

Service Manual

CD Stereo System



- Model No. **SA-AKX32PH**
SA-AKX32PN
SA-AKX32PR
SA-AKX52EB
SA-AKX52EG
SA-AKX52GN
SA-AKX52PH
SA-AKX52PN
SA-AKX72PH
SA-AKX72PN
SA-AKX92PH

Product Color: (K)...Black Type

Subject : Updates on Printed Circuit Board, Schematic Diagram, Exploded View, Parts List & Troubleshooting Guide.

Please file and use this supplement manual together with the service manual for
Model No. SA-AKX32PH/PN-K Order No. PSG1102025CE
Model No. SA-AKX32PR-K Order No. PSG1104022AE
Model No. SA-AKX52PH/PN-K Order No. PSG1103013CE
Model No. SA-AKX52EB/EG/GN-K Order No. PSG1104023CE
Model No. SA-AKX72PH/PN-K Order No. PSG1103014CE
Model No. SA-AKX92PH-K Order No. PSG1103015CE

⚠ 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.

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1 Notes

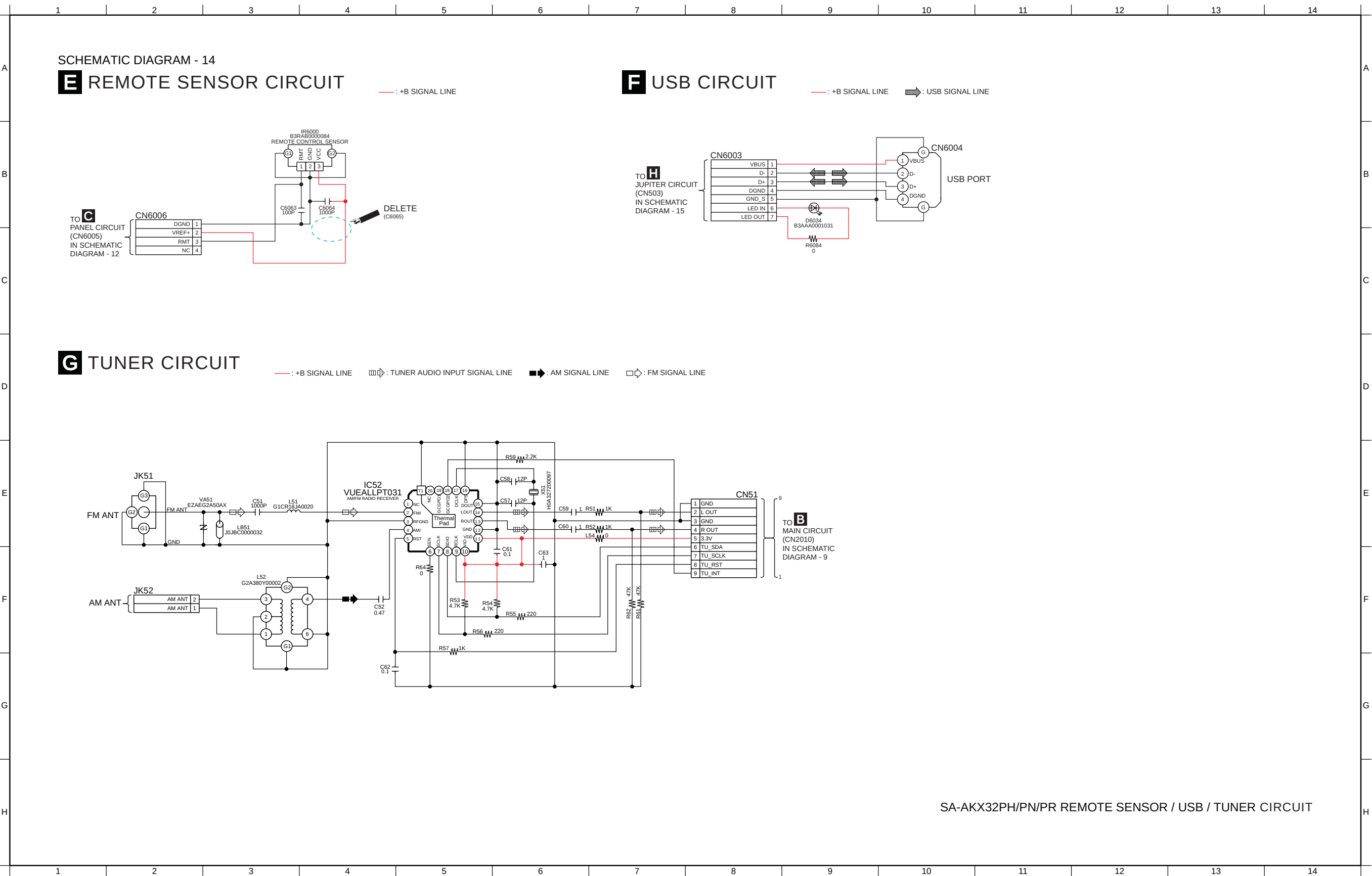
This supplement includes revised contents to the original service manual for below sections:-

1. Schematic Diagram.
2. Printed Circuit Board.
3. Exploded View.
4. Electrical & Mechanical Replacement Parts List.
5. Troubleshooting Guide.

2 Schematic Diagram (Updates)

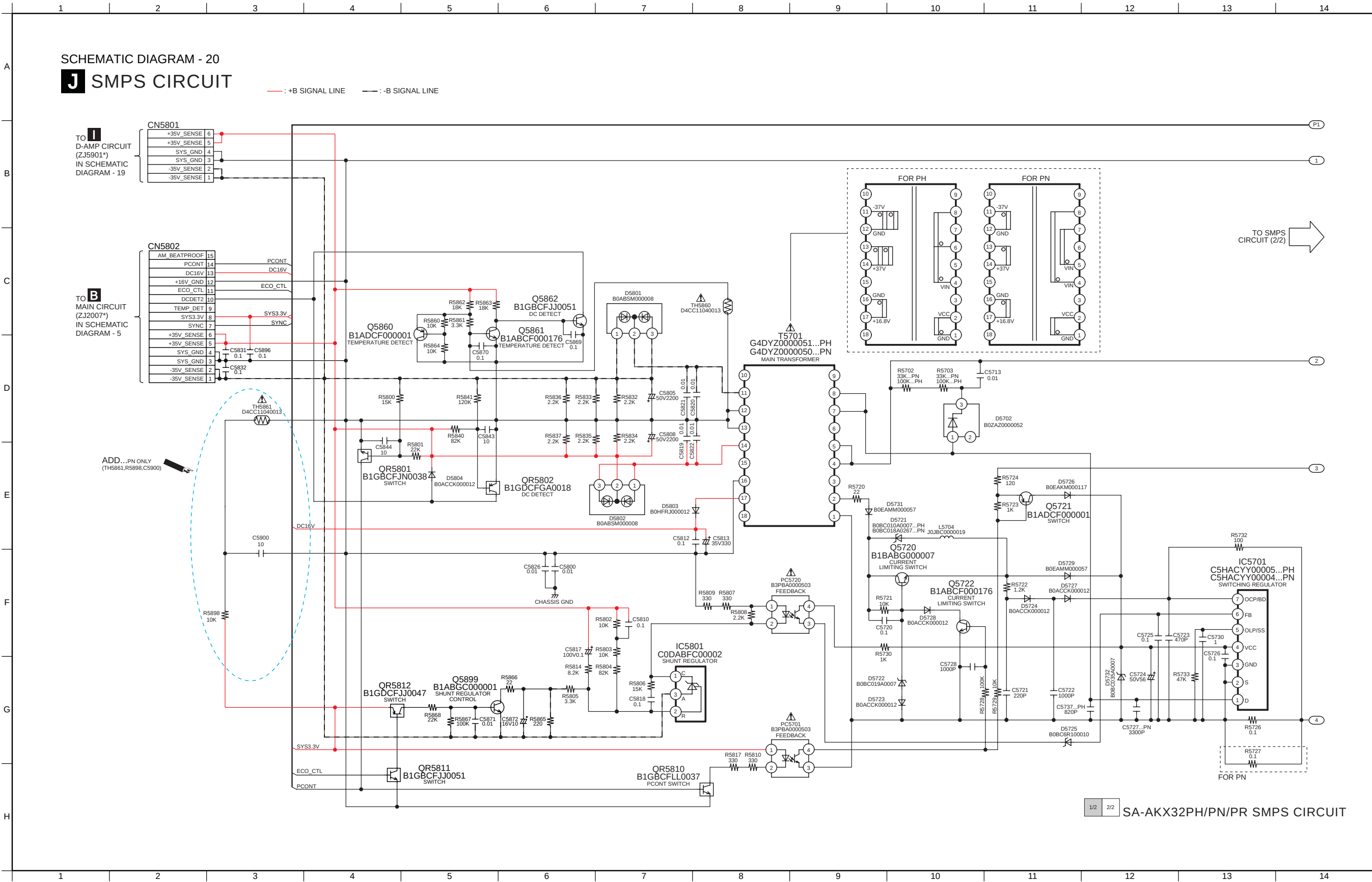
2.1. Remote Sensor, USB & Tuner Circuit (SA-AKX32PH/PN/PR-K)

With reference to original service manual (section 17.6) on pages 104.



2.2. SMPS Circuit (SA-AKX32PH/PN/PR-K)

With reference to original service manual (section 17.9) on page 110.

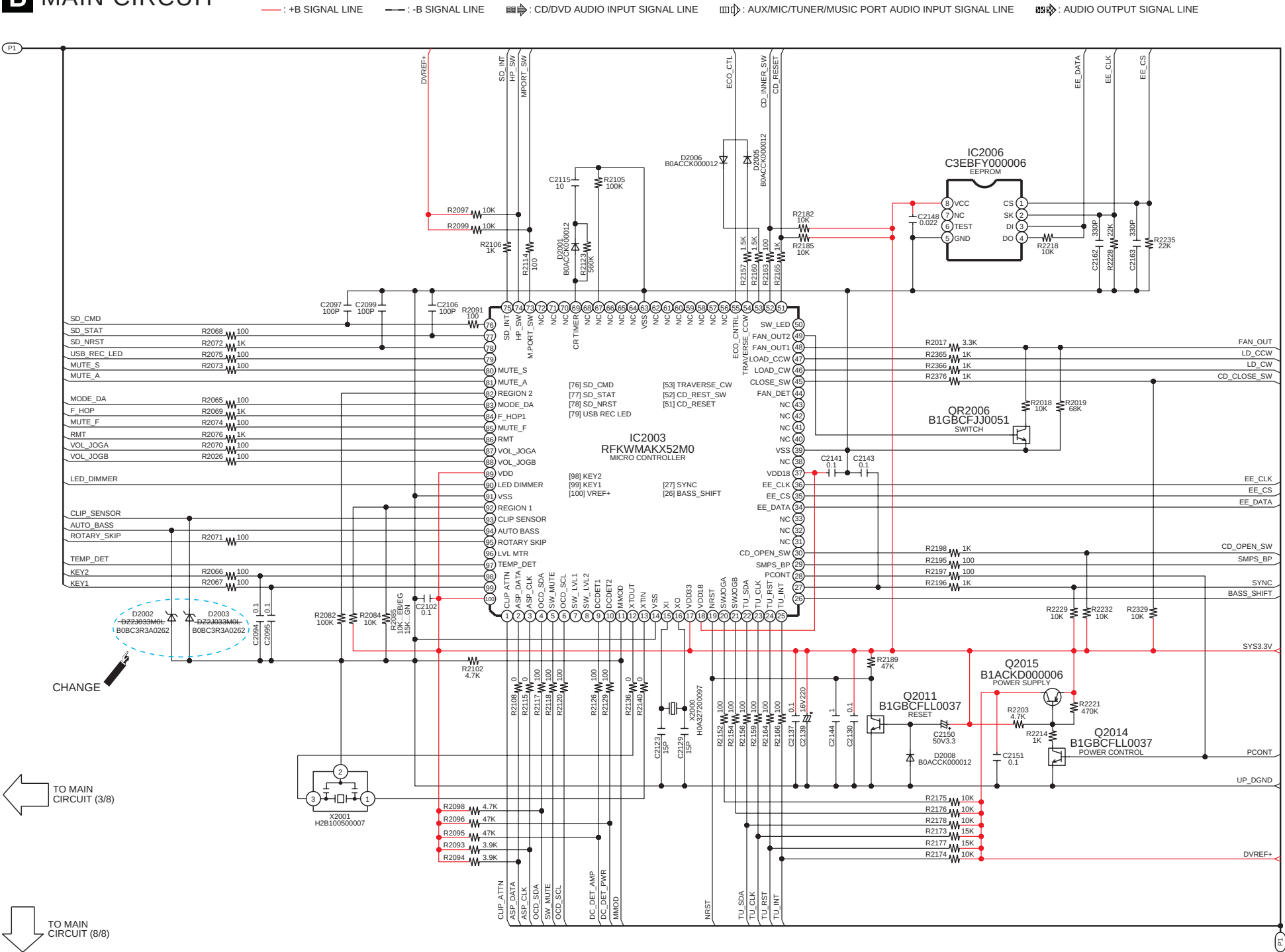


2.3. Main Circuit (SA-AKX52EB/EG/GN-K)

With reference to original service manual (section 17.3) on page 96, 97 & 98.

SCHEMATIC DIAGRAM - 6

B MAIN CIRCUIT



B MAIN CIRCUIT

: AUDIO OUTPUT SIGNAL LINE

TO MAIN
CIRCUIT (6/8)

SA-AKX52EB/EG/GN MAIN CIRCUIT

SCHEMATIC DIAGRAM - 8

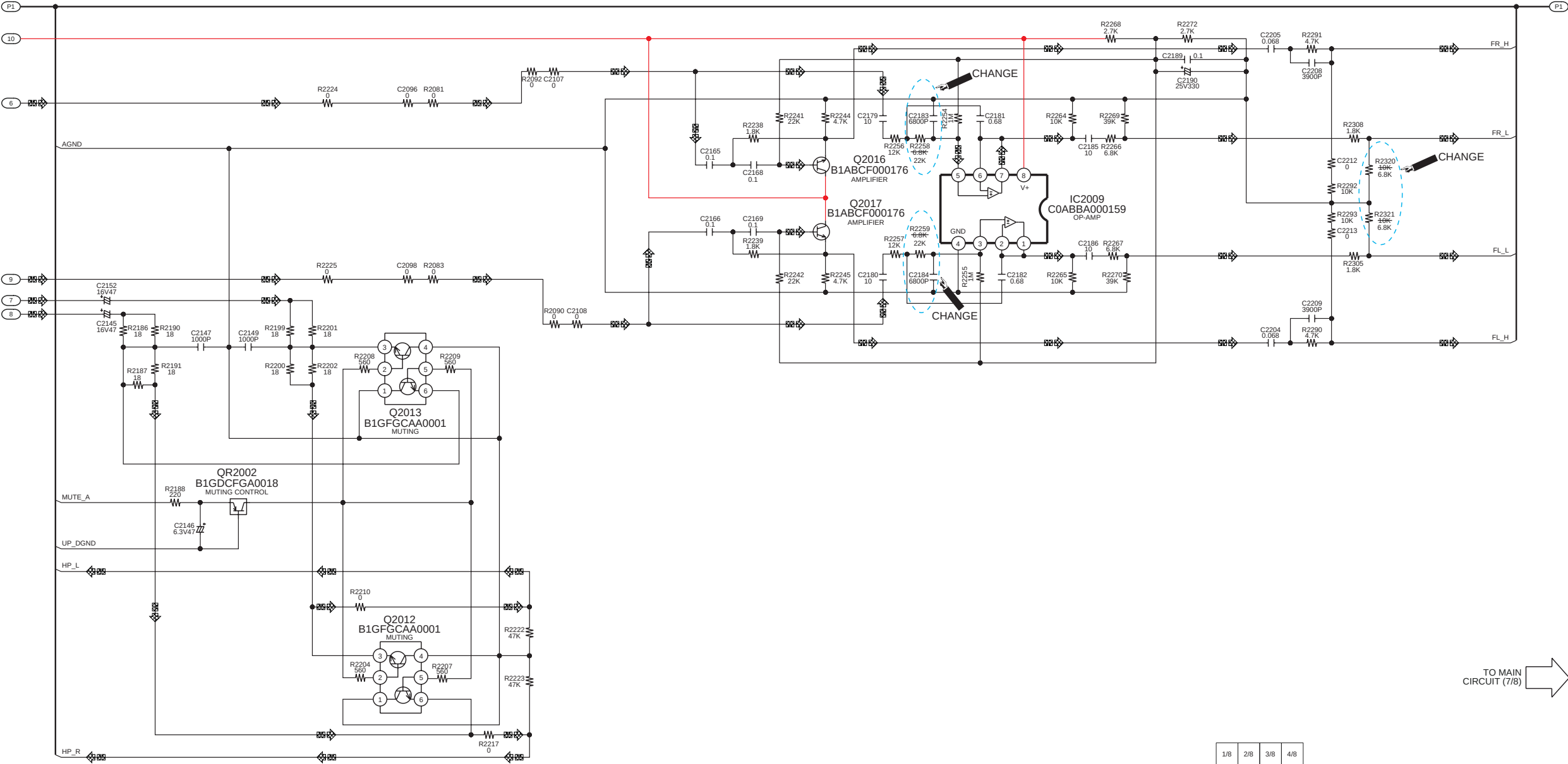
B

MAIN CIRCUIT

— : +B SIGNAL LINE — : -B SIGNAL LINE : CD/DVD AUDIO INPUT SIGNAL LINE : AUX/MIC/TUNER/MUSIC PORT AUDIO INPUT SIGNAL LINE : AUDIO OUTPUT SIGNAL LINE

