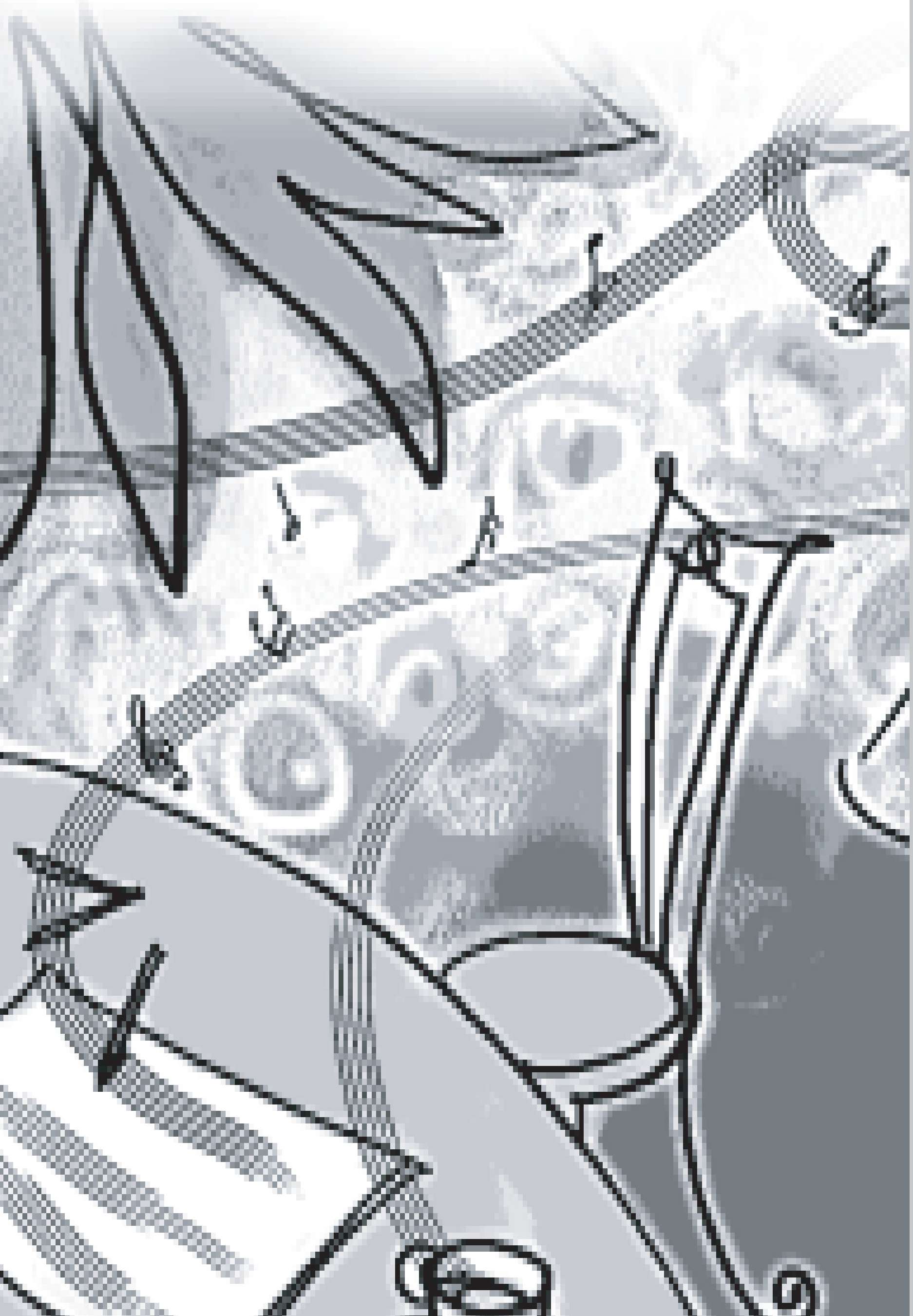
Service Manual

Panasonic

Modelo: **SC-TM900DVD**

SC-TM900DVD	SA-TM900DVD	SA-TM900 SB-PS92 SB-PC92
	SB-TM900DVD	SB-TM900

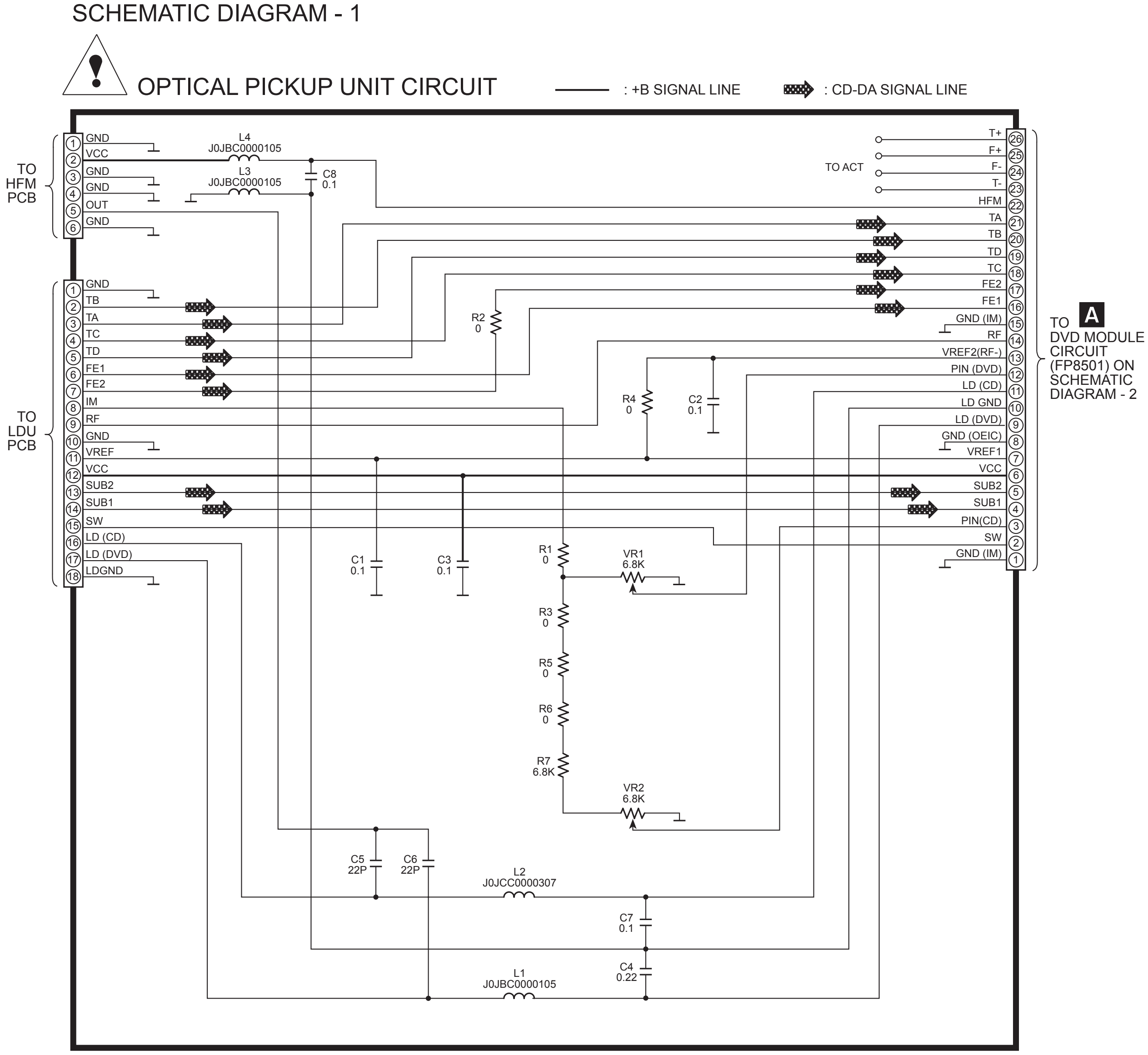


Información para la región DVD
Este DVD esta diseñado y manufacturado para responder a una región de reproducción de DVD. Si la región del disco DVD no corresponde a la región del sistema reproductor de discos DVD, este no podrá reproducirlo.
El número de región para este Sistema Estéreo reproductor de DVD es región número: 4.

