

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

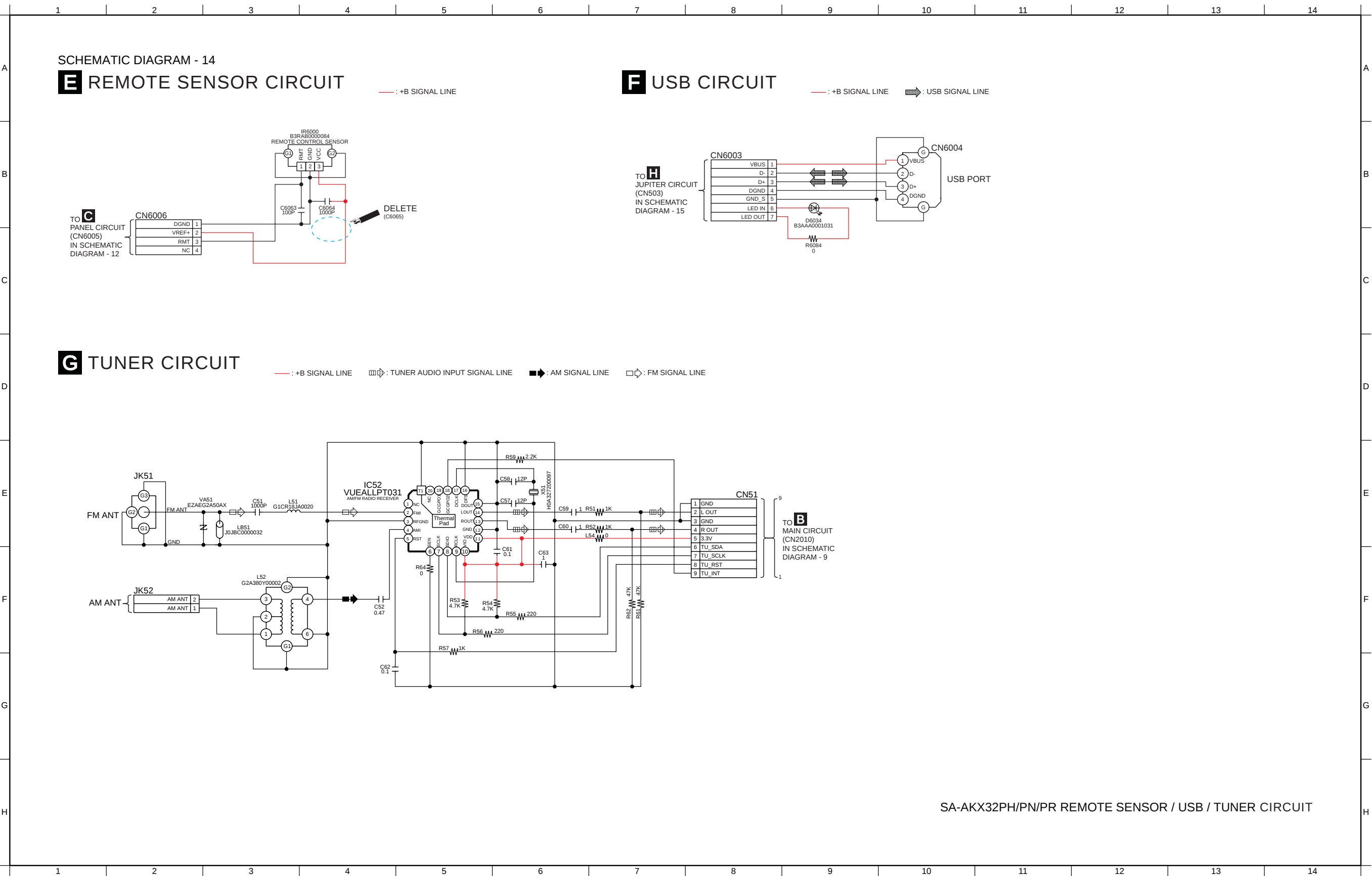
This supplement includes revised contents to the original service manual for below sections:-