TO MAIN
CIRCUIT (5/8)

TO MAIN
CIRCUIT (2/8)



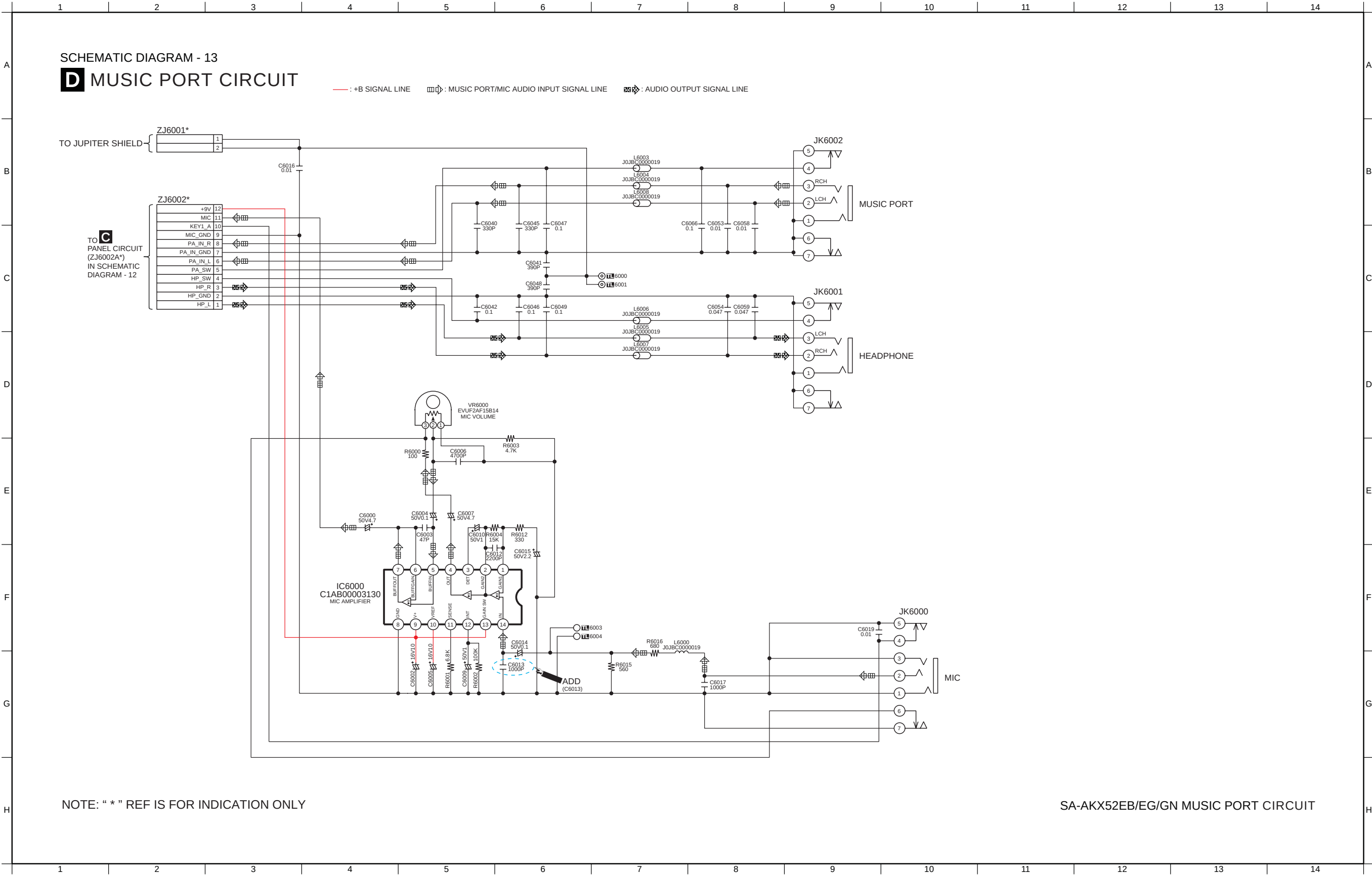
TO MAIN
CIRCUIT (7/8)

1/8	2/8	3/8	4/8
5/8	6/8	7/8	8/8

SA-AKX52EB/EG/GN MAIN CIRCUIT

2.4. Music Port Circuit (SA-AKX52EB/EG/GN-K)

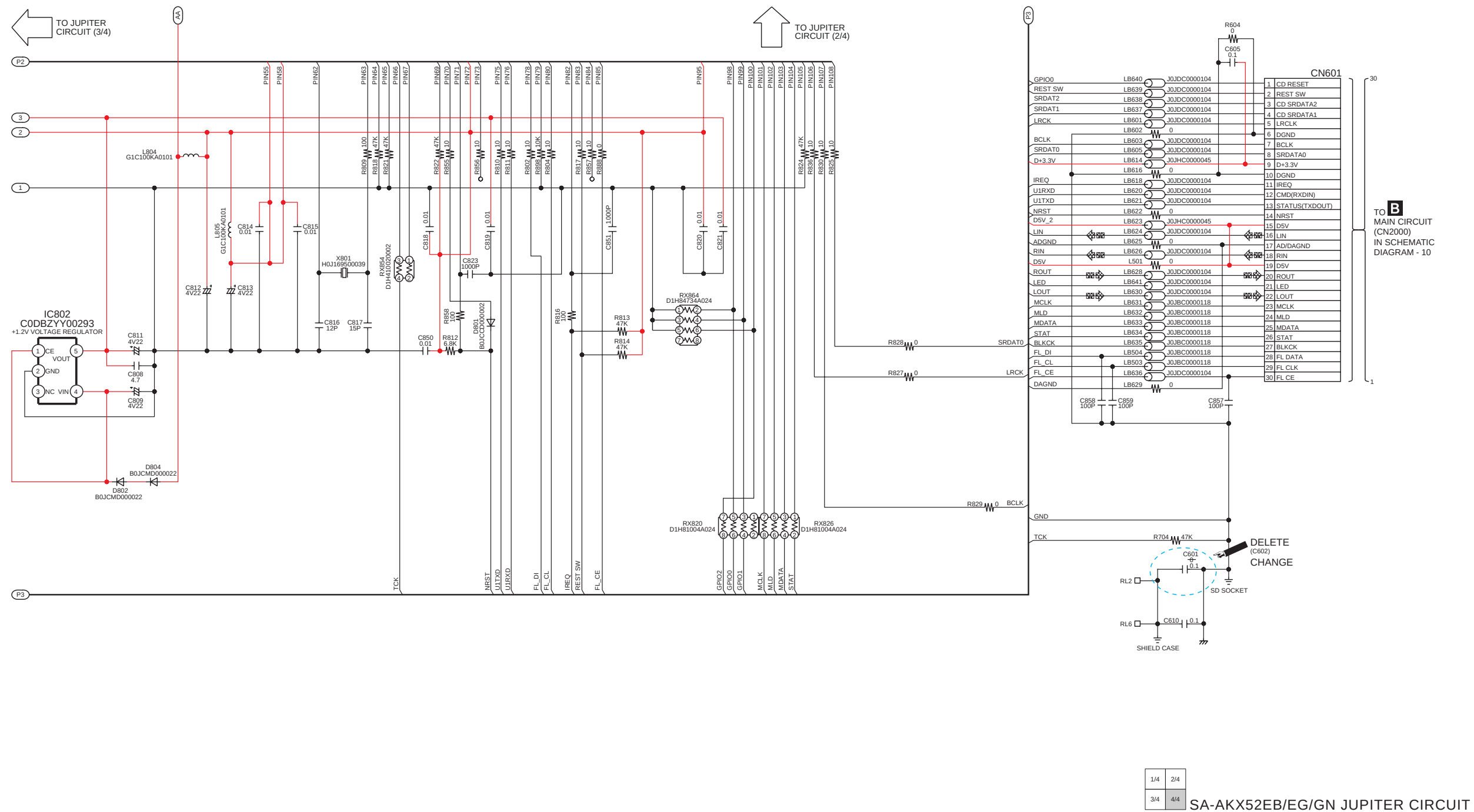
With reference to original service manual (section 17.5) on page 103.



With reference to original service manual (section 17.7) on page 108.

H JUPITER CIRCUIT

— : +B SIGNAL LINE : AUDIO OUTPUT SIGNAL LINE : USB SIGNAL LINE

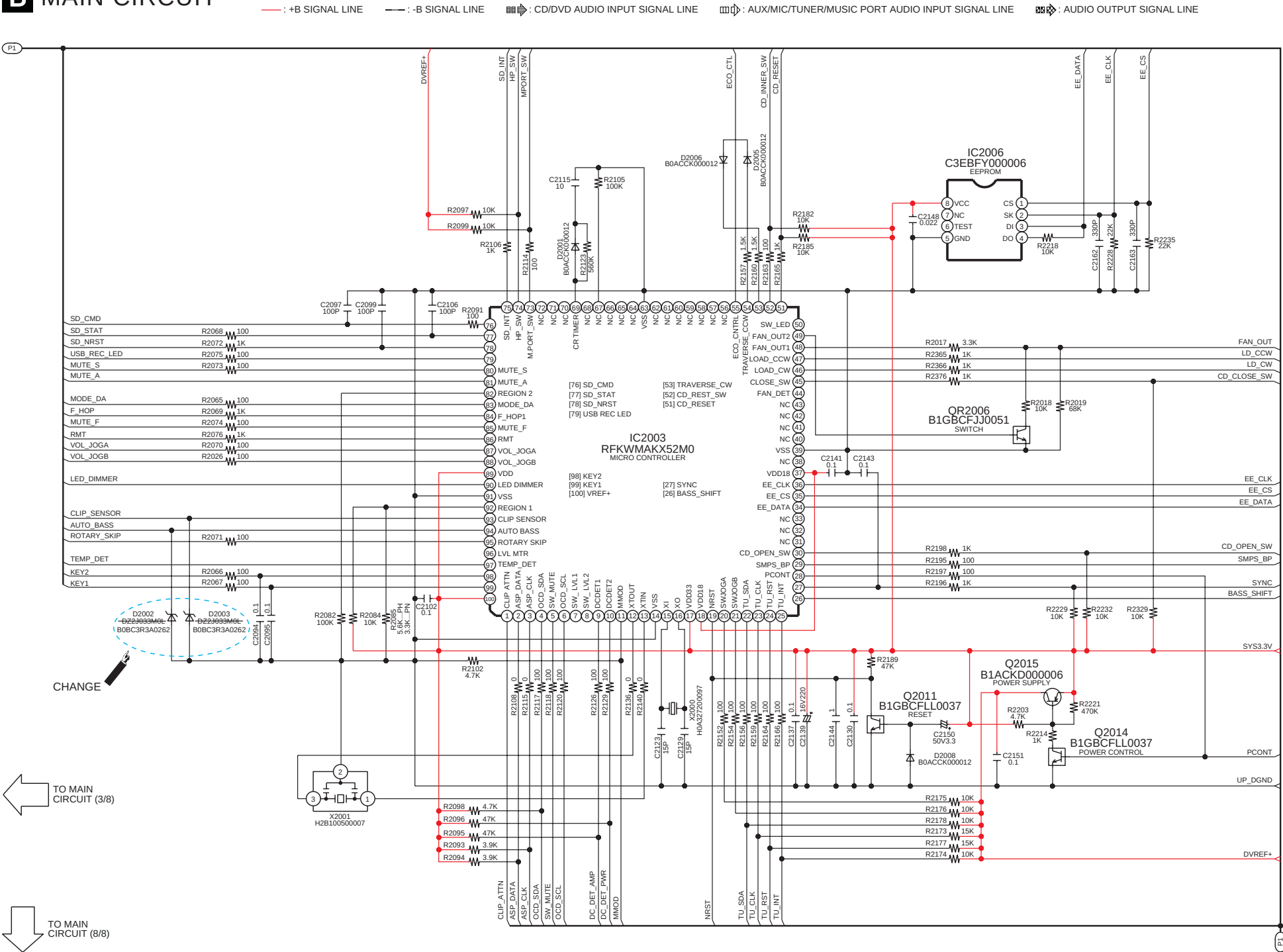


2.7. Main Circuit (SA-AKX52PH/PN-K)

With reference to original service manual (section 17.3) on page 98, 99 & 100.

SCHEMATIC DIAGRAM - 6

B MAIN CIRCUIT

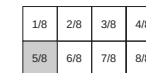


B MAIN CIRCUIT

—: -B SIGNAL LINE

: AUX/MIC/TUNER/MUSIC PORT AUDIO INPUT SIGNAL LINE

↑ TO MAIN
CIRCUIT (1/8)