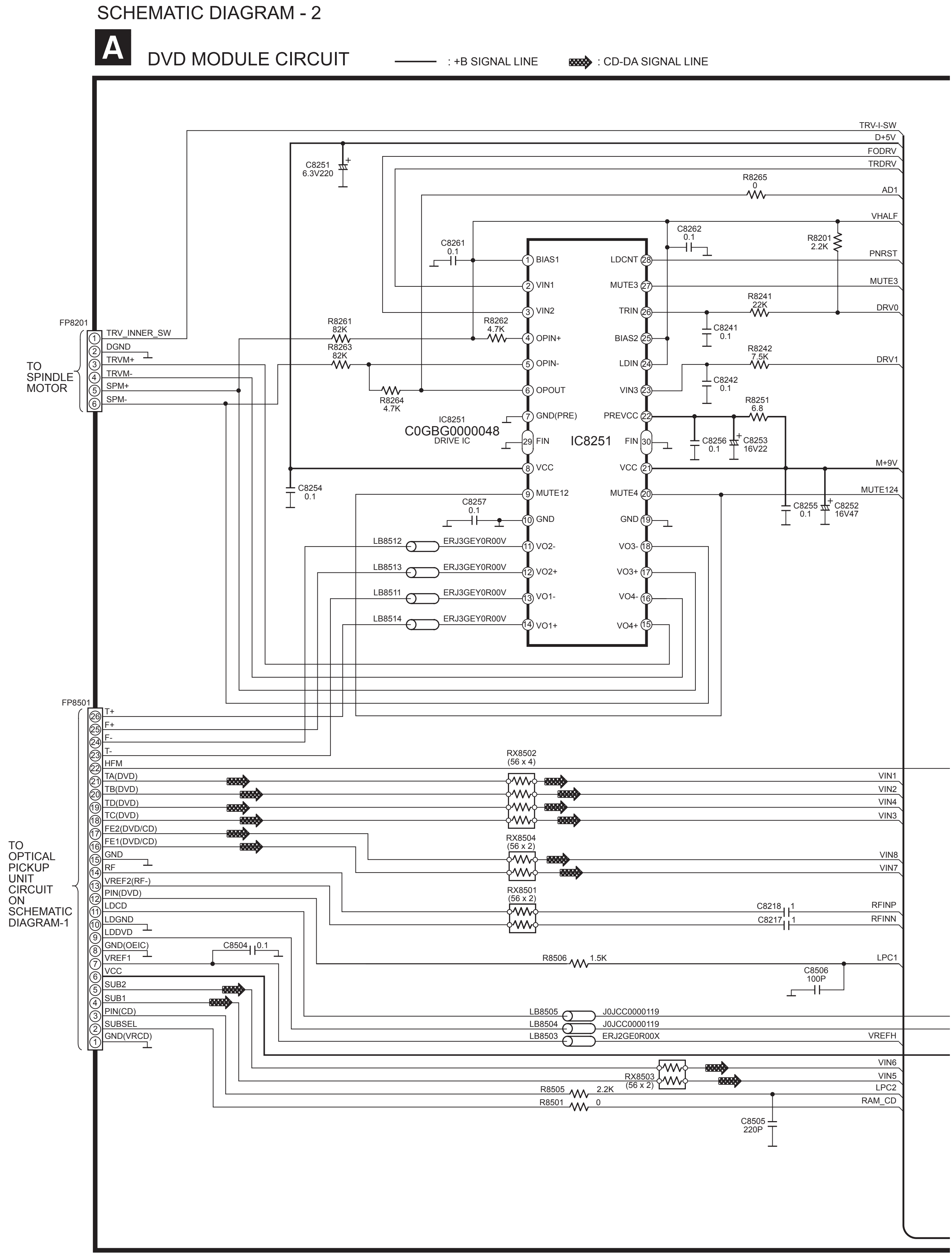
4

Gracias por la adquisición de este Sistema Estéreo. Antes de operarlo, lea cuidadosamente este instructivo y consérvelo a la mano para consultas posteriores.