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

2 Schematic Diagram (Updates)

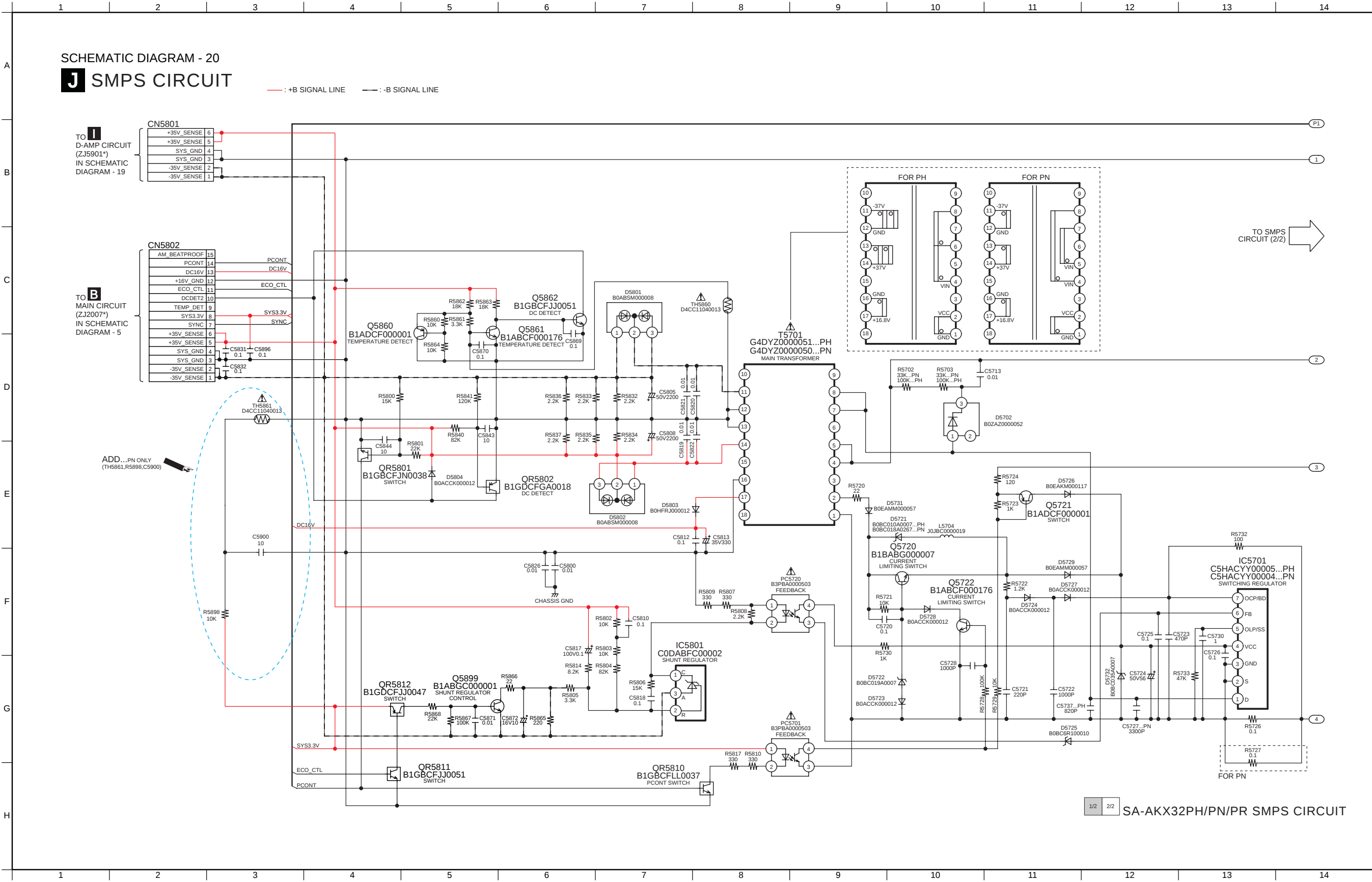
2.1. Remote Sensor, USB & Tuner Circuit (SA-AKX32PH/PN/PR-K)

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.