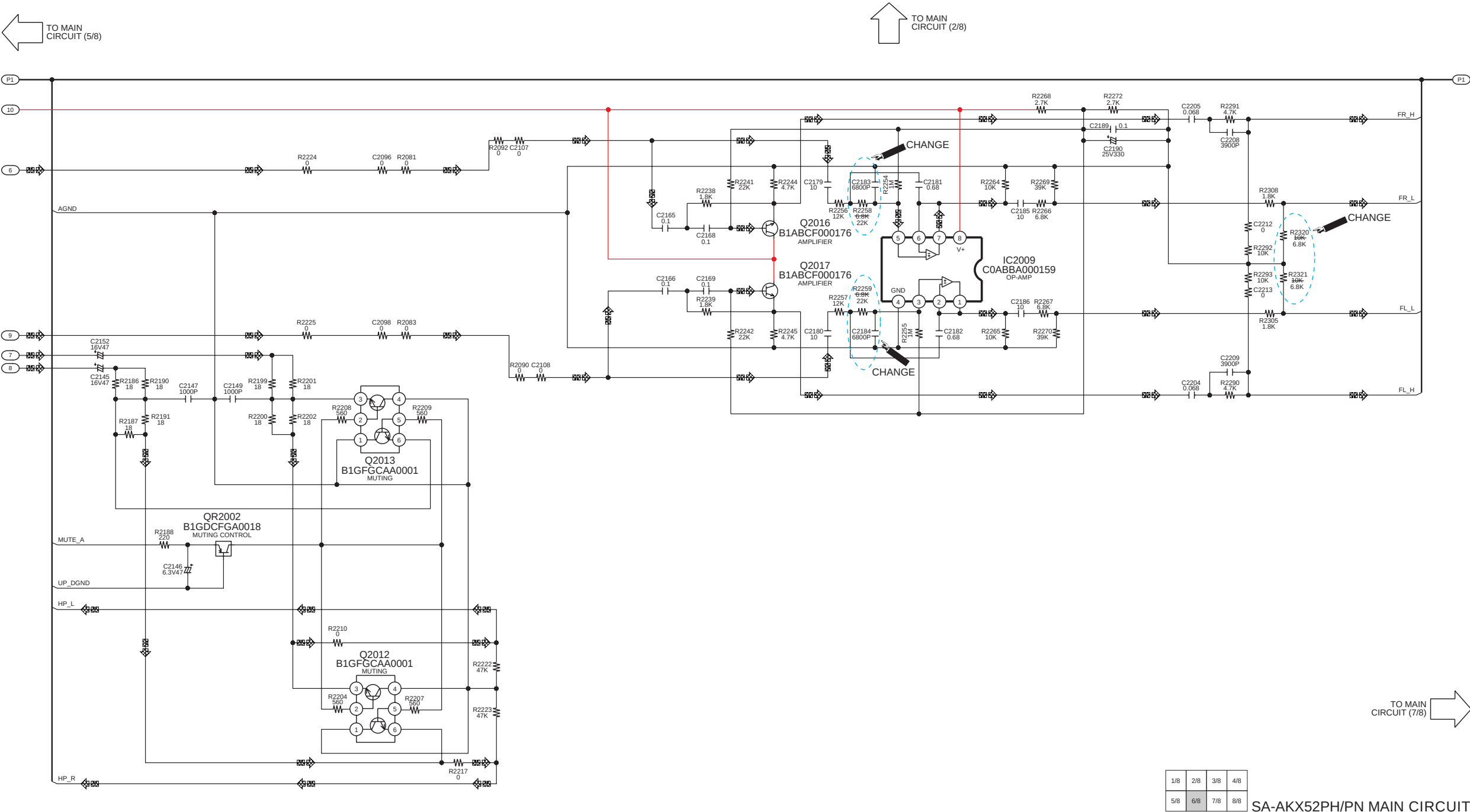
SA-AKX52PH/PN MAIN CIRCUIT

SCHEMATIC DIAGRAM - 8

B

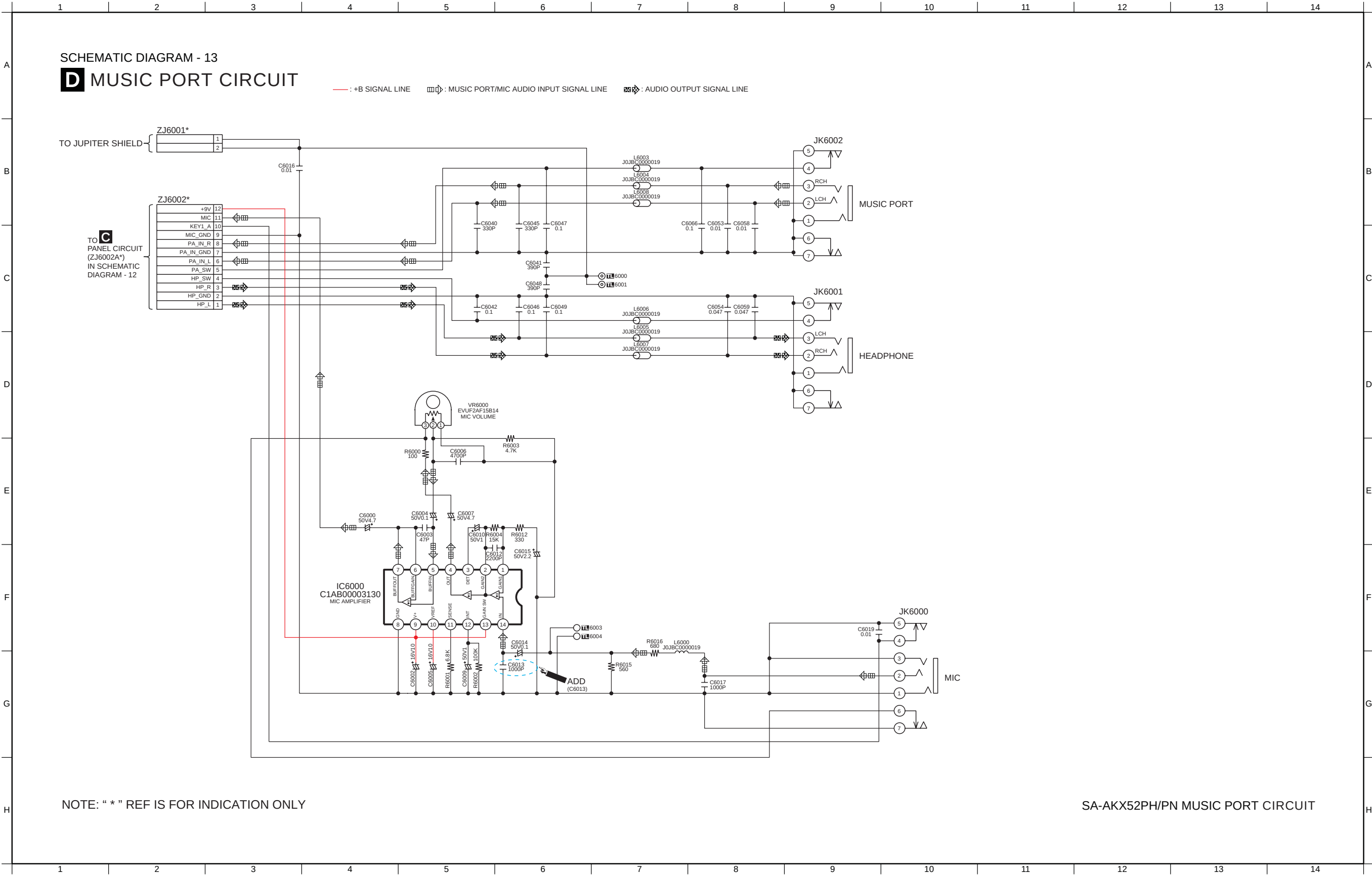
MAIN CIRCUIT

— : +B SIGNAL LINE — : -B SIGNAL LINE : CD/DVD AUDIO INPUT SIGNAL LINE : AUX/MIC/TUNER/MUSIC PORT AUDIO INPUT SIGNAL LINE : AUDIO OUTPUT SIGNAL LINE



2.8. Music Port Circuit (SA-AKX52PH/PN-K)

With reference to original service manual (section 17.5) on page 105.



With reference to original service manual (section 17.6) on page 106.



With reference to original service manual (section 17.7) on page 110.

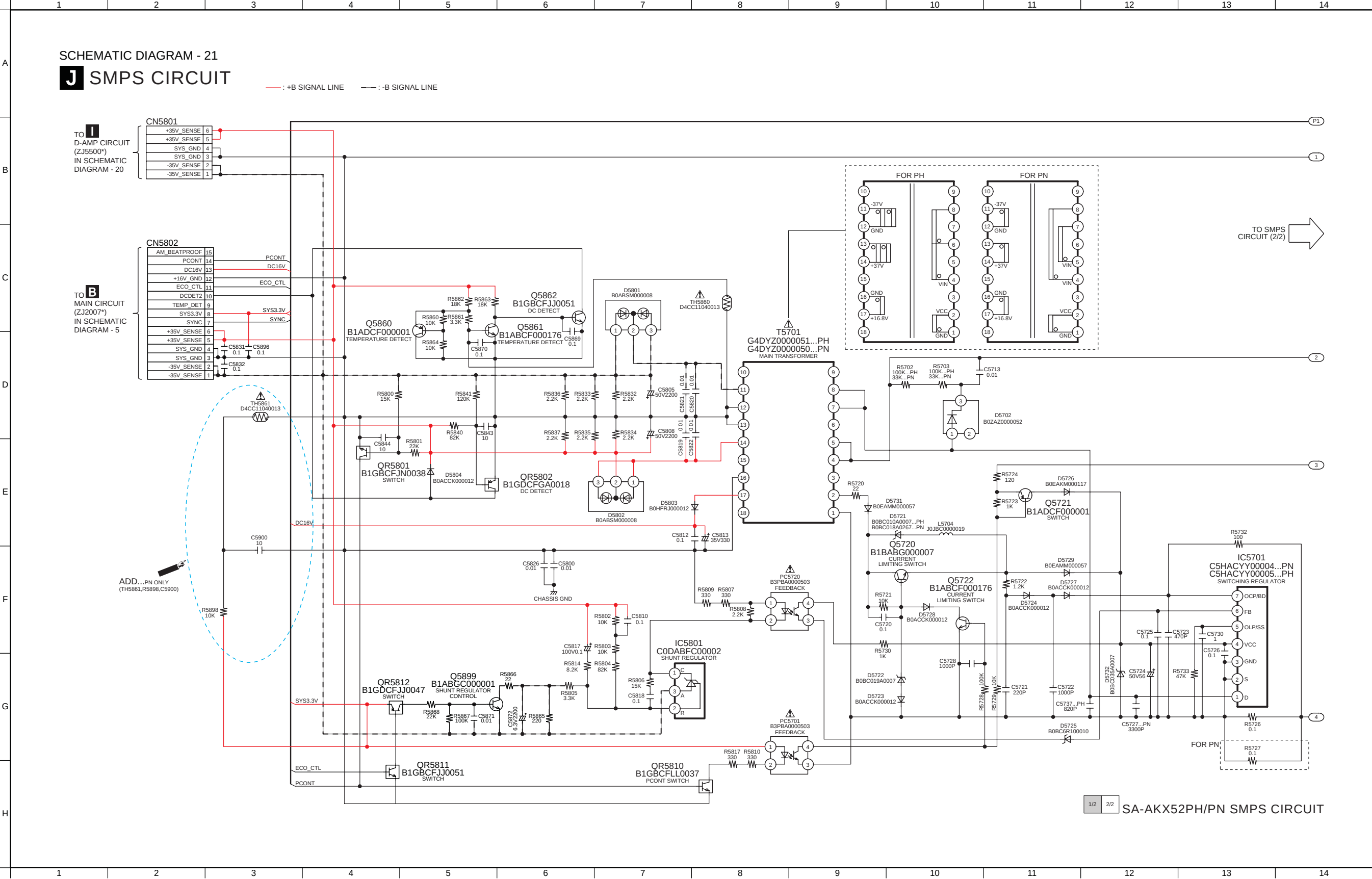
H JUPITER CIRCUIT

—: +B SIGNAL LINE : AUDIO OUTPUT SIGNAL LINE : USB SIGNAL LINE



2.11. SMPS Circuit (SA-AKX52PH/PN-K)

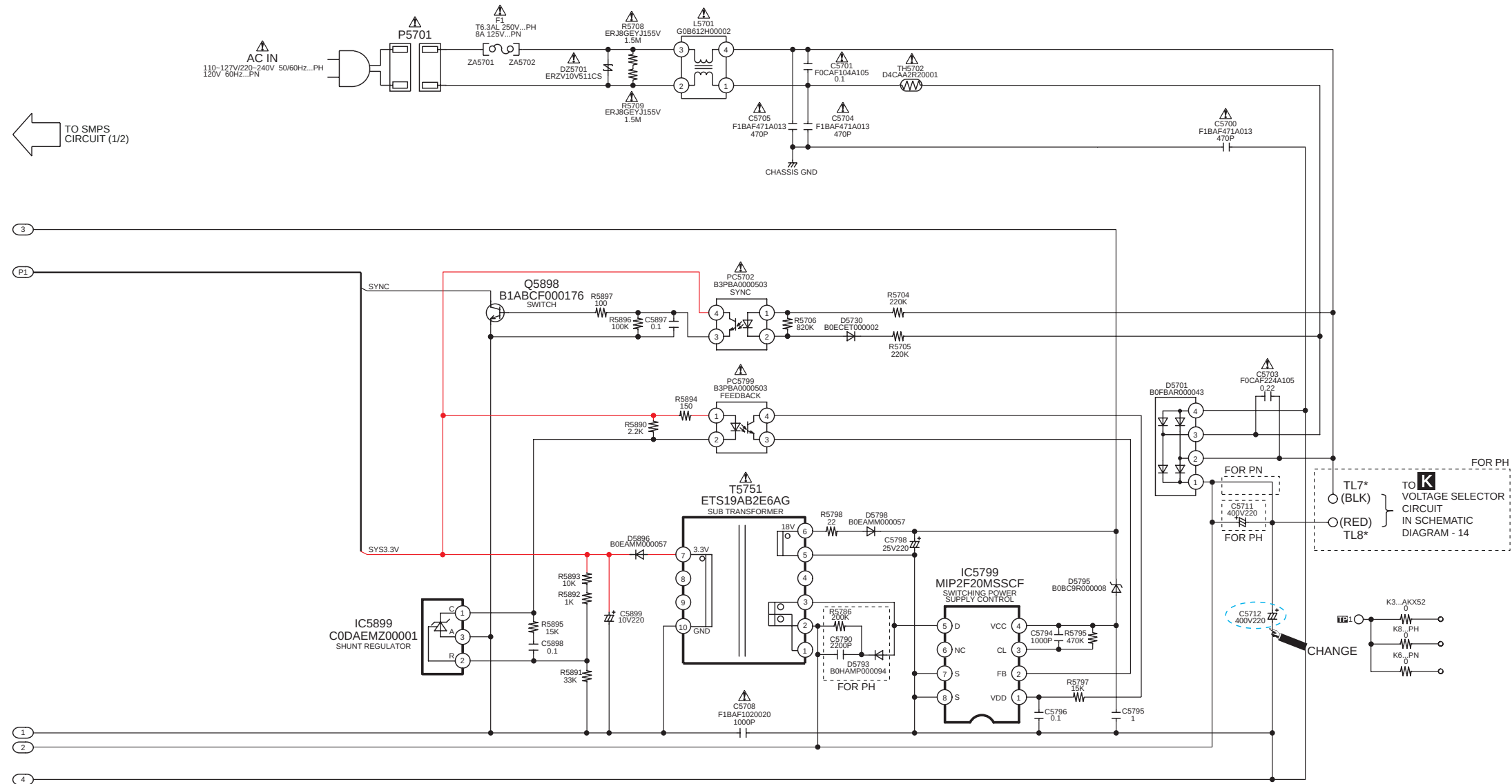
With reference to original service manual (section 17.9) on page 113 & 114.



SCHEMATIC DIAGRAM - 22

J SMPS CIRCUIT

— : +B SIGNAL LINE — : -B SIGNAL LINE



NOTE: " * " REF IS FOR INDICATION ONLY

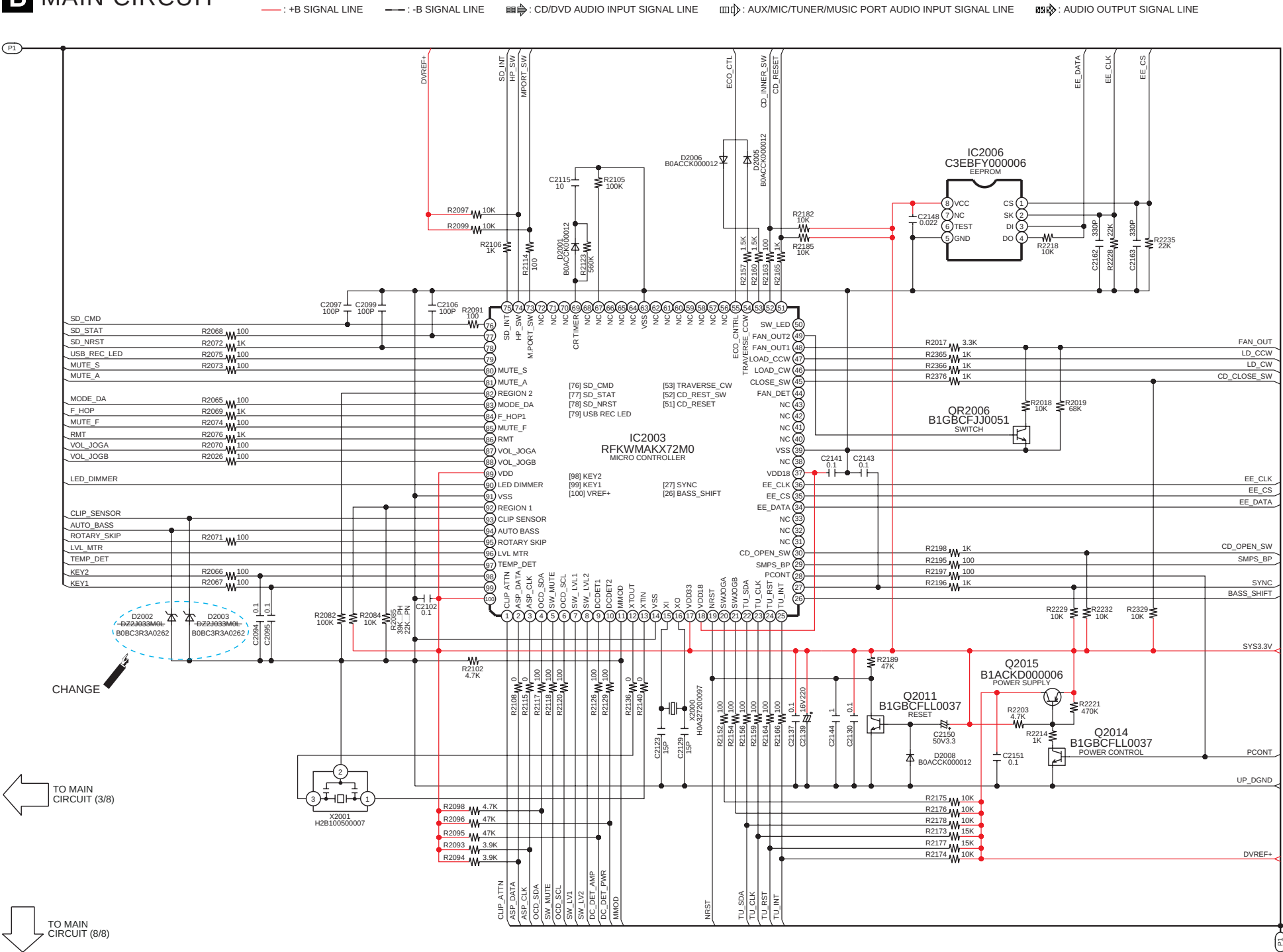
1/2 2/2 SA-AKX52PH/PN SMPS CIRCUIT

2.12. Main Circuit (SA-AKX72PH/PN-K)

With reference to original service manual (section 17.7) on page 102, 103 & 104.