21.1. Optical Pickup Unit Circuit

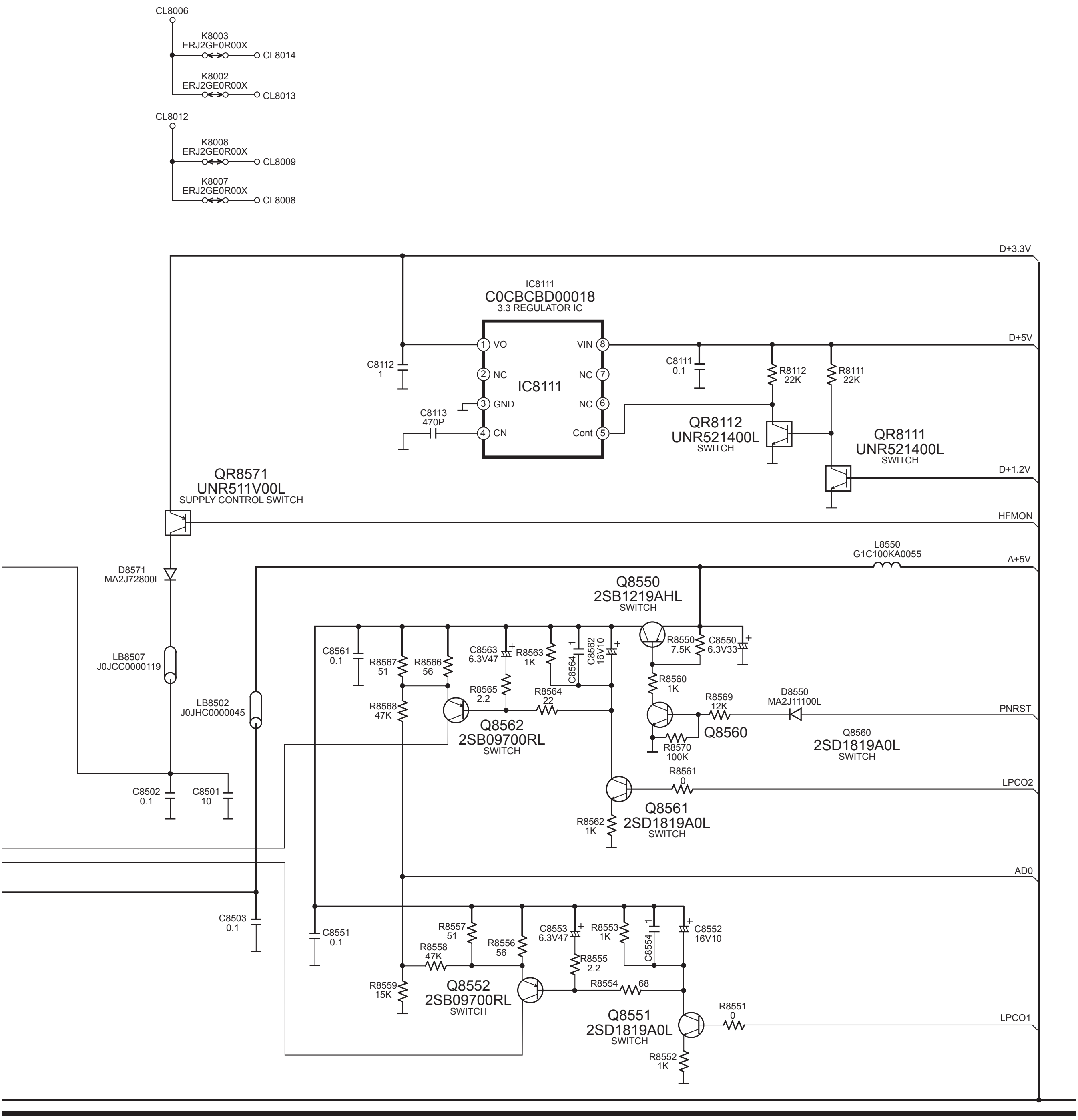


21.2. (A) DVD Module Circuit



A DVD MODULE CIRCUIT

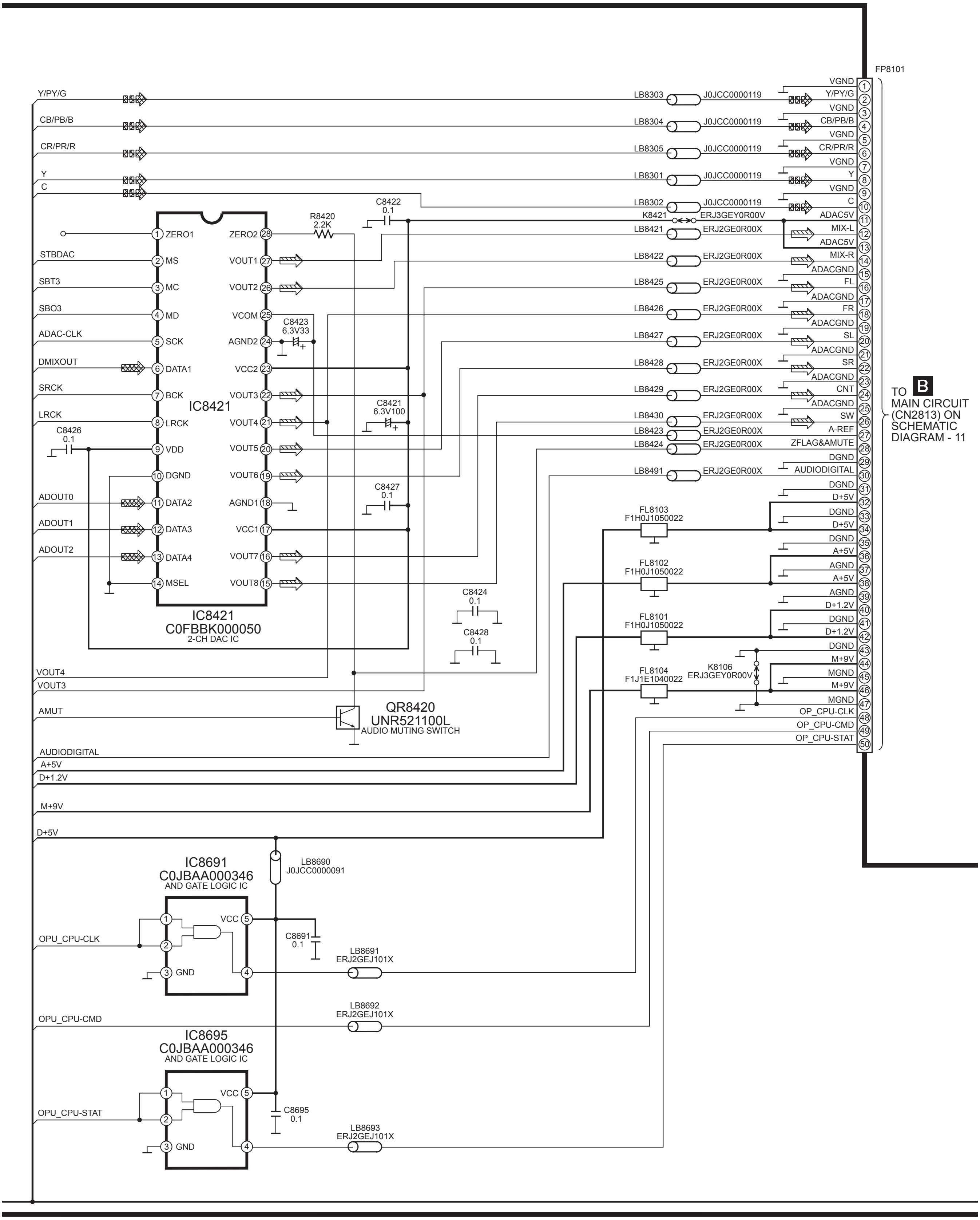