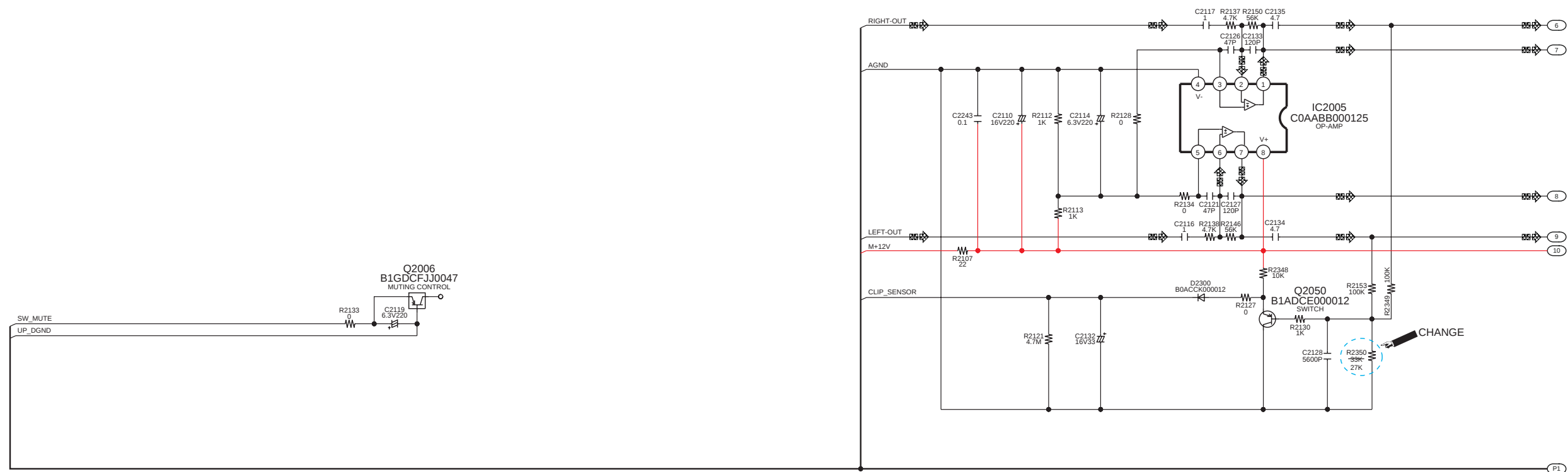


SCHEMATIC DIAGRAM - 7
B MAIN CIRCUIT

— : +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)