SCHEMATIC DIAGRAM - 6

B MAIN CIRCUIT



1/8	2/8	3/8	4/8
5/8	6/8	7/8	8/8

SA-AKX72PH/PN MAIN CIRCUIT

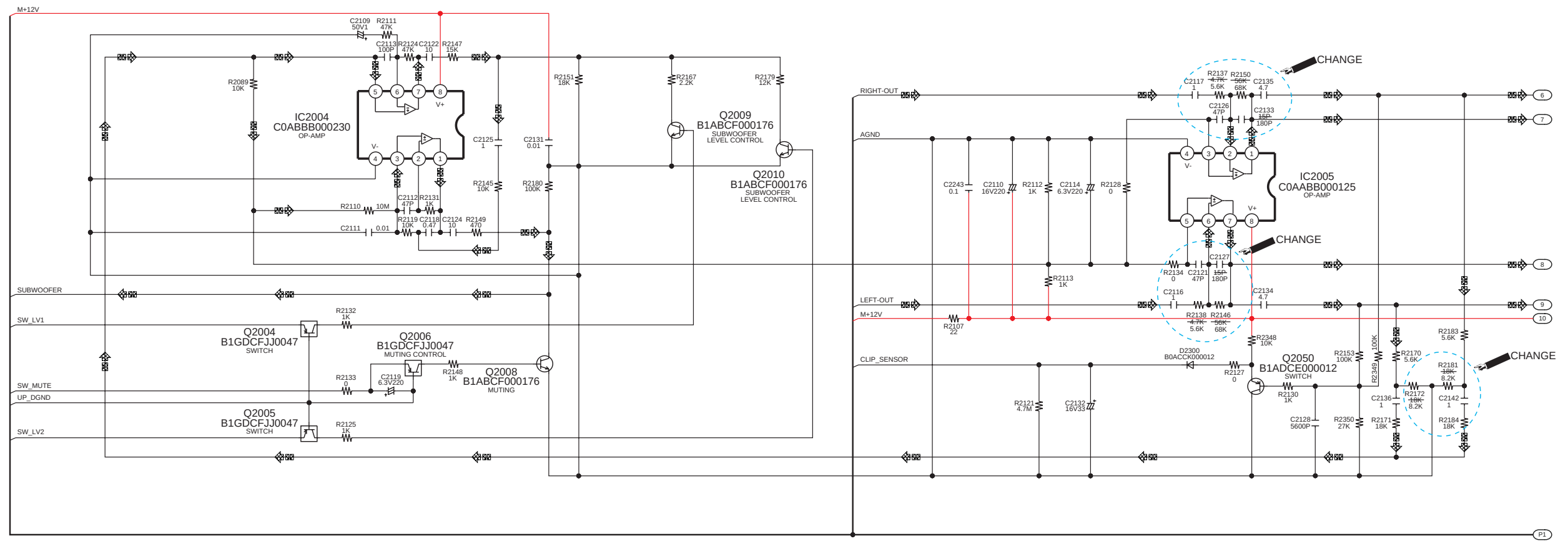
SCHEMATIC DIAGRAM - 7

B MAIN CIRCUIT

—+ : +B SIGNAL LINE —- : -B SIGNAL LINE : CD/DVD AUDIO INPUT SIGNAL LINE : AUX/MIC/TUNER/MUSIC PORT AUDIO INPUT SIGNAL LINE : AUDIO OUTPUT SIGNAL LINE

↑
TO MAIN
CIRCUIT (1/8)

→
TO MAIN
CIRCUIT (6/8)



1/8	2/8	3/8	4/8
5/8	6/8	7/8	8/8

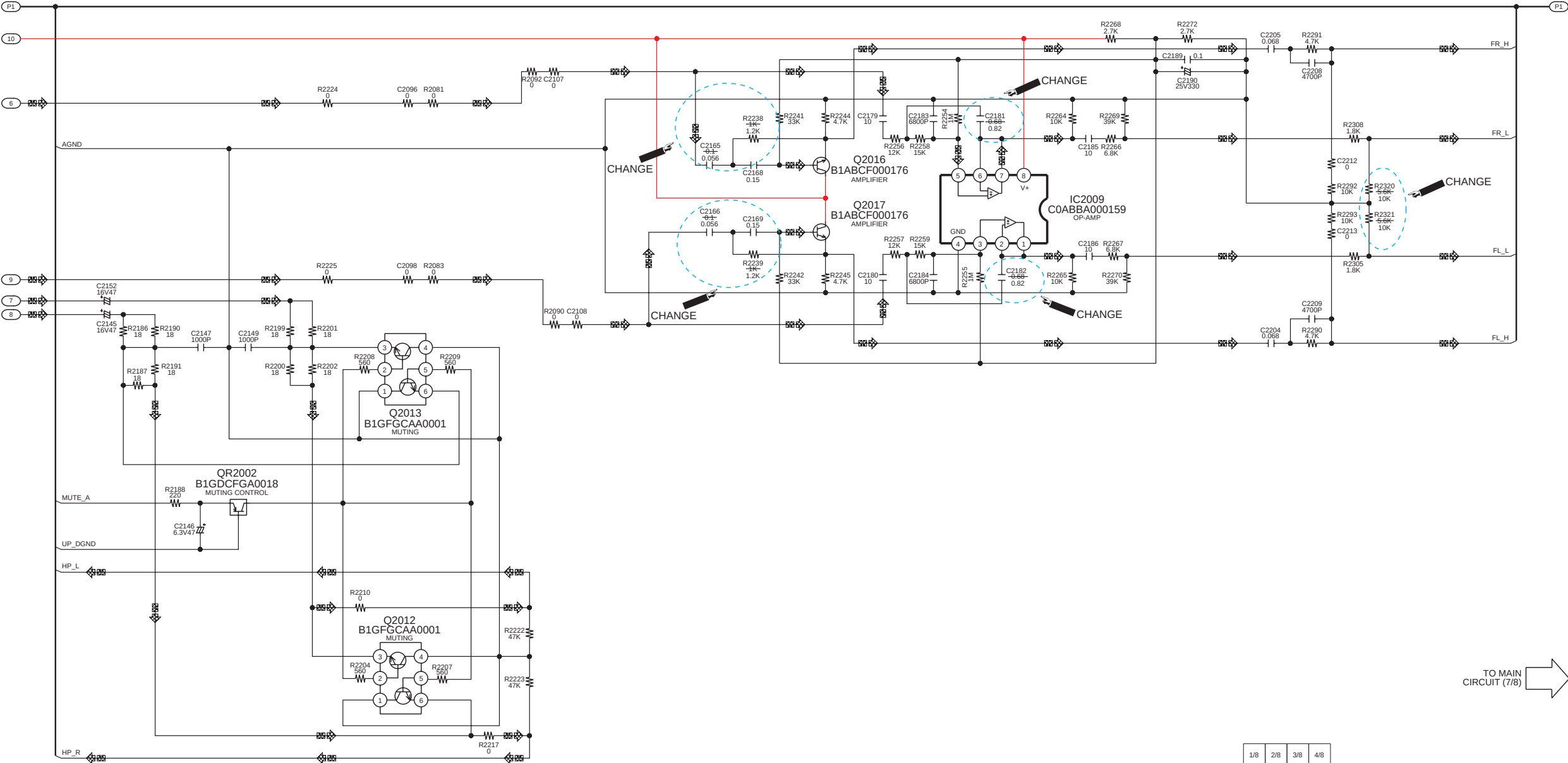
SA-AKX72PH/PN MAIN CIRCUIT

SCHEMATIC DIAGRAM - 8
B MAIN CIRCUIT

— : +B SIGNAL LINE — : -B SIGNAL LINE : CD/DVD AUDIO INPUT SIGNAL LINE : AUX/MIC/TUNER/MUSIC PORT AUDIO INPUT SIGNAL LINE : AUDIO OUTPUT SIGNAL LINE

TO MAIN
CIRCUIT (5/8)

TO MAIN
CIRCUIT (2/8)



TO MAIN
CIRCUIT (7/8)

1/8	2/8	3/8	4/8
5/8	6/8	7/8	8/8

SA-AKX72PH/PN MAIN CIRCUIT

With reference to original service manual (section 17.6) on page 110.

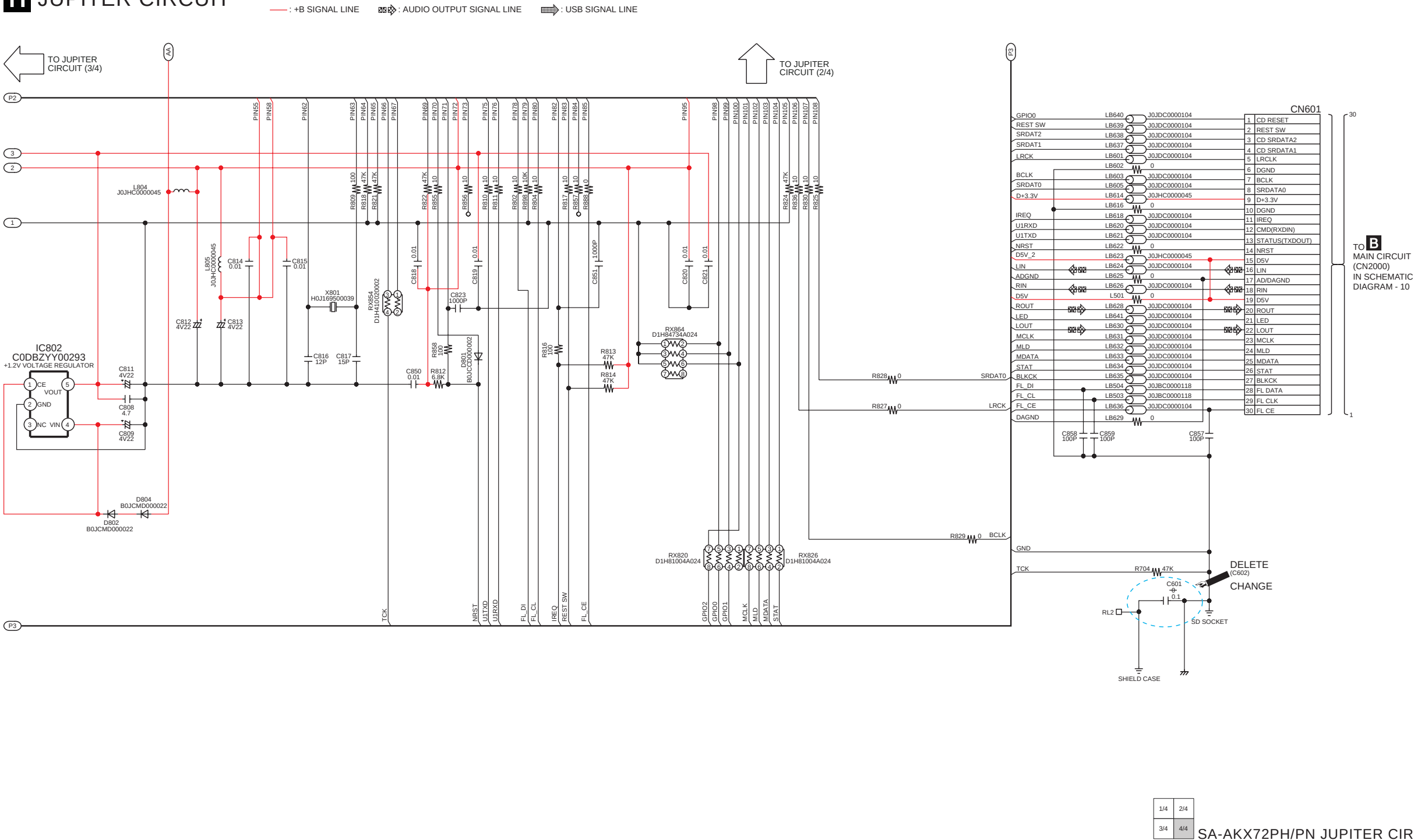


2.14. Jupiter Circuit (SA-AKX72PH/PN-K)

With reference to original service manual (section 17.7) on page 114.

SCHEMATIC DIAGRAM - 18

JUPITER CIRCUIT



With reference to original service manual (section 17.9) on page 117.

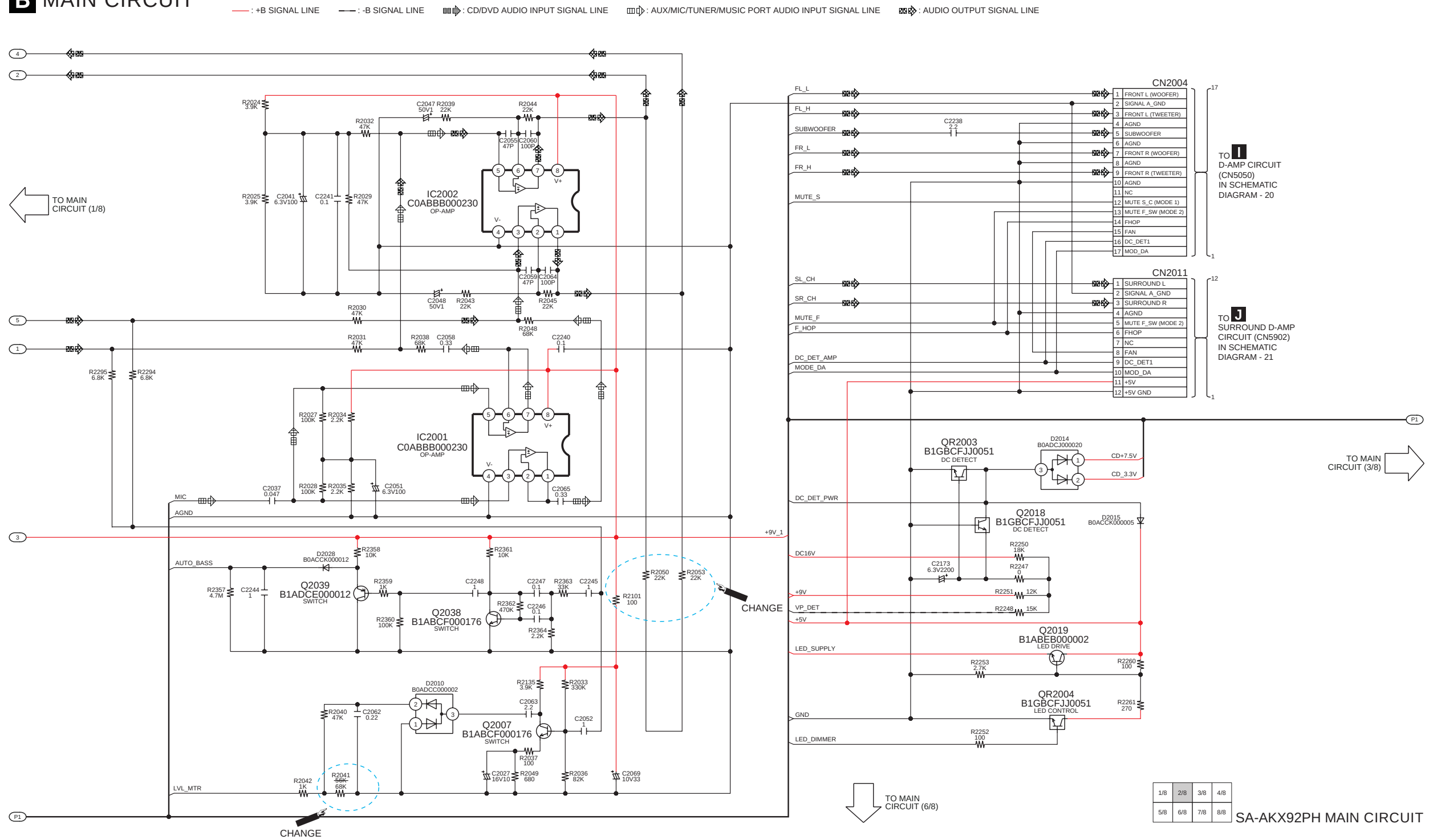


With reference to original service manual (section 17.3) on page 107, 108, 100, 111, 112 & 113.



