309	F1H1H104B047	0.1uF 50V	1	
	C5310	F1K1H105A250	1uF 50V	1	
	C5311	F1H1H471A219	470pF 50V	1	
	C5312	F1H1H103B047	0.01uF 50V	1	
	C5313	F1H1H1010005	100pF 50V	1	
	C5314	F1H1H104B047	0.1uF 50V	1	
	C5315	F1H1H471A219	470pF 50V	1	
	C5316	F2A1V4710074	470uF 35V	1	
	C5323	F1H1H102B047	1000pF 50V	1	
	C5324	F1H1H102B047	1000pF 50V	1	
	C5325	F1K1H105A250	1uF 50V	1	
	C5401	F1H1H104B047	0.1uF 50V	1	
	C5402	F1H1H104B047	0.1uF 50V	1	
	C5403	F1H1H104B047	0.1uF 50V	1	
	C5404	F1H1H104B047	0.1uF 50V	1	
	C5405	F1G1E1040001	0.1uF 25V	1	
	C5406	F1K1H105A250	1uF 50V	1	
	C5408	F1H1H103B047	0.01uF 50V	1	
	C5409	F1H1H104B047	0.1uF 50V	1	
	C5410	F1K1H105A250	1uF 50V	1	
	C5411	F1H1H471A219	470pF 50V	1	
	C5412	F1H1H103B047	0.01uF 50V	1	
	C5413	F1H1H1010005	100pF 50V	1	
	C5414	F1H1H104B047	0.1uF 50V	1	
	C5415	F1H1H471A219	470pF 50V	1	
	C5416	F2A1V4710074	470uF 35V	1	
	C5423	F1H1H102B047	1000pF 50V	1	
	C5424	F1H1H102B047	1000pF 50V	1	
	C5425	F1K1H105A250	1uF 50V	1	
	C5501	F1G1E1040001	0.1uF 25V	1	
	C5502	F1H1H104B047	0.1uF 50V	1	
	C5503	F1H1H104B047	0.1uF 50V	1	
	C5504	F1H1H104B047	0.1uF 50V	1	
	C5505	F1H1H104B047	0.1uF 50V	1	
	C5506	F1K1H105A250	1uF 50V	1	
	C5507	F1H1H103B047	0.01uF 50V	1	
	C5508	F1H1H471A219	470pF 50V	1	
	C5509	F1H1H104B047	0.1uF 50V	1	
	C5510	F1K1H105A250	1uF 50V	1	
	C5512	F1H1H103B047	0.01uF 50V	1	
	C5513	F1H1H471A219	470pF 50V	1	
	C5514	F1H1H104B047	0.1uF 50V	1	
	C5515	F1H1H1010005	100pF 50V	1	
	C5516	F2A1V4710074	470uF 35V	1	
	C5523	F1H1H102B047	1000pF 50V	1	
	C5524	F1H1H102B047	1000pF 50V	1	
	C5525	F1K1H105A250	1uF 50V	1	
⚠	C5700	F1BAF102A216	1000pF	1	
⚠	C5701	F0CAF104A105	0.1uF	1	
⚠	C5702	F0CAF104A105	0.1uF	1	
⚠	C5703	F0CAF104A105	0.1uF	1	
⚠	C5704	F1BAF471A215	470pF	1	
⚠	C5705	F1BAF471A215	470pF	1	
	C5712	F2A2G470A187	47uF 400V	1	
	C5713	F0C2J1020001	1000pF 630V	1	
	C5720	F1H1H101B052	100pF 50V	1	
	C5722	F1H1H102B047	1000pF 50V	1	
	C5724	F1H1H221B052	220pF 50V	1	
	C5726	F2A1H100A214	10uF 50V	1	
	C5727	F2A1H100A214	10uF 50V	1	
	C5730	D0GBR00J0004	0 1/10W	1	
	C5747	F1B3D561A132	560pF 2000V	1	
	C5760	F1H1H104B047	0.1uF 50V	1	
	C5761	F1H1H104B047	0.1uF 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
	C5762	F1H1H104B047	0.1uF 50V	1	
	C5800	D0GDR00J0004	0 1/8W	1	
	C5801	F1H1H104B047	0.1uF 50V	1	
	C5802	F1J1C106A224	10uF 16V	1	
	C5805	F2A1V4710074	470uF 35V	1	
	C5817	F1H1H682B047	6800pF 50V	1	
	C5818	F1H1H104B047	0.1uF 50V	1	
	C5819	F1H1H560B052	56pF 50V	1	
	C5820	F1H1H560B052	56pF 50V	1	
	C5823	F1H1H102B047	1000pF 50V	1	
	C5828	F2A0J471A016	470uF 6.3V	1	
	C5838	F2A0J471A016	470uF 6.3V	1	
	C5851	F1H0J1060006	10uF 6.3V	1	
	C5869	F1H1H103B047	0.01uF 50V	1	
	C5870	F1H0J105A051	1uF 6.3V	1	
	C5879	F1H1H103B047	0.01uF 50V	1	
	C6101	F1J1A4750011	4.7uF 10V	1	
	C6102	F1J1A4750011	4.7uF 10V	1	
	C6107	F1H0J1060006	10uF 6.3V	1	
	C6108	F1H1H104B047	0.1uF 50V	1	
	C7231	F1H1C104A178	0.1uF 16V	1	
	C7232	F1G1C104A149	0.1uF 16V	1	

5.6.2. Active Subwoofer (SB-HWA685)

Safety	Ref. No.	Part No.	Part Name & Description	QTY	Remarks
			PRINTED CIRCUITS BOARDS		
	PCB1	REP4869BA	SW D-AMP P.C.B.	1	(RTL)
	PCB2	REP4869BB	SW POWER BUTTON P.C.B.	1	(RTL)
	PCB3	REP4869BC	SW LED P.C.B.	1	(RTL)
⚠	PCB4	REP5060CA	SW SMPS P.C.B.	1	(RTL)
⚠	PCB5	REP5060CA	SW AC INLET P.C.B.	1	(RTL)
	PCB8	REP4936A	RX MODULE	1	
			RESISTORS		
	R5721	ERJ6GEYJ222V	2.2K 1/8W	1	
	R5810	D0GB221JA065	220 1/10W	1	
	R5811	ERJ6GEYJ152V	1.5K 1/8W	1	
	R5823	ERJ8GEYJ121V	120 1/4W	1	
	R5824	ERJ8GEYJ121V	120 1/4W	1	
	R5857	ERJ6GEYJ103V	10K 1/8W	1	
	R5859	ERJ6GEYJ103V	10K 1/8W	1	
			CAPACITORS		
⚠	C5700	F1BAF1020020	1000pF	1	
⚠	C5704	F1BAF471A013	470pF	1	
⚠	C5705	F1BAF471A013	470pF	1	
	C5730	F1J1E4750002	4.7uF 25V	1	

IPSG1604