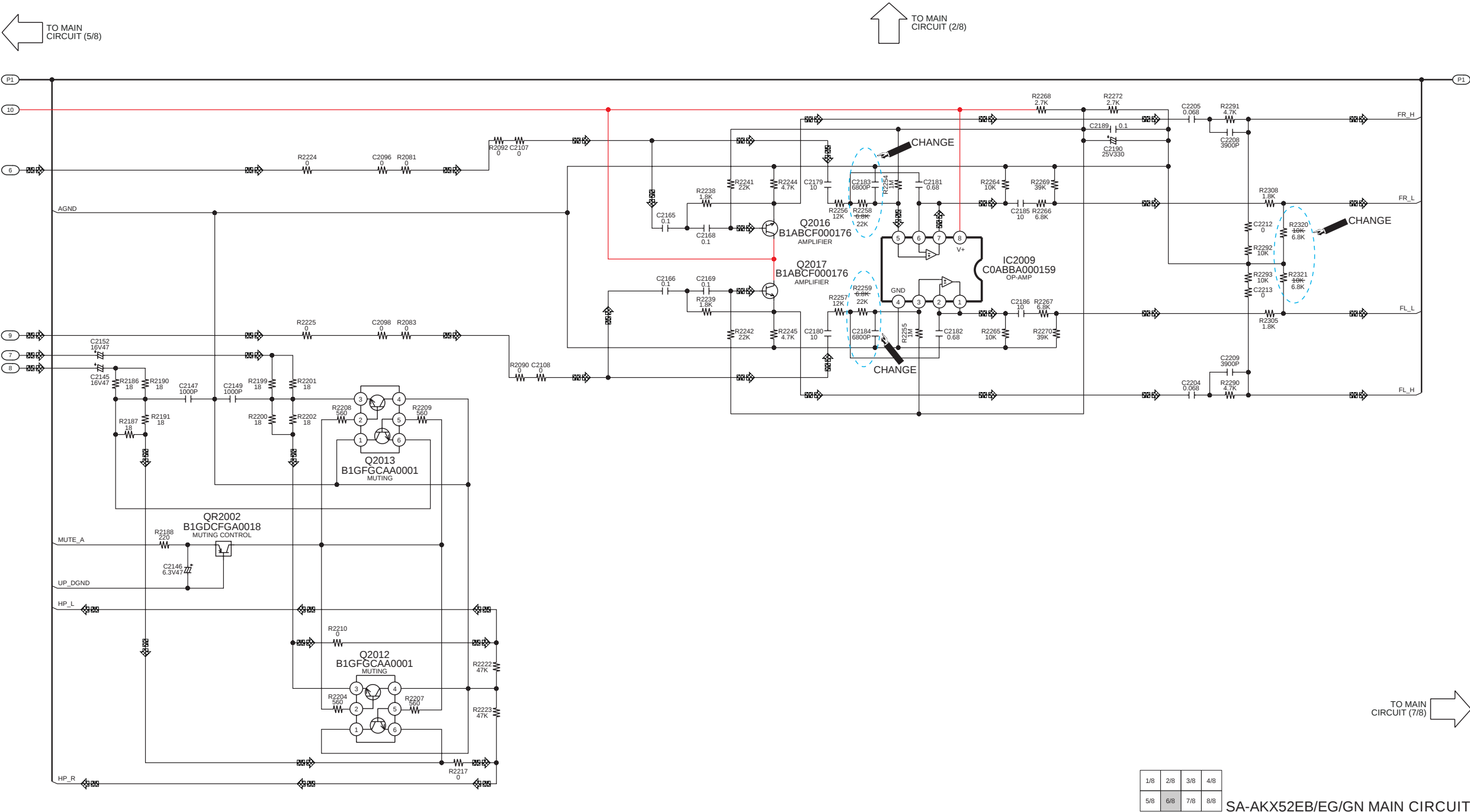


1/8	2/8	3/8	4/8
5/8	6/8	7/8	8/8

SA-AKX52EB/EG/GN MAIN CIRCUIT

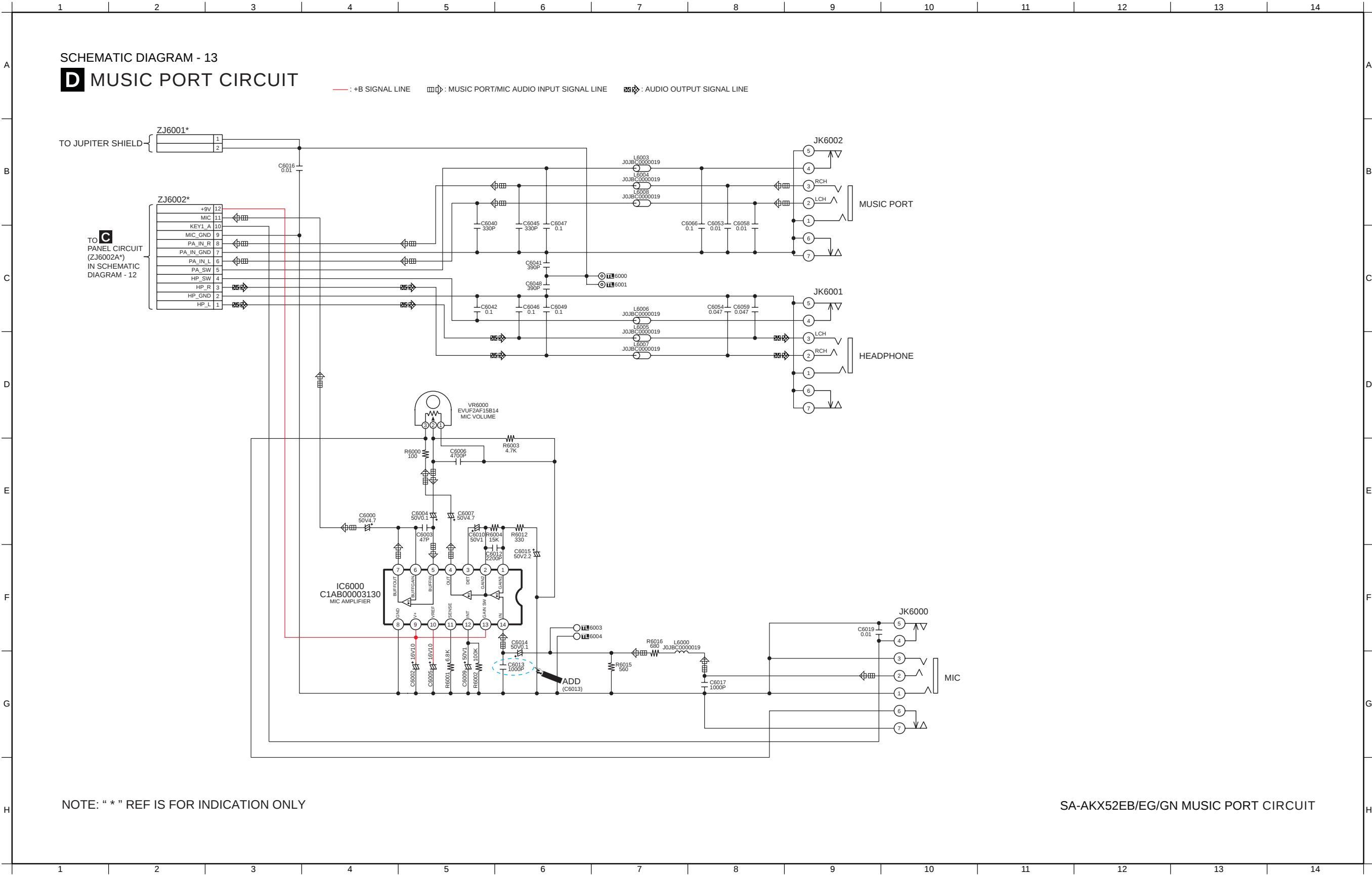
SCHEMATIC DIAGRAM - 8
B MAIN CIRCUIT

— : +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



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