SCHEMATIC DIAGRAM - 4

B MAIN CIRCUIT



B MAIN CIRCUIT

1/8	2/8	3/8	4/8
5/8	6/8	7/8	8/8

SA-AKX92PH MAIN CIRCUIT

B MAIN CIRCUIT

↑ TO MAIN
CIRCUIT (1/8)

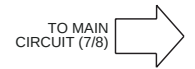
TO MAIN
CIRCUIT (6/8) 



B MAIN CIRCUIT

TO MAIN
CIRCUIT (5/8)

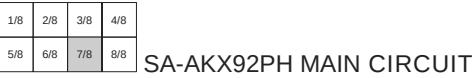
↑ TO MAIN
CIRCUIT (2/8)



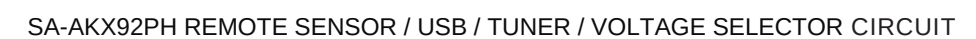
1/8	2/8	3/8	4/8
5/8	6/8	7/8	8/8

SA-AKX92PH MAIN CIRCUIT

B MAIN CIRCUIT



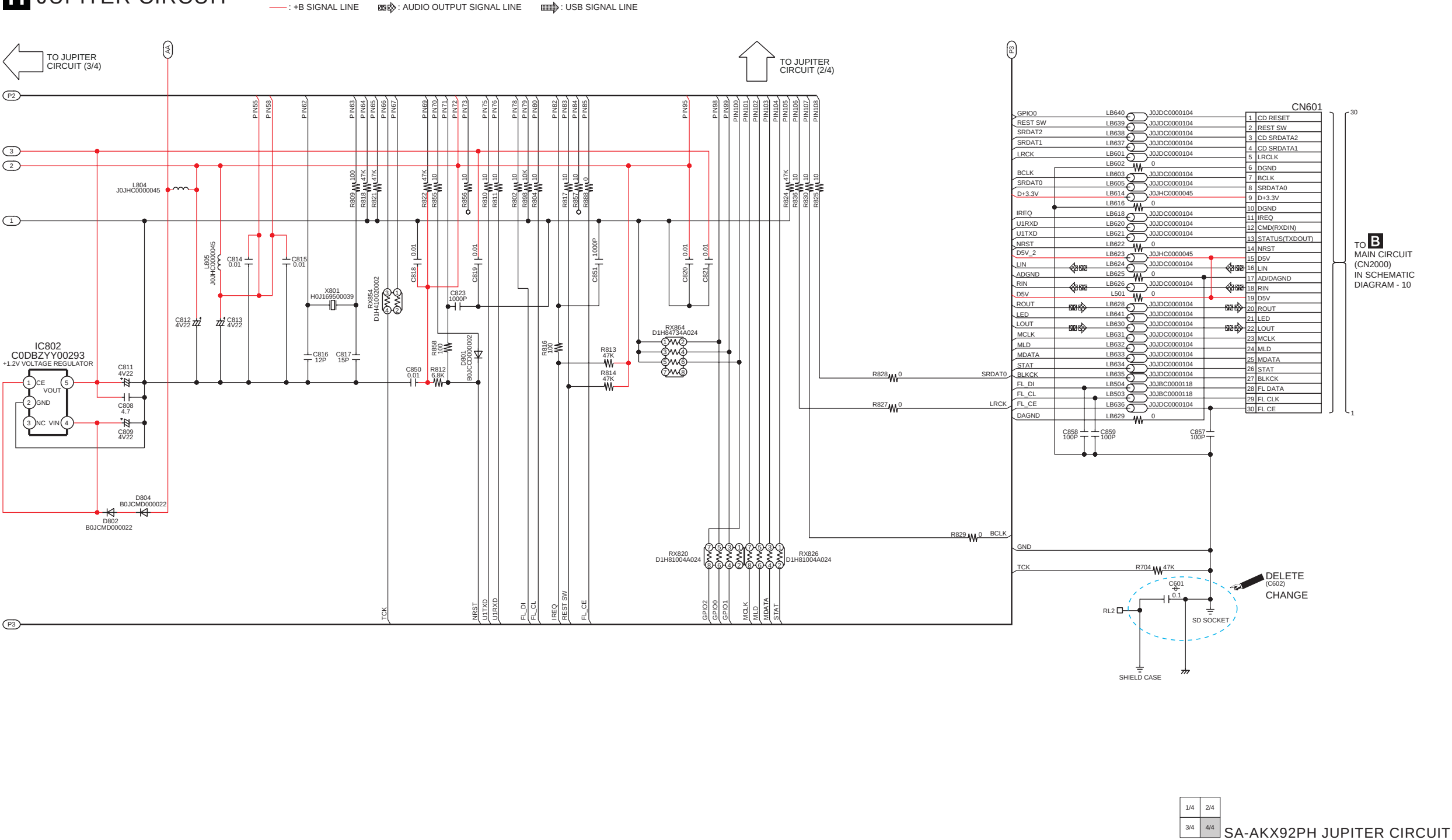
With reference to original service manual (section 17.6) on page 118.



2.18. Jupiter Circuit (SA-AKX92PH-K)

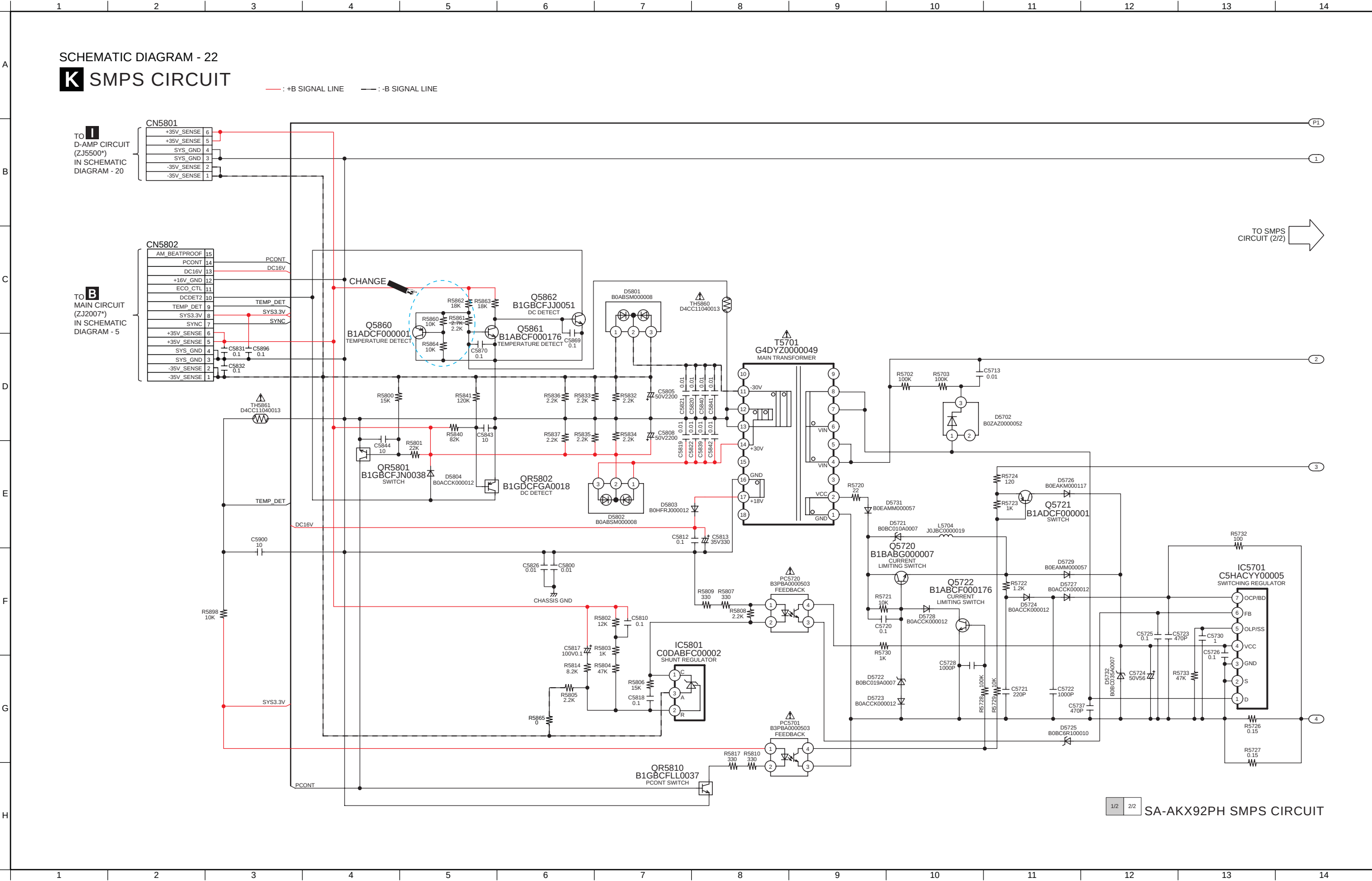
With reference to original service manual (section 17.7) on page 122.

SCHEMATIC DIAGRAM - 18
H JUPITER CIRCUIT



2.19. SMPS Circuit (SA-AKX92PH-K)

With reference to original service manual (section 17.10) on page 126.



3.1. Music Port, USB, Remote Sensor & Tuner P.C.B. (SA-AKX32PH/PN/PR-K)

H
G
F
E
D
C
B
A

D MUSIC PORT P.C.B. (REPX0887KB...PH/PR)
(REPX0887HB...PN)

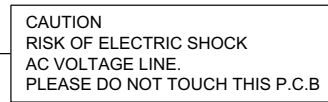
E REMOTE SENSOR P.C.B. (REPX0887KD...PH/PR)
(REPX0887HD...PN)

NOTE: "*" REF IS FOR INDICATION ONLY.

F USB P.C.B. (REPX0887KE...PH/PR)
(REPX0887HE...PN)

With reference to original service manual (section 18.7) on page 119.

A vertical number line with tick marks labeled A, B, C, D, E, F, G, and H from bottom to top.



AC IN ~
120V 60Hz

TO SPEAKERS

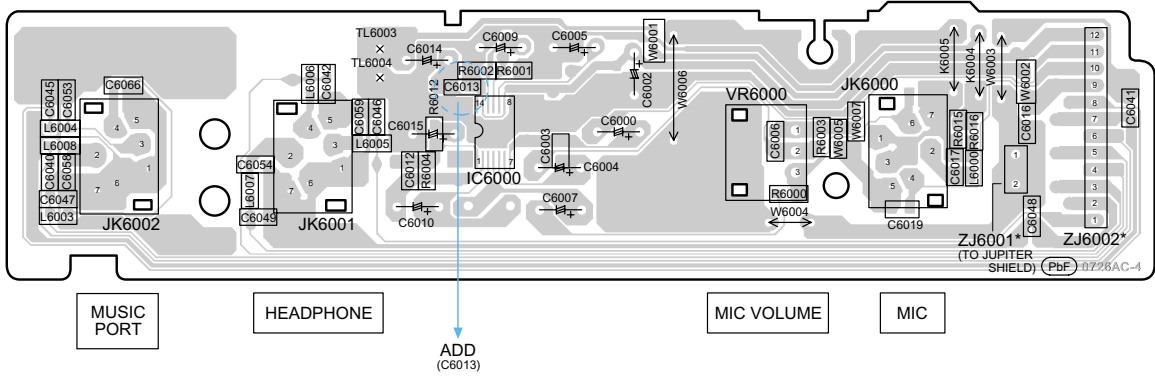
 0677B

SA-AKX32PH/PN/PR
D-AMP / SMPS P.C.B.

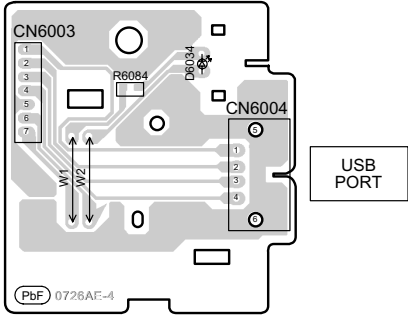
3.3. Music Port, Remote Sensor, USB & Tuner P.C.B. (SA-AKX52EB/EG/GN-K)

With reference to original service manual (section 18.4) on page 116.

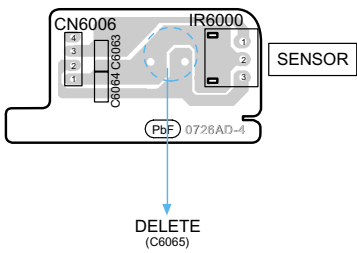
D MUSIC PORT P.C.B. (REPX0887EB...EB/EG)
(REPX0887GB...GN)



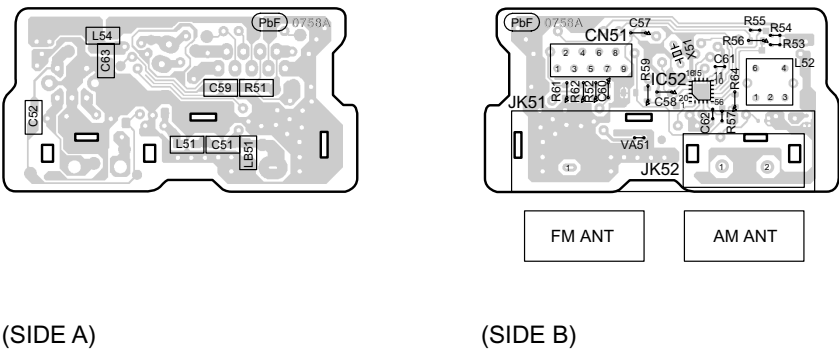
F USB P.C.B. (REPX0887EE...EB/EG)
(REPX0887GE...GN)



E REMOTE SENSOR P.C.B. (REPX0887ED...EB/EG)
(REPX0887GD...GN)



G TUNER P.C.B. (REPX0928B...EB/EG)
(REPX0928A...GN)



NOTE: " * " REF IS FOR INDICATION ONLY.

SA-AKX52EB/EG/GN
MUSIC PORT / REMOTE SENSOR / USB / TUNER P.C.B.

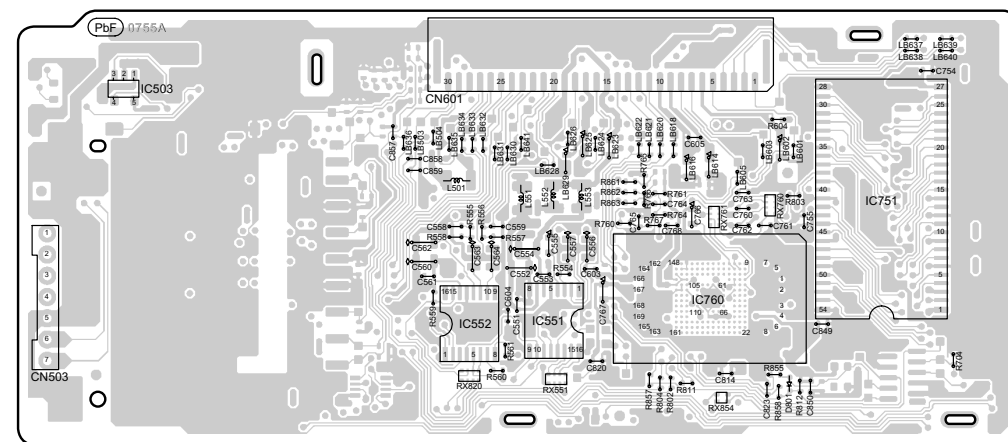
With reference to original service manual (section 18.5) on page 117.

With reference to original service manual (section 18.5) on page 117.

H JUPITER P.C.B. (RFKBX0922C)



(SIDE A)



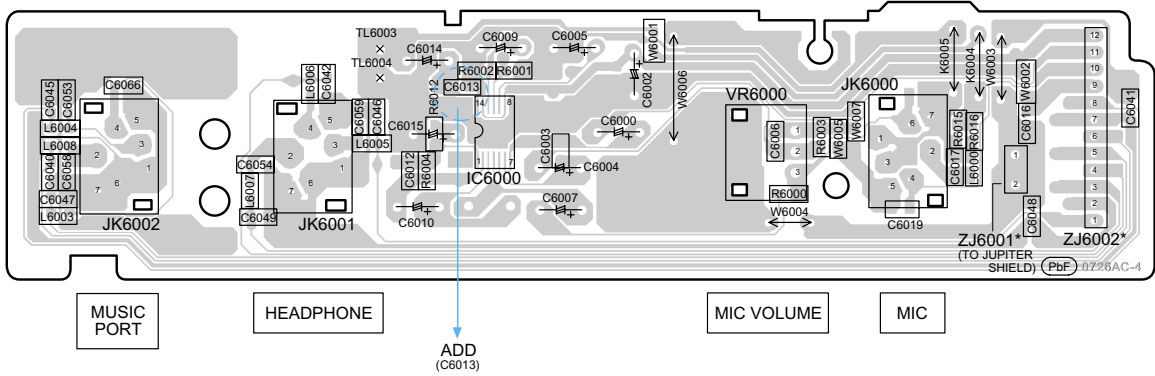
(SIDE B)

SA-AKX52EB/EG/GN
JUPITER P.C.B.

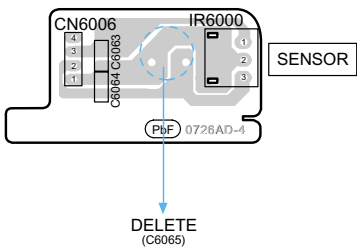
3.5. Music Port, Remote Sensor, USB & Tuner P.C.B. (SA-AKX52PH/PN-K)

With reference to original service manual (section 18.4) on page 118.