—— : +B SIGNAL LINE



SCHEMATIC DIAGRAM - 4

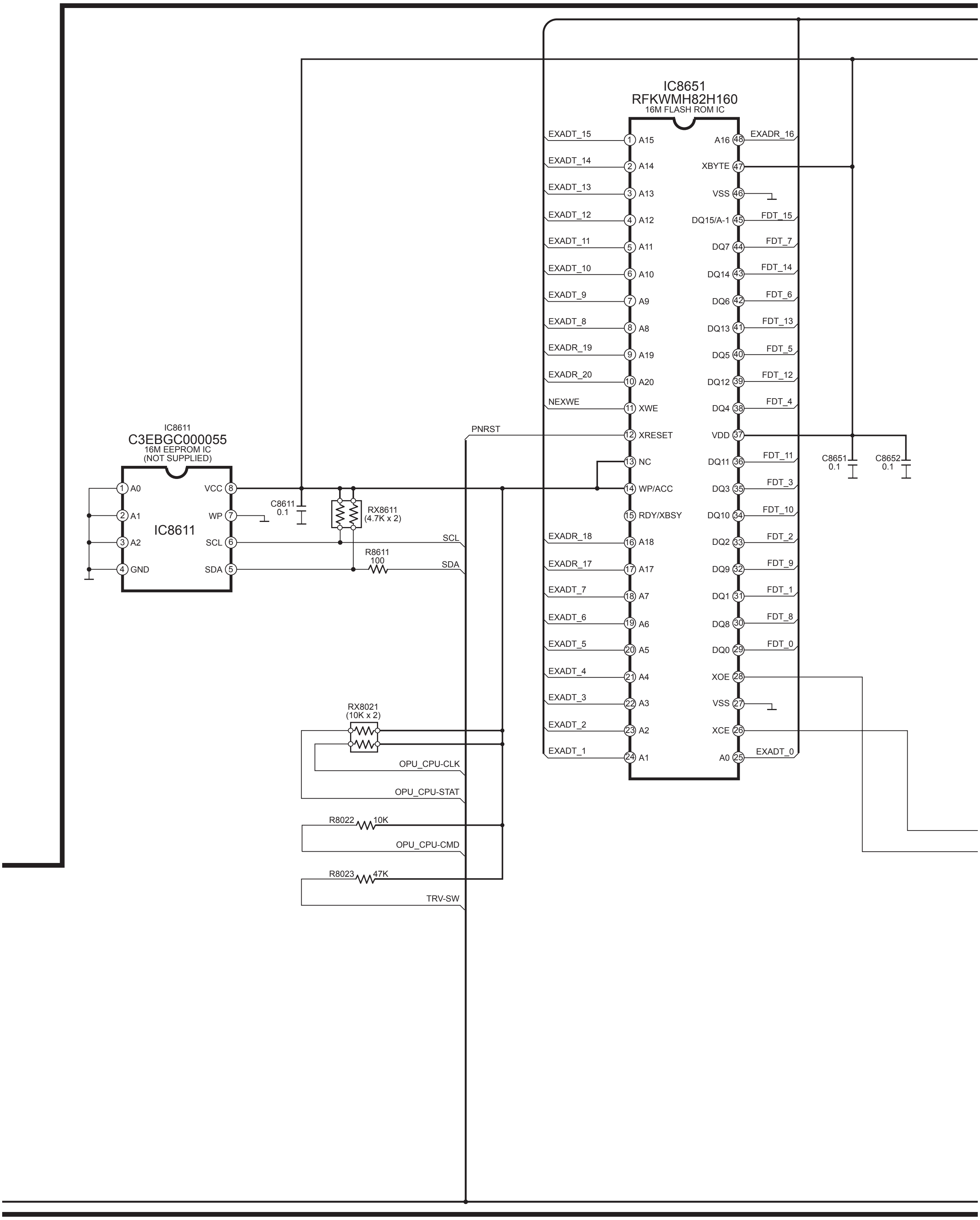
A DVD MODULE CIRCUIT

: MAIN SIGNAL LINE
: +B SIGNAL LINE