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

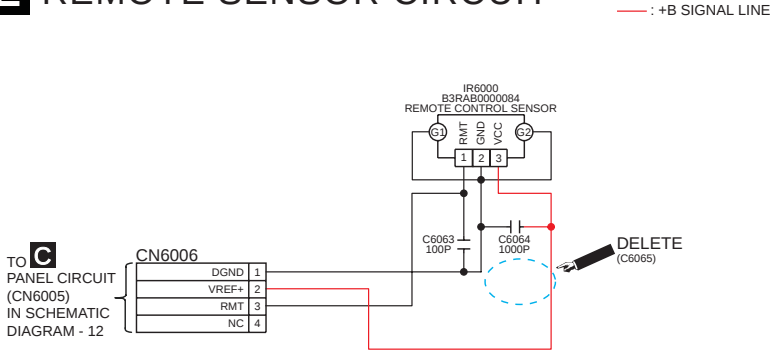


2.5. Remote Sensor, USB & Tuner Circuit (SA-AKX52EB/EG/GN-K)

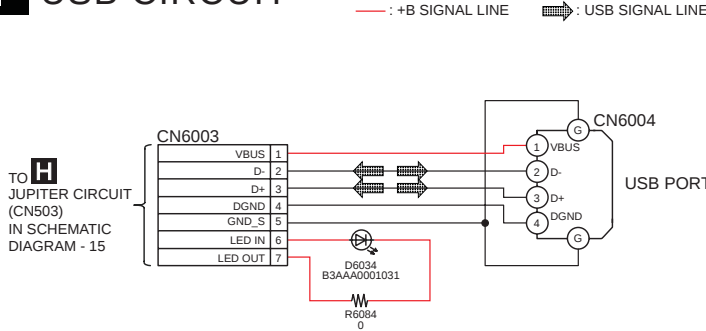
With reference to original service manual (section 17.6) on page 104.