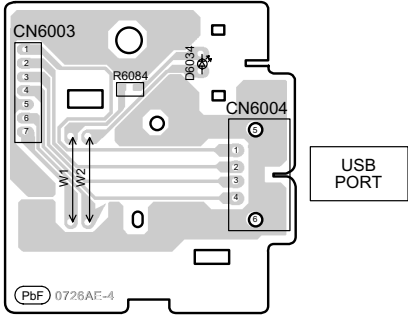
D MUSIC PORT P.C.B. (REPX0887FB...PH)
(REPX0887DB...PN)



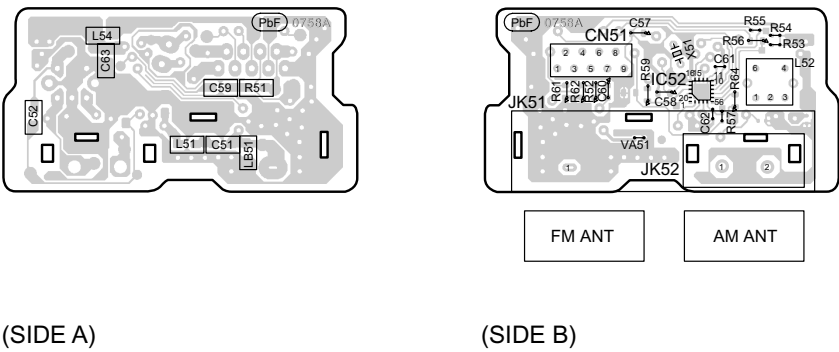
E REMOTE SENSOR P.C.B. (REPX0887FD...PH)
(REPX0887DD...PN)



F USB P.C.B. (REPX0887FE...PH)
(REPX0887DE...PN)



G TUNER P.C.B. (REPX0928A)

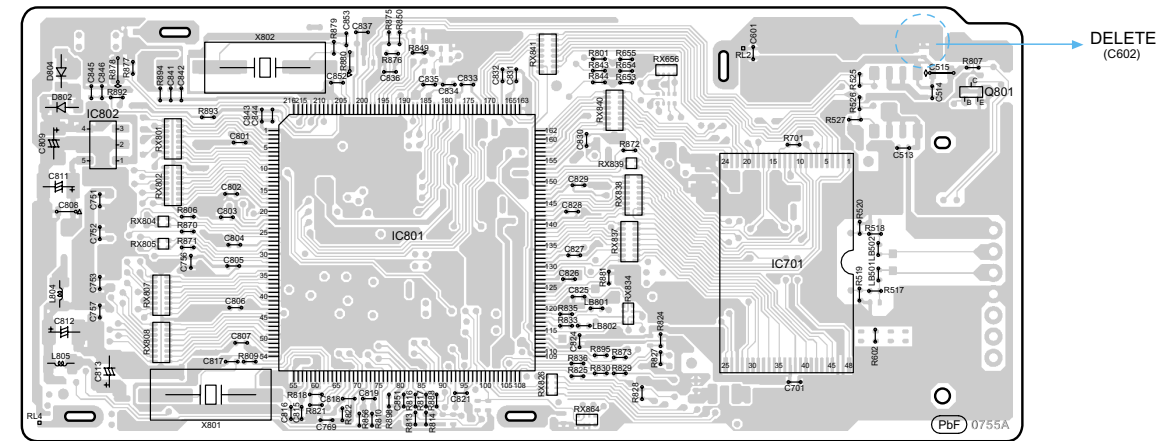


NOTE: " * " REF IS FOR INDICATION ONLY.

SA-AKX52PH/PN
MUSIC PORT / REMOTE SENSOR / USB / TUNER P.C.B.

With reference to original service manual (section 18.5) on page 119.

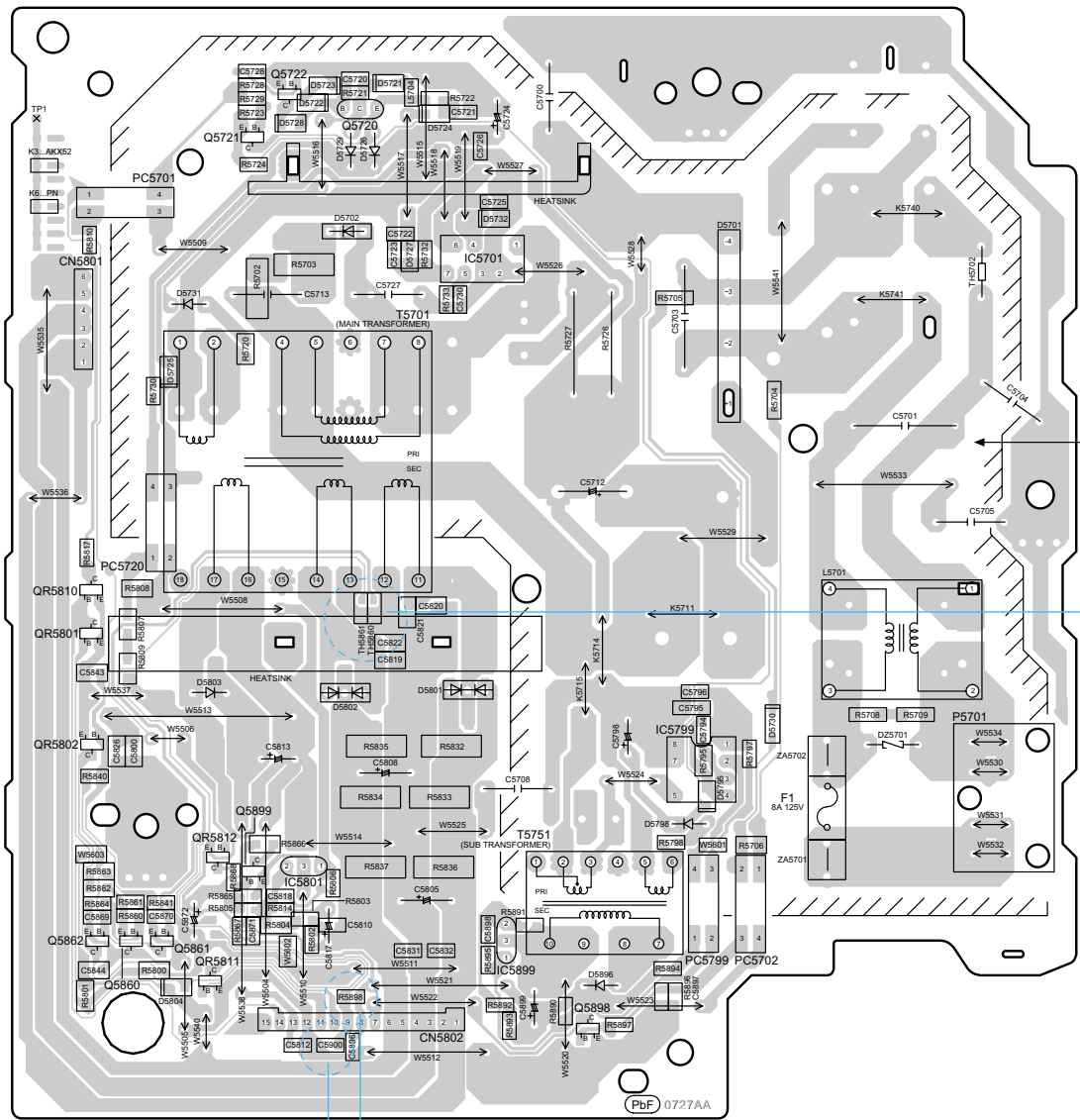
With reference to original service manual (section 18.5) on page 119.

SA-AKX52PH/PN
JUPITER P.C.B.

3.7. SMPS P.C.B. (SA-AKX52PH/PN-K)

With reference to original service manual (section 18.7) on page 122.

J SMPS P.C.B. (REPX0886D...PN)



CAUTION
RISK OF ELECTRIC SHOCK
AC VOLTAGE LINE.
PLEASE DO NOT TOUCH THIS P.C.B.

ADD
(TH5861)

AC IN ~
120V 60Hz

ADD
(R5898)
ADD
(C5900)

NOTE: " " REF IS FOR INDICATION ONLY.

SA-AKX52PH/PN
SMPS P.C.B.

With reference to original service manual (section 18.2) on page 120.

B MAIN P.C.B. (REPX0887CA...PH)
(REPX0887BA...PN)

AUX IN

ADD (C2192)

ADD (R2050)

ADD (R2053)

ADD (C2193)

ADD (R2101)

ADD (R2246)

NOTE: " * " REF IS FOR INDICATION ONLY.

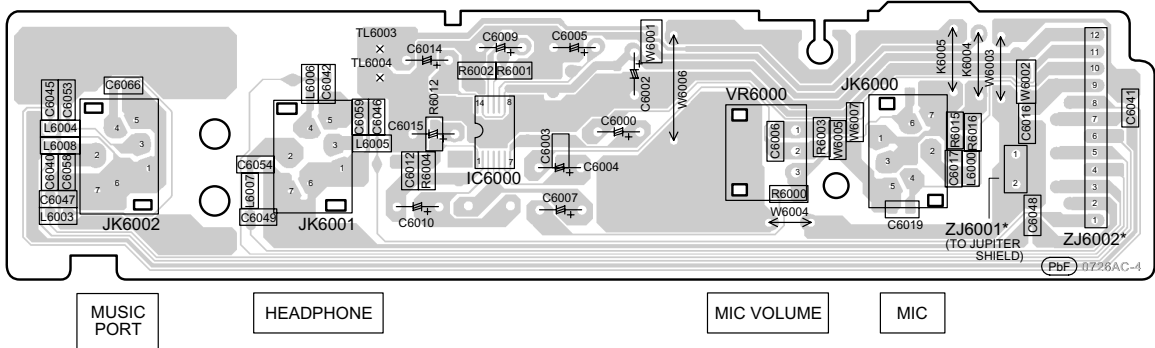
SA-AKX72PH/PN
MAIN P.C.B.

43

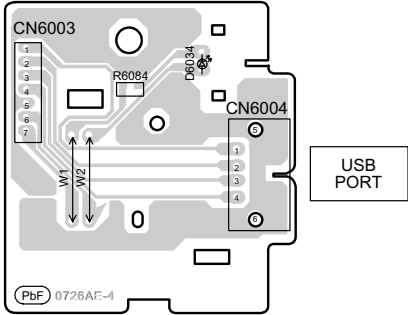
3.9. Music Port, USB, Remote Sensor & Tuner P.C.B. (SA-AKX72PH/PN-K)

With reference to original service manual (section 18.4) on page 122.

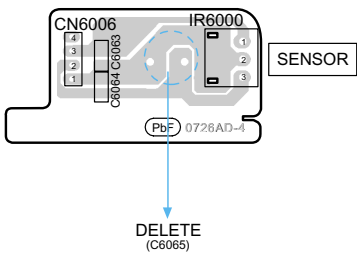
D MUSIC PORT P.C.B. (REPX0887CB...PH)
(REPX0887BB...PN)



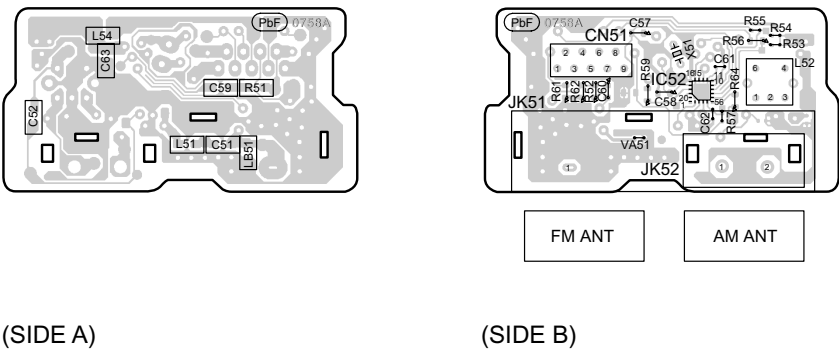
F USB P.C.B. (REPX0887CE...PH)
(REPX0887BE...PN)



E REMOTE SENSOR P.C.B. (REPX0887CD...PH)
(REPX0887BD...PN)



G TUNER P.C.B. (REPX0928A)



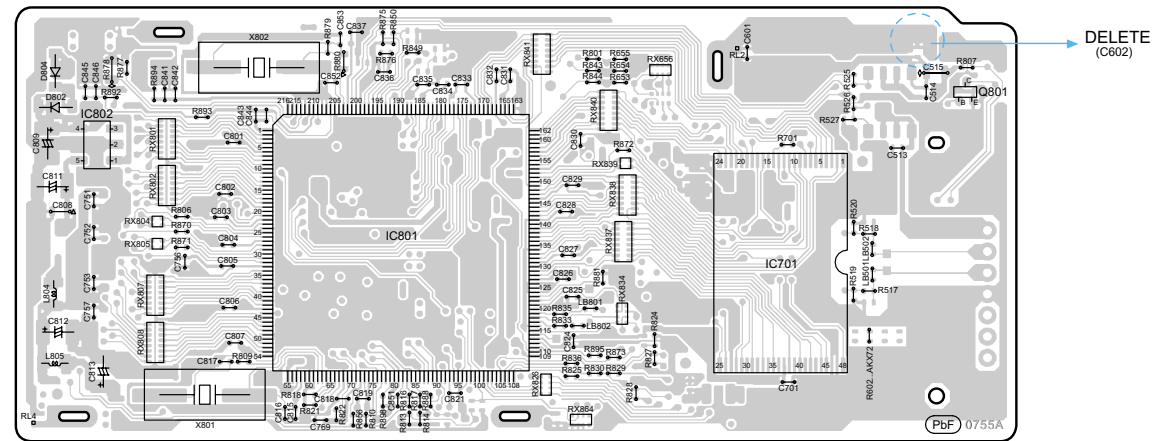
NOTE: " * " REF IS FOR INDICATION ONLY.

SA-AKX72PH/PN
MUSIC PORT / REMOTE SENSOR / USB / TUNER P.C.B.

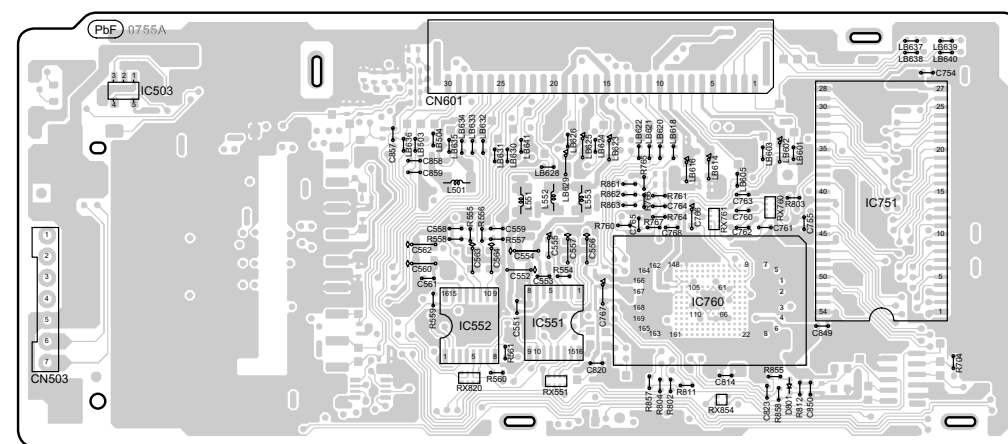
With reference to original service manual (section 18.5) on page 123.

With reference to original service manual (section 18.5) on page 123.

H JUPITER P.C.B. (RFKBX0922B)



(SIDE A)



(SIDE B)

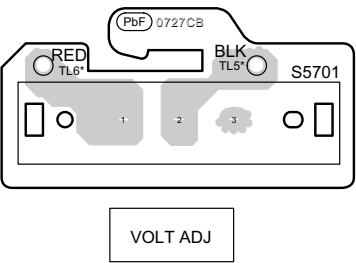
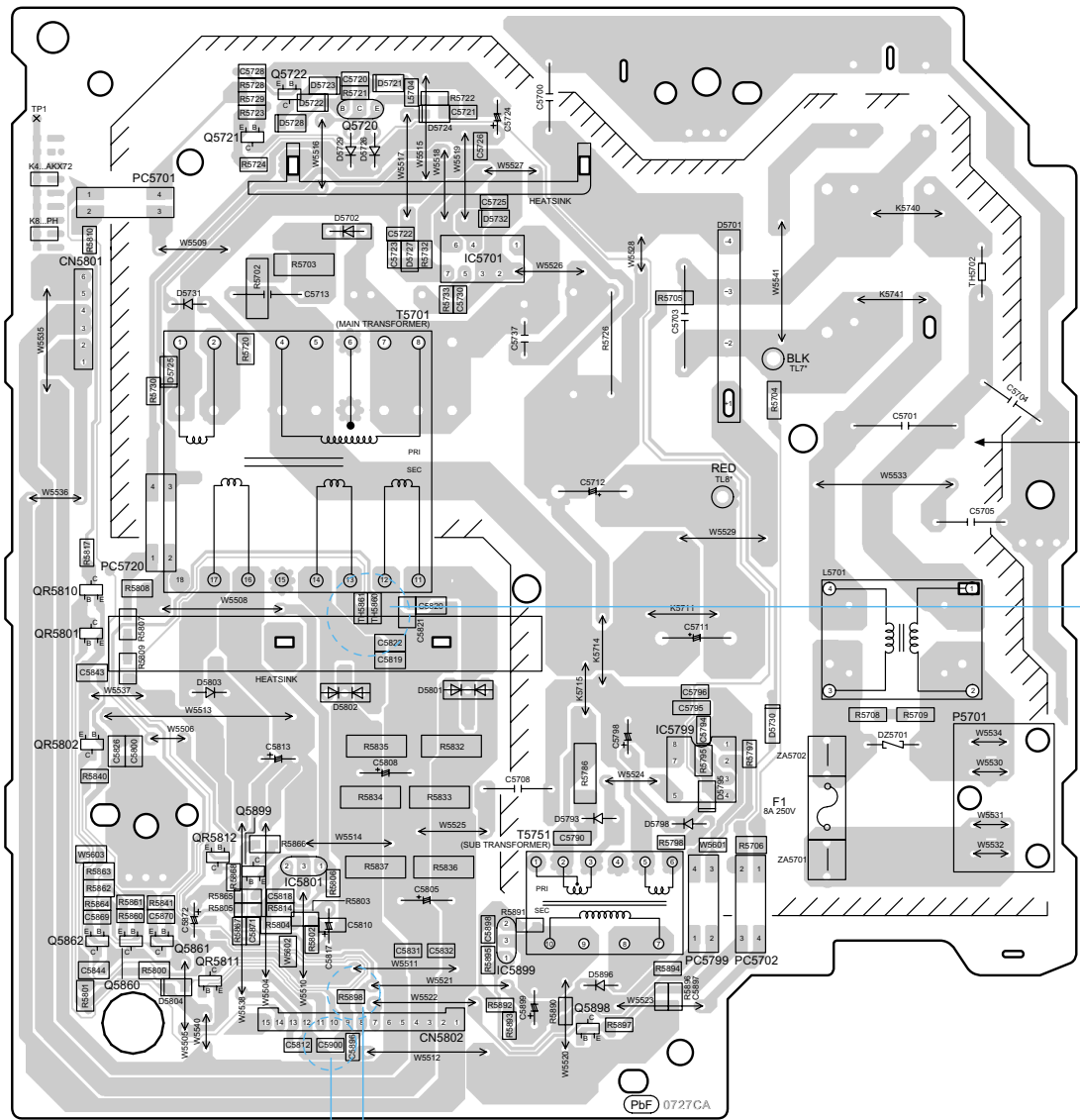
SA-AKX72PH/PN
JUPITER P.C.B.