: DVD VIDEO SIGNAL LINE
: DVD AUDIO SIGNAL LINE



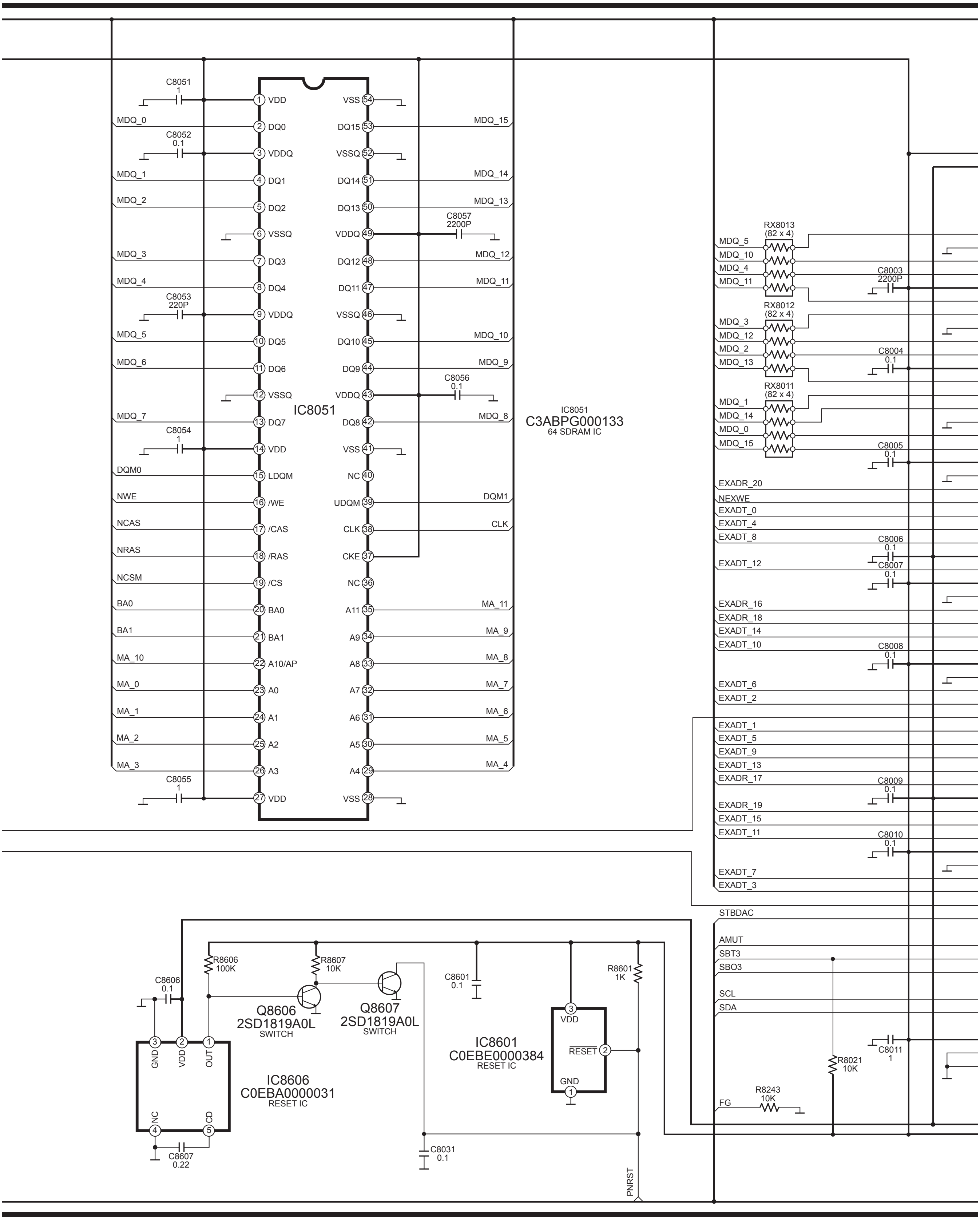
A DVD MODULE CIRCUIT

: +B SIGNAL LINE



A DVD MODULE CIRCUIT