SCHEMATIC DIAGRAM - 14

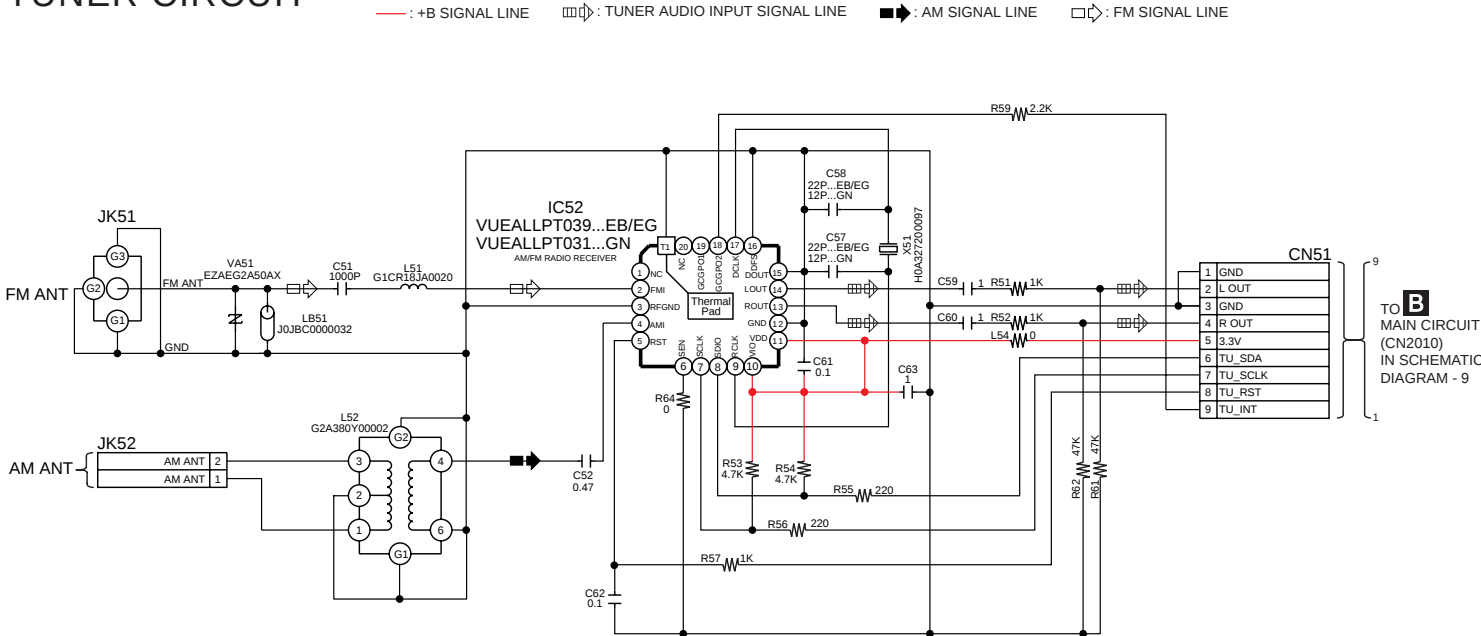
E REMOTE SENSOR CIRCUIT



F USB CIRCUIT



G TUNER CIRCUIT



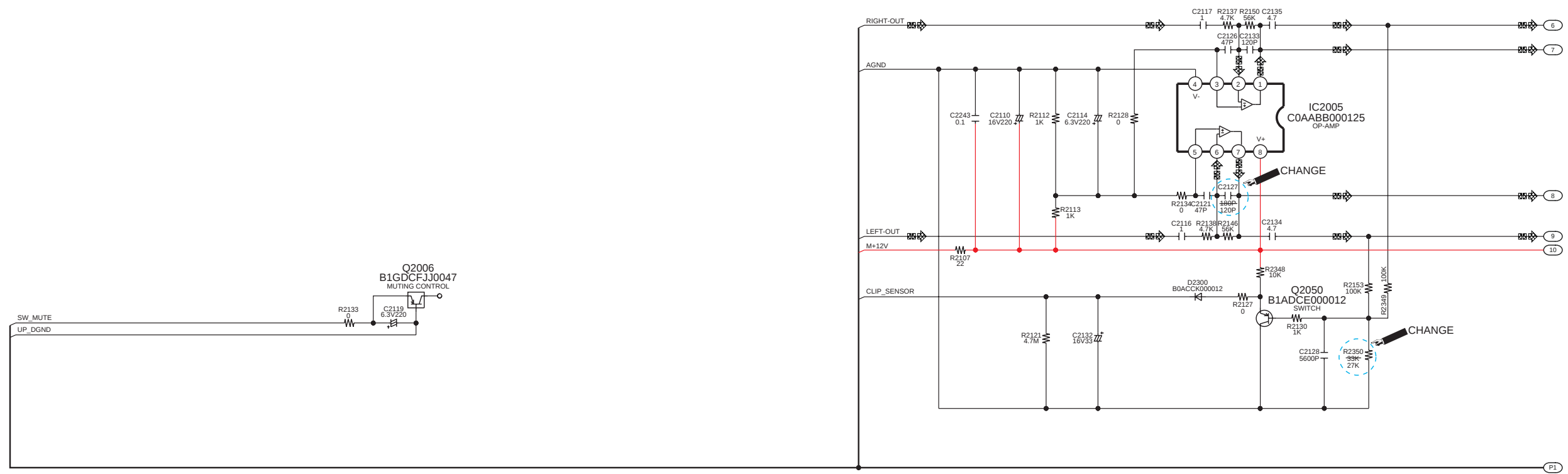
SA-AKX52EB/EG/GN REMOTE SENSOR / USB / TUNER CIRCUIT