3.11. SMPS & Voltage Selector P.C.B. (SA-AKX72PH-K only)

With reference to original service manual (section 18.7) on page 125.

J SMPS P.C.B. (REPX0886J...PH)

K VOLTAGE SELECTOR P.C.B. (REPX0886J...PH)



CAUTION
RISK OF ELECTRIC SHOCK
AC VOLTAGE LINE.
PLEASE DO NOT TOUCH THIS P.C.B.

ADD
(TH5861)

AC IN ~
110-127V/220-240V
50/60Hz

ADD
(R5898)
ADD
(C5900)

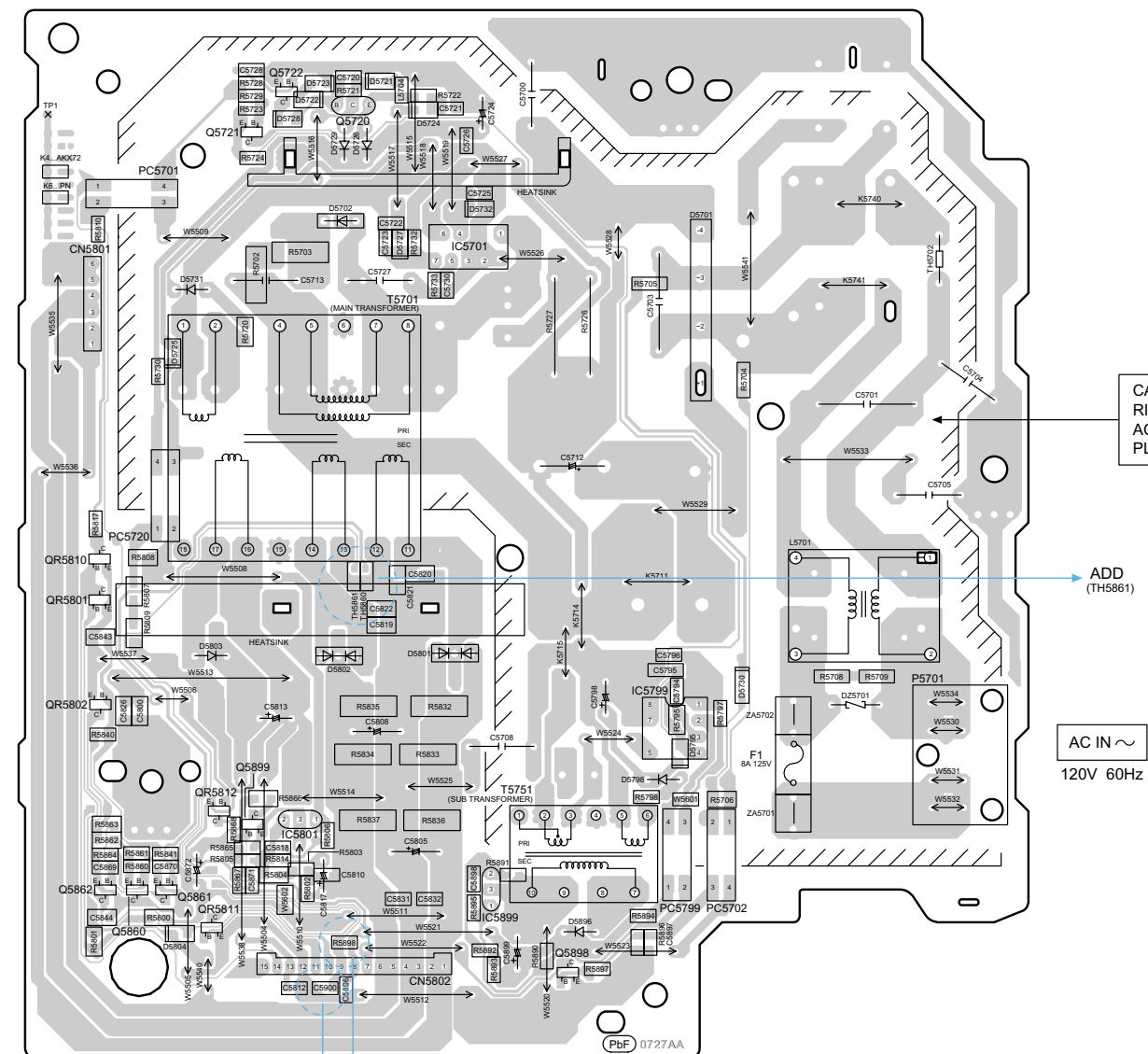
NOTE: " " REF IS FOR INDICATION ONLY.

SA-AKX72PH/PN
SMPS / VOLTAGE SELECTOR P.C.B.

With reference to original service manual (section 18.8) on page 126.

With reference to original service manual (section 18.8) on page 126.

J SMPS P.C.B. (REPX0886D...PN)



CAUTION
RISK OF ELECTRIC SHOCK
AC VOLTAGE LINE.
PLEASE DO NOT TOUCH THIS P.C.B

➔ **ADD**
(TH5861)

AC IN ~
120V 60Hz

ADD
(C5900)

NOTE: " * " REF IS FOR INDICATION ONLY.

SA-AKX72PH/PN
SMPS P.C.B.

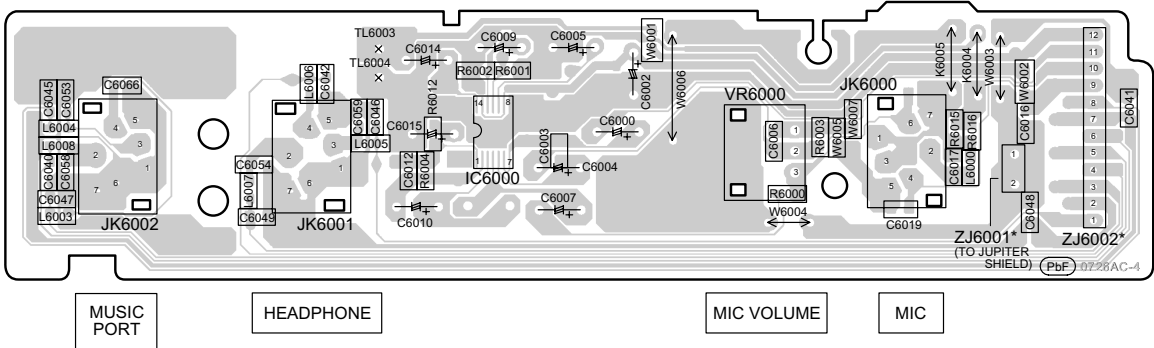
With reference to original service manual (section 18.2) on page 129.

SA-AKX92PH
MAIN P.C.B.

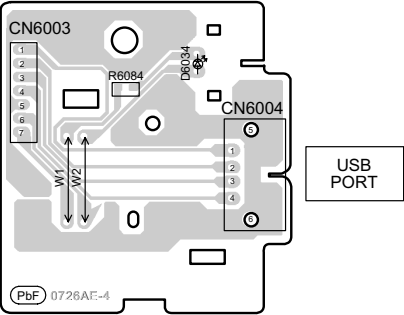
3.14. Music Port, USB, Remote Sensor & Tuner P.C.B. (SA-AKX92PH-K)

With reference to original service manual (section 18.4) on page 131.

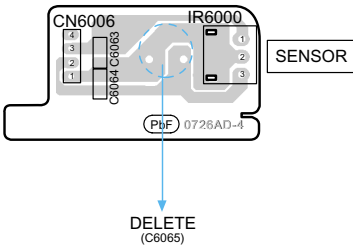
D MUSIC PORT P.C.B. (REPX0887AB)



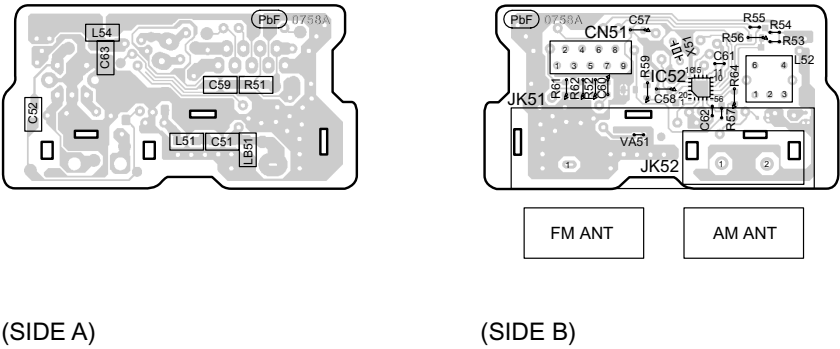
F USB P.C.B. (REPX0887AE)



E REMOTE SENSOR P.C.B. (REPX0887AD)



G TUNER P.C.B. (REPX0928A)



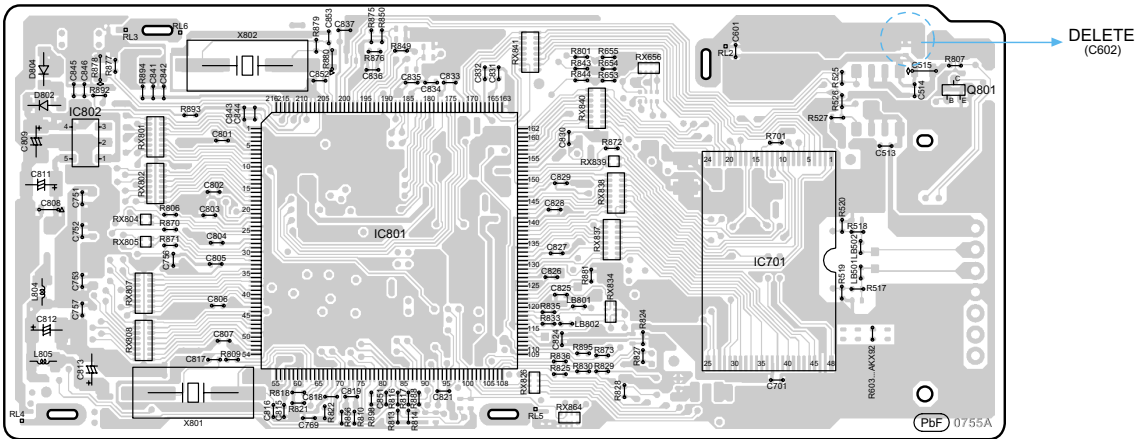
NOTE: " * " REF IS FOR INDICATION ONLY.

SA-AKX92PH
MUSIC PORT / REMOTE SENSOR / USB / TUNER P.C.B.

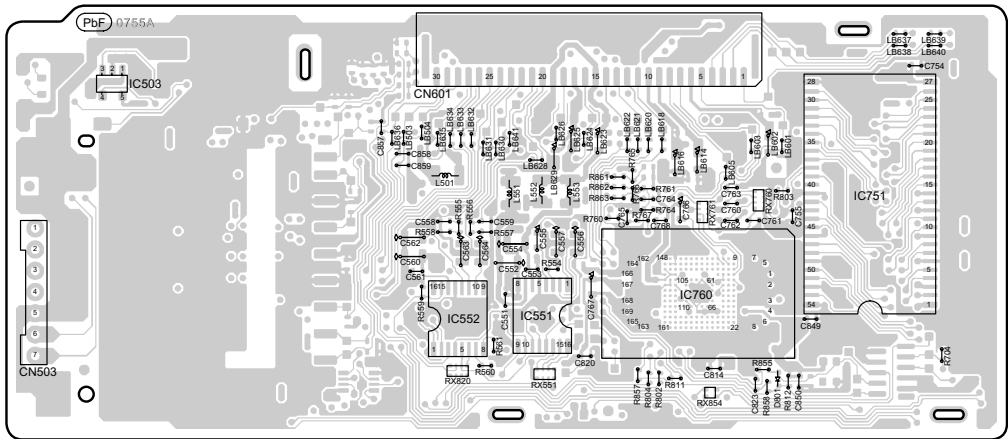
3.15. Jupiter P.C.B. (SA-AKX92PH-K)

With reference to original service manual (section 18.5) on page 132.

H JUPITER P.C.B. (RFK BX0922A)



(SIDE A)



(SIDE B)

SA-AKX92PH
JUPITER P.C.B.

4 Exploded View (Updates)

4.1. Cabinet Parts Location - Location B:11 - B:11.

With reference to original service manual (section 20.1.1) on page 123 (SA-AKX32PH/PN-K).

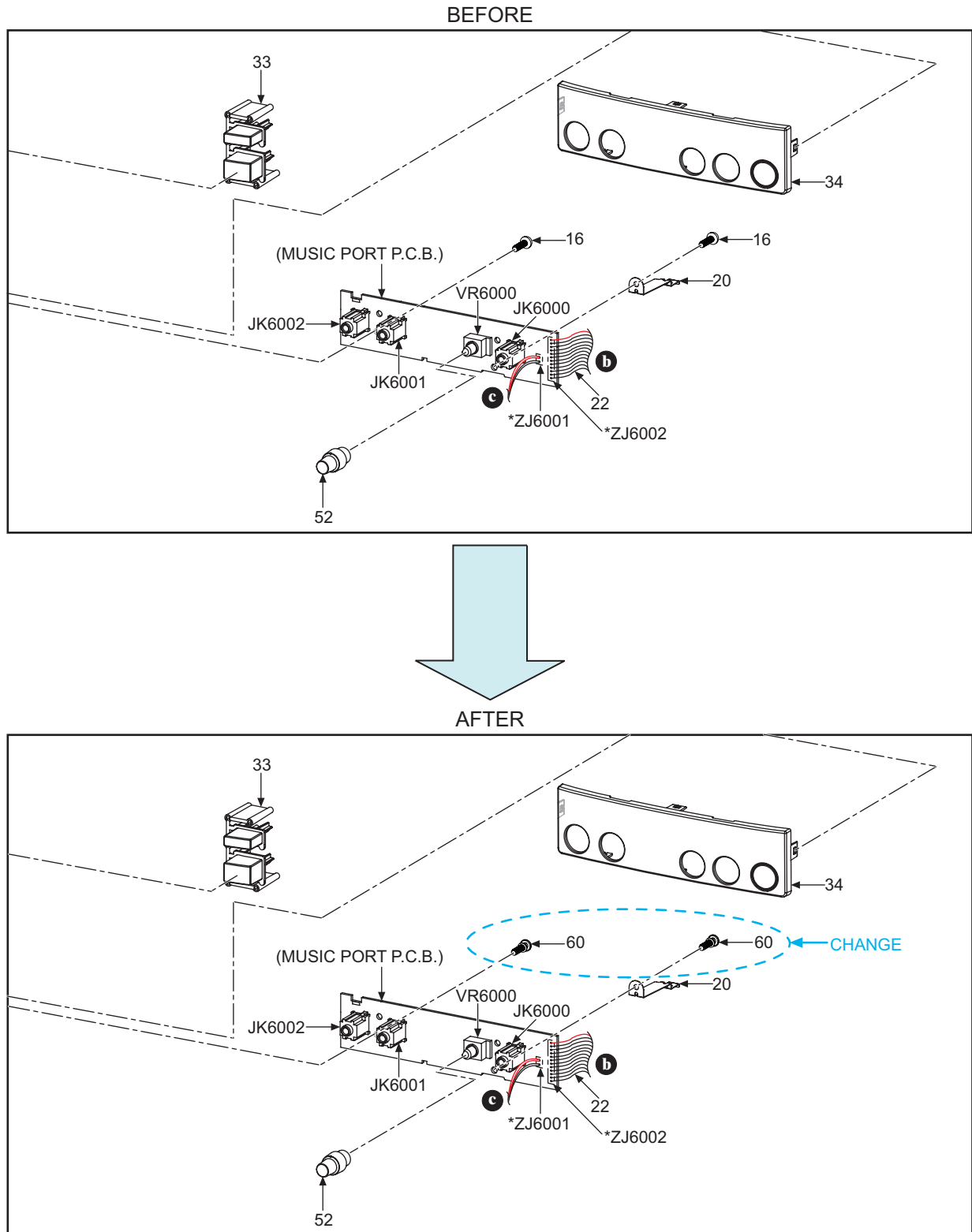
With reference to original service manual (section 5.1.1) on page 13 (SA-AKX32PR-K).