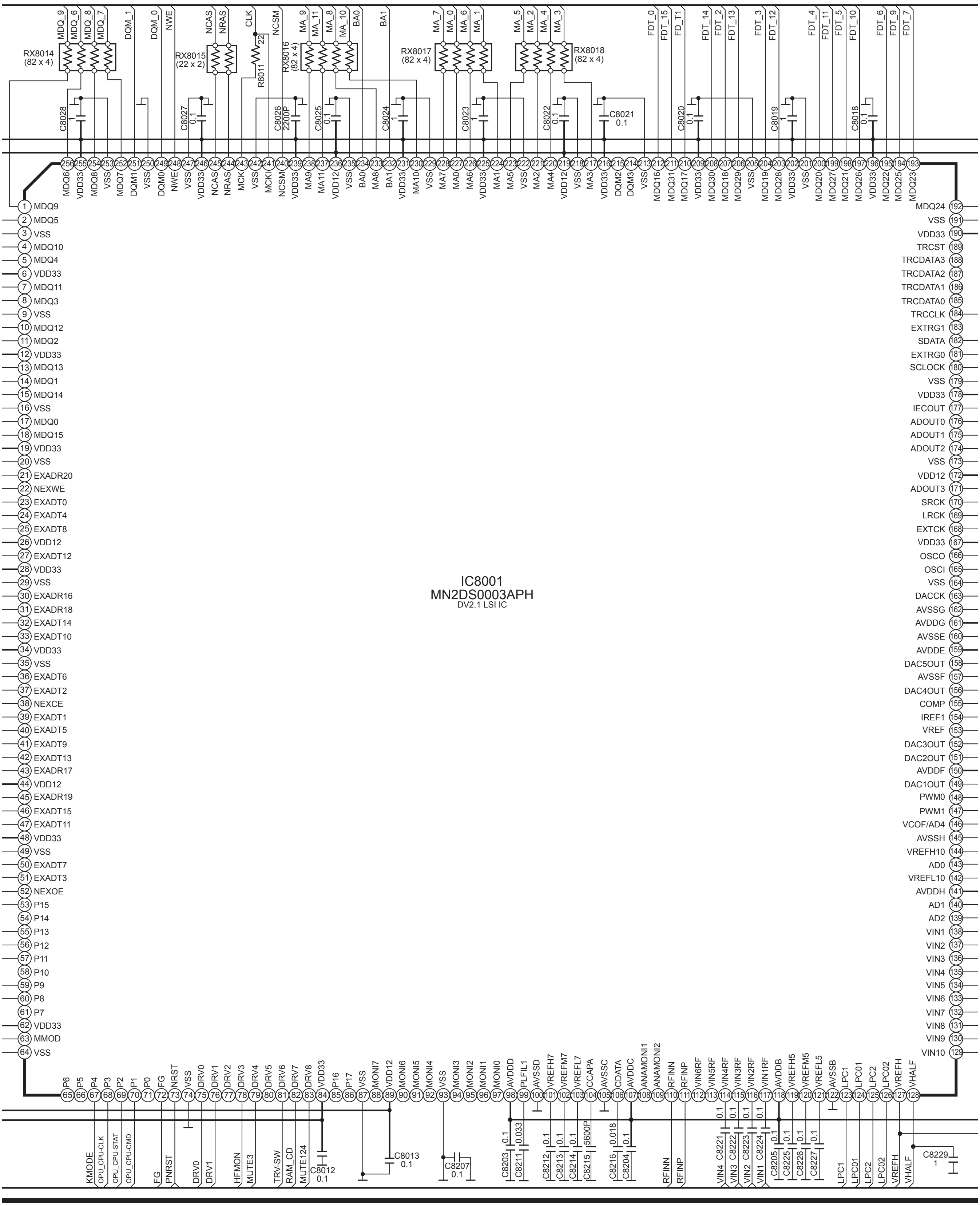
: +B SIGNAL LINE



SCHEMATIC DIAGRAM - 7

A DVD MODULE CIRCUIT

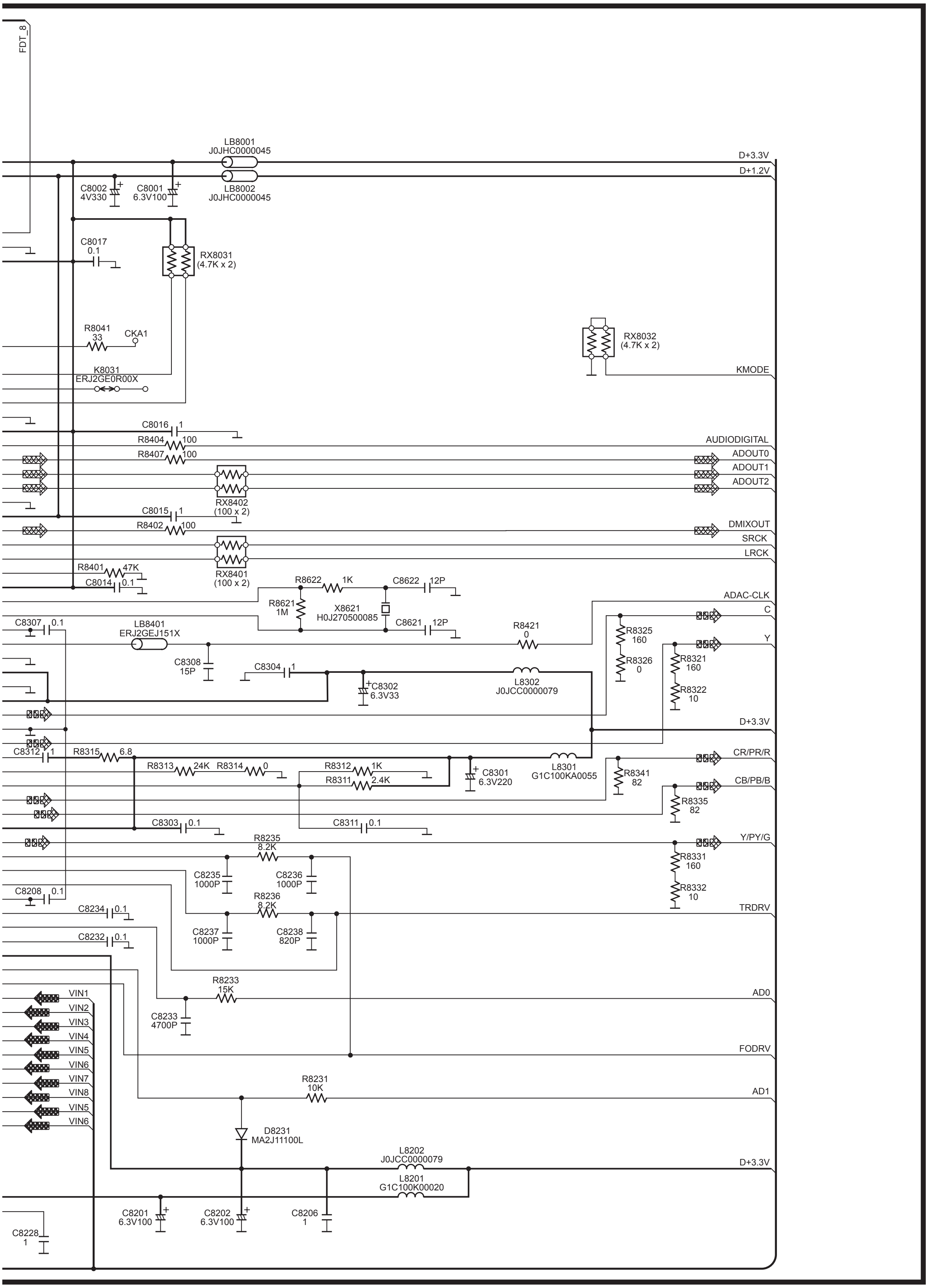
——— : +B SIGNAL LINE