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)

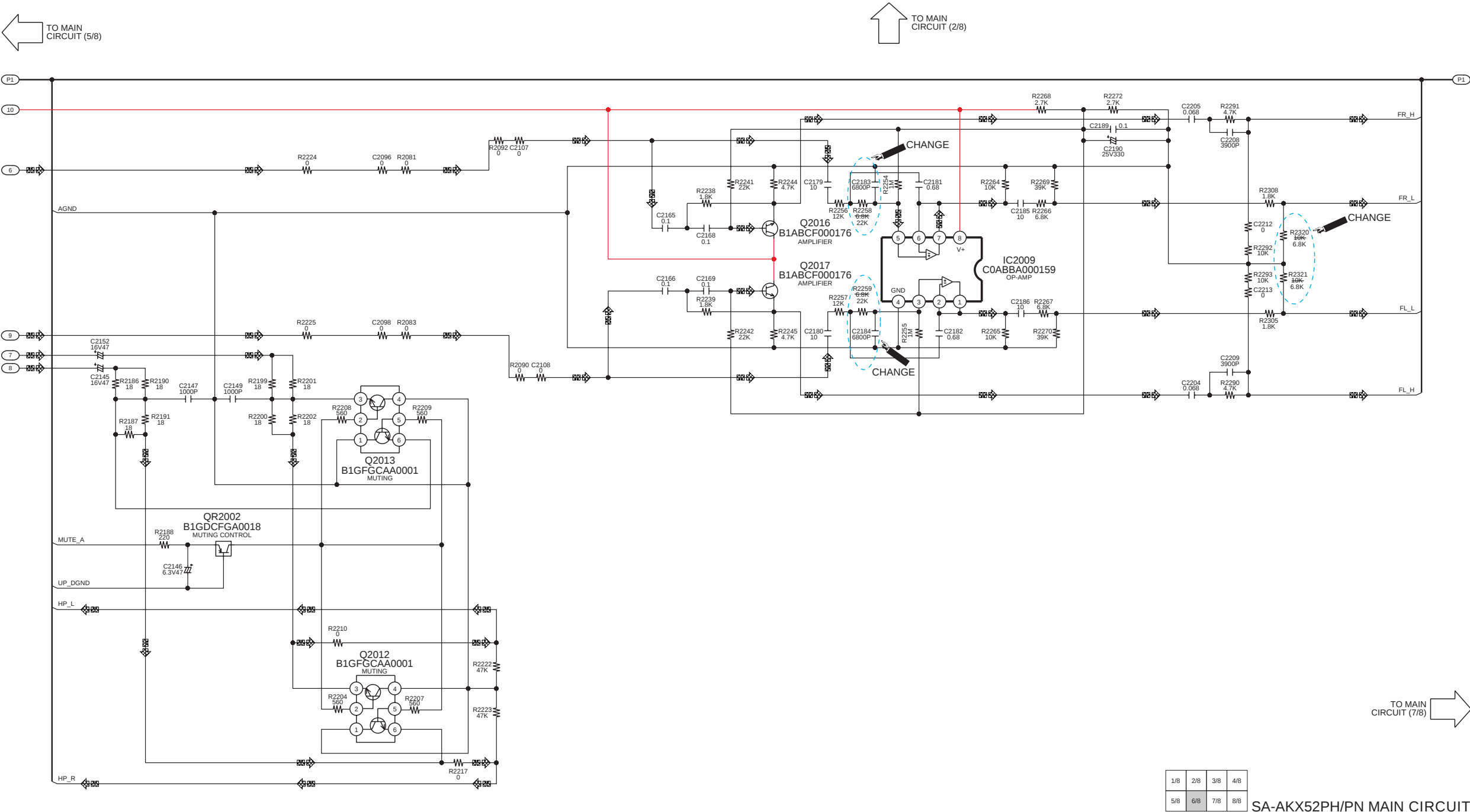


SCHEMATIC DIAGRAM - 8

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.