With reference to original service manual (section 20.1.1) on page 123 (SA-AKX52EB/EG/GN-K).

With reference to original service manual (section 20.1.1) on page 125 (SA-AK52PH/PN-K).

With reference to original service manual (section 20.1.1) on page 129 (SA-AKX72PH/PN-K).

With reference to original service manual (section 20.1.1) on page 137 (SA-AKX92PH-K).



5 Electrical & Mechanical Replacement Parts List (Updates)

Reason for Change

*The circled item indicates the reason. If no marking, see the Notes in the bottom column.

O	1. Improve performance	
	2. Change of material or dimension	
	3. To meet approved specification	
	4. Standardization	
	5. Addition	
	6. Deletion	
O	7. Correction	
	8. Other	

Interchangeability Code

**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.

Parts		Set Production	
A	Original		Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
	New		
B	Original		Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
	New		
C	Original		New parts only may be used in early or late production sets. Stock new parts.
	New		
D	Original		Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
	New		
E	Other		

Model No.	Ref No.	Original Part No.	New Part No.	Notes	Original Part Name & Description	New Part Name & Description	Remarks
SA-AKX32PH/PN/ PR-K	C6065	F2A1H220A182	-	1/C	22uF 50V	-	DELETE
	C5900	-	F1J1A106A043	1/C	-	10uF 10V	ADD (PN ONLY)
	R5898	-	ERJ3GEYF103V	1/C	-	10K 1/10W	ADD (PN ONLY)
	TH5861	-	D4CC11040013	1/C	-	THERMISTOR	ADD (PN ONLY)

Model No.	Ref No.	Original Part No.	New Part No.	Notes	Original Part Name & Description	New Part Name & Description	Remarks
SA-AKX52EB/EG/ GN-K	16	RHD26046-L	RHD26046-L	1/C	SCREW (14pcs)	SCREW (12pcs)	CHANGE
	27	RMBX0073	RMB0930	1/C	CD LID OPEN SPRING	CD LID OPEN SPRING	CHANGE
	39	RMAX1002-1	RMAX1002A-1	1/C	D-AMP BRACKET	D-AMP BRACKET	CHANGE
	49	RMAX1012	RMAX1012-1	1/C	D-AMP PCB HOLDER	D-AMP PCB SUP-PORT	CHANGE
	60	-	RHD26043-1	1/C	-	SCREW	ADD
	C2146	F2A0J4700052	F2A0J470A167	1/C	47uF 6.3V	47uF 6.3V	CHANGE
	C2198	F2A1E102B396	F2A1E102A207	1/C	1000uF 25V	1000uF 25V	CHANGE
	C2234	F2A1E102B396	F2A1E102A207	1/C	1000uF 25V	1000uF 25V	CHANGE
	C601	ERJ2GE0R00X	F1G1A1040006	1/C	0 1/16W	0.1uF 10V	CHANGE
	D2002	DZ2J033M0L	B0BC3R3A0262	1/C	DIODE	DIODE	CHANGE
	D2003	DZ2J033M0L	B0BC3R3A0262	1/C	DIODE	DIODE	CHANGE
	R2258	D0GB682JA008	D0GB223JA008	1/C	6.8K 1/16W	22K 1/16W	CHANGE
	R2259	D0GB682JA008	D0GB223JA008	1/C	6.8K 1/16W	22K 1/16W	CHANGE
	R2320	D0GB103JA008	D0GB682JA008	1/C	10K 1/16W	6.8K 1/16W	CHANGE
	R2321	D0GB103JA008	D0GB682JA008	1/C	10K 1/16W	6.8K 1/16W	CHANGE
	R2350	D0GB333JA008	D0GB273JA008	1/C	33K 1/16W	27K 1/16W	CHANGE
	C6013	-	F1H1H102A219	1/C	-	1000pF 50V	ADD
	C602	ERJ2GE0R00X	-	1/C	0 1/16W	-	DELETE
	C6065	F2A1H220A182	-	1/C	22uF 50V	-	DELETE

Model No.	Ref No.	Original Part No.	New Part No.	Notes	Original Part Name & Description	New Part Name & Description	Remarks
SA-AKX52PH/PN-K	16	RHD26046-L	RHD26046-L	1/C	SCREW (14pcs)	SCREW (12pcs)	CHANGE
	27	RMBX0073	RMB0930	1/C	CD LID OPEN SPRING	CD LID OPEN SPRING	CHANGE
	39	RMAX1002-1	RMAX1002A-1	1/C	D-AMP BRACKET	D-AMP BRACKET	CHANGE
	49	RMAX1012	RMAX1012-1	1/C	D-AMP PCB HOLDER	D-AMP PCB SUP-PORT	CHANGE
	60	-	RHD26043-1	1/C	-	SCREW	ADD
	C2127	F1H1H181A792	F1H1H121A792	1/C	180pF 50V	120pF 50V	CHANGE
	C2146	F2A0J4700052	F2A0J470A167	1/C	47uF 6.3V	47uF 6.3V	CHANGE
	C2198	F2A1E102B396	F2A1E102A207	1/C	1000uF 25V	1000uF 25V	CHANGE
	C2234	F2A1E102B396	F2A1E102A207	1/C	1000uF 25V	1000uF 25V	CHANGE
	C5712	F2B2D5610024	F2B2G2210025	7/C	560uF 200V	220uF 400V	CHANGE
	C601	ERJ2GE0R00X	F1G1A1040006	1/C	0 1/16W	0.1uF 10V	CHANGE
	D2002	DZ2J033M0L	B0BC3R3A0262	1/C	DIODE	DIODE	CHANGE
	D2003	DZ2J033M0L	B0BC3R3A0262	1/C	DIODE	DIODE	CHANGE
	R2258	D0GB682JA008	D0GB223JA008	1/C	6.8K 1/16W	22K 1/16W	CHANGE
	R2259	D0GB682JA008	D0GB223JA008	1/C	6.8K 1/16W	22K 1/16W	CHANGE
	R2320	D0GB103JA008	D0GB682JA008	1/C	10K 1/16W	6.8K 1/16W	CHANGE
	R2321	D0GB103JA008	D0GB682JA008	1/C	10K 1/16W	6.8K 1/16W	CHANGE
	R2350	D0GB333JA008	D0GB273JA008	1/C	33K 1/16W	27K 1/16W	CHANGE
	W6001	D0GDR00JA017	D0GBR00JA008	1/C	0 1/8W	0 1/16W	CHANGE
	C6013	-	F1H1H102A219	1/C	-	1000pF 50V	ADD
	W6007	-	D0GBR00JA008	1/C	-	0 1/16W	ADD
	C602	ERJ2GE0R00X	-	1/C	0 1/16W	-	DELETE
	C6065	F2A1H220A182	-	1/C	22uF 50V	-	DELETE
	C5900	-	F1J1A106A043	1/C	-	10uF 10V	ADD (PN ONLY)
	R5898	-	ERJ3GEYF103V	1/C	-	10K 1/10W	ADD (PN ONLY)
	TH5861	-	D4CC11040013	1/C	-	THERMISTOR	ADD (PN ONLY)

Model No.	Ref No.	Original Part No.	New Part No.	Notes	Original Part Name & Description	New Part Name & Description	Remarks
SA-AKX72PH/PN-K	16	RHD26046-L	RHD26046-L	1/C	SCREW (14 pcs)	SCREW (12 pcs)	CHANGE
	27	RMBX0073	RMB0930	1/C	CD LID OPEN SPRING	CD LID OPEN SPRING	CHANGE
	39	RMAX1002-1	RMAX1002A-1	1/C	D-AMP BRACKET	D-AMP BRACKET	CHANGE
	49	RMAX1012	RMAX1012-1	1/C	D-AMP PCB HOLDER	D-AMP PCB SUP-PORT	CHANGE
	60	-	RHD26043-1	1/C	-	SCREW	ADD
	C2127	F1H1H1500009	F1H1H181A792	1/C	15pF 50V	180pF 50V	CHANGE
	C2133	F1H1H1500009	F1H1H181A792	1/C	15pF 50V	180pF 50V	CHANGE
	C2146	F2A0J4700052	F2A0J470A167	1/C	470uF 6.3V	47uF 6.3V	CHANGE
	C2165	F1H1C104A042	F1H1H563A748	1/C	0.1uF 16V	0.056uF 50V	CHANGE
	C2166	F1H1C104A042	F1H1H563A748	1/C	0.1uF 16V	0.056uF 50V	CHANGE
	C2181	F1H1A684A025	F1H1A824A036	1/C	0.68uF 10V	0.82uF 10V	CHANGE
	C2182	F1H1A684A025	F1H1A824A036	1/C	0.68uF 10V	0.82uF 10V	CHANGE
	C2198	F2A1E102B396	F2A1E102A207	1/C	1000uF 25V	1000uF 25V	CHANGE
	C2234	F2A1E102B396	F2A1E102A207	1/C	1000uF 25V	1000uF 25V	CHANGE
	C601	ERJ2GE0R00X	F1G1A1040006	1/C	0 1/16W	0.1uF 10V	CHANGE
	D2002	DZ2J033M0L	B0BC3R3A0262	1/C	DIODE	DIODE	CHANGE
	D2003	DZ2J033M0L	B0BC3R3A0262	1/C	DIODE	DIODE	CHANGE
	F1	K5D802BNA005	K5D632BK0007	1/C	FUSE	FUSE	CHANGE
	R2041	D0GB563JA008	D0GB683JA008	1/C	56K 1/16W	68K 1/16W	CHANGE
	R2137	D0GB472JA008	D0GB562JA008	1/C	4.7K 1/16W	5.6K 1/16W	CHANGE
	R2138	D0GB472JA008	D0GB562JA008	1/C	4.7K 1/16W	5.6K 1/16W	CHANGE
	R2146	D0GB563JA008	D0GB683JA008	1/C	56K 1/16W	68K 1/16W	CHANGE
	R2150	D0GB563JA008	D0GB683JA008	1/C	56K 1/16W	68K 1/16W	CHANGE
	R2172	D0GB183JA008	D0GB822JA008	1/C	18K 1/16W	8.2K 1/16W	CHANGE
	R2181	D0GB183JA008	D0GB822JA008	1/C	18K 1/16W	8.2K 1/16W	CHANGE
	R2238	D0GB102JA008	D0GB122JA008	1/C	1K 1/16W	1.2K 1/16W	CHANGE
	R2239	D0GB102JA008	D0GB122JA008	1/C	1K 1/16W	1.2K 1/16W	CHANGE
	R2320	D0GB562JA008	D0GB103JA008	1/C	5.6K 1/16W	10K 1/16W	CHANGE
	R2321	D0GB562JA008	D0GB103JA008	1/C	5.6K 1/16W	10K 1/16W	CHANGE
	W6001	D0GDR00JA017	D0GBR00JA008	1/C	0 1/8W	0 1/16W	CHANGE
	C2192	-	F1H0J1050012	1/C	-	1uF 6.3V	ADD
	C2193	-	F1H0J1050012	1/C	-	1uF 6.3V	ADD
	C5900	-	F1J1A106A043	1/C	-	10uF 10V	ADD
	R2050	-	D0GB223JA008	1/C	-	22K 1/16W	ADD
	R2053	-	D0GB223JA008	1/C	-	22K 1/16W	ADD
	R2101	-	D0GB101JA008	1/C	-	100 1/16W	ADD
	R2246	-	D0GB101JA008	1/C	-	100 1/16W	ADD
	R2294	-	D0GD682JA017	1/C	-	6.8K 1/8W	ADD
	R2295	-	D0GB682JA008	1/C	-	6.8K 1/16W	ADD
	R5898	-	ERJ3GEYF103V	1/C	-	10K 1/10W	ADD
	TH5861	-	D4CC11040013	1/C	-	THERMISTOR	ADD
	W6007	-	D0GBR00JA008	1/C	-	0 1/16W	ADD
	C602	ERJ2GE0R00X	-	1/C	0 1/16W	-	DELETE
	C6065	F2A1H220A182	-	1/C	22uF 50V	-	DELETE

Model No.	Ref No.	Original Part No.	New Part No.	Notes	Original Part Name & Description	New Part Name & Description	Remarks
SA-AKX92PH-K	16	RHD26046-L	RHD26046-L	1/C	SCREW (14pcs)	SCREW (12pcs)	CHANGE
	27	RMBX0073	RMB0930	1/C	CD LID OPEN SPRING	CD LID OPEN SPRING	CHANGE
	39	RMAX1002-1	RMAX1002A-1	1/C	D-AMP BRACKET	D-AMP BRACKET	CHANGE
	49	RMAX1012	RMAX1012-1	1/C	D-AMP PCB HOLDER	D-AMP PCB SUP-PORT	CHANGE
	60	-	RHD26043-1	1/C	-	SCREW	ADD
	C2127	F1H1H151A792	F1H1H2710006	1/C	150pF 50V	270pF 50V	CHANGE
	C2133	F1H1H151A792	F1H1H2710006	1/C	150pF 50V	270pF 50V	CHANGE
	C2146	F2A0J4700052	F2A0J470A167	1/C	47uF 6.3V	47uF 6.3V	CHANGE
	C2181	F1H1A684A025	F1H1A474A025	1/C	0.68uF 10V	0.47uF 10V	CHANGE
	C2182	F1H1A684A025	F1H1A474A025	1/C	0.68uF 10V	0.47uF 10V	CHANGE
	C2198	F2A1E102B396	F2A1E102A207	1/C	1000pF 25V	1000uF 25V	CHANGE
	C2234	F2A1E102B396	F2A1E102A207	1/C	1000pF 25V	1000uF 25V	CHANGE
	C601	ERJ2GE0R00X	F1G1A1040006	1/C	0 1/16W	0.1uF 10V	CHANGE
	D2002	DZ2J033M0L	B0BC3R3A0262	1/C	DIODE	DIODE	CHANGE
	D2003	DZ2J033M0L	B0BC3R3A0262	1/C	DIODE	DIODE	CHANGE
	R2041	D0GB563JA008	D0GB683JA008	1/C	56K 1/16W	68K 1/16W	CHANGE
	R2056	D0GB122JA008	D0GB102JA008	1/C	1.2K 1/16W	1K 1/16W	CHANGE
	R2057	D0GB122JA008	D0GB102JA008	1/C	1.2K 1/16W	1K 1/16W	CHANGE
	R2137	D0GB472JA008	D0GB562JA008	1/C	4.7K 1/16W	5.6K 1/16W	CHANGE
	R2138	D0GB472JA008	D0GB562JA008	1/C	4.7K 1/16W	5.6K 1/16W	CHANGE
	R2238	D0GB102JA008	D0GB122JA008	1/C	1K 1/16W	1.2K 1/16W	CHANGE
	R2239	D0GB102JA008	D0GB122JA008	1/C	1K 1/16W	1.2K 1/16W	CHANGE
	R2256	D0GB123JA008	D0GB223JA008	1/C	12K 1/16W	22K 1/16W	CHANGE
	R2257	D0GB123JA008	D0GB223JA008	1/C	12K 1/16W	22K 1/16W	CHANGE
	R2288	D0GB103JA008	D0GB223JA008	1/C	10K 1/16W	22K 1/16W	CHANGE
	R2289	D0GB103JA008	D0GB223JA008	1/C	10K 1/16W	22K 1/16W	CHANGE
	R2290	D0GB472JA008	D0GBR00JA008	1/C	4.7K 1/16W	0 1/16W	CHANGE
	R2291	D0GB472JA008	D0GBR00JA008	1/C	4.7K 1/16W	0 1/16W	CHANGE
	R2381	D0GB123JA008	D0GB103JA008	1/C	12K 1/16W	10K 1/16W	CHANGE
	R5861	ERJ3GEYF272V	ERJ3GEYF222V	1/C	2.7K 1/10W	2.2K 1/10W	CHANGE
	W6001	D0GDR00JA017	D0GBR00JA008	1/C	0 1/8W	0 1/16W	CHANGE
	R2050	-	D0GB223JA008	1/C	-	22K 1/16W	ADD
	R2053	-	D0GB223JA008	1/C	-	22K 1/16W	ADD
	R2101	-	D0GB101JA008	1/C	-	100 1/16W	ADD
	W6007	-	D0GBR00JA008	1/C	-	0 1/16W	ADD
	C602	ERJ2GE0R00X	-	1/C	0 1/16W	-	DELETE
	C6065	F2A1H220A182	-	1/C	22uF 50V	-	DELETE

T.I No.

ME2100235B	MM2110532
ME2110453	MM2110740
ME2110516	MM2110957
ME2110557	
ME2110626	
ME2110629	
ME2110634	
ME2110663	
ME2110759	
ME2110800	
ME2110813	
ME2110843	
ME2110861	

(For Factory Reference only).

6 Troubleshooting Guide

6.1. Jupiter