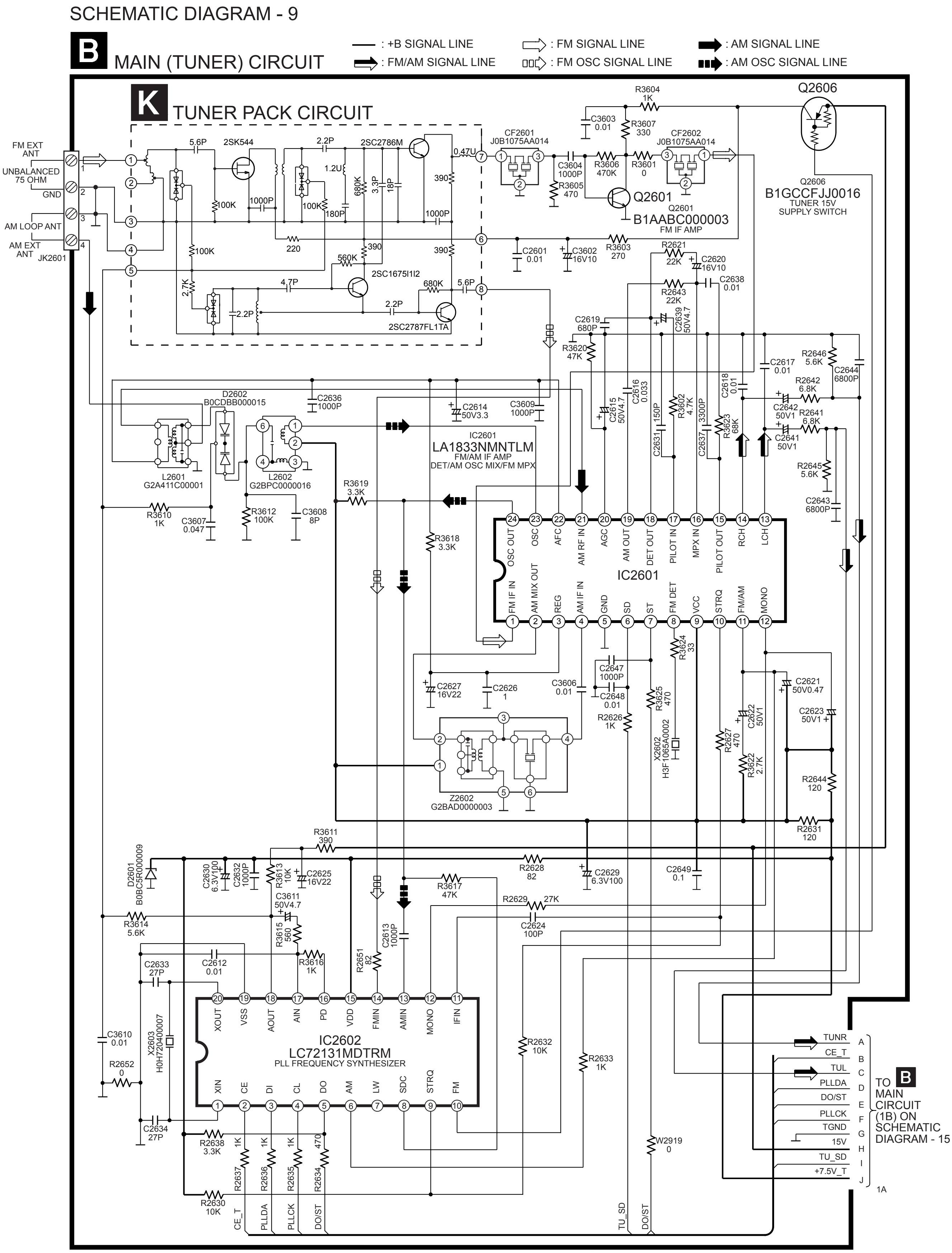
SCHEMATIC DIAGRAM - 8

A DVD MODULE CIRCUIT

: CD-DA SIGNAL LINE
: +B SIGNAL LINE
: DVD VIDEO SIGNAL LINE
: DVD AUDIO SIGNAL LINE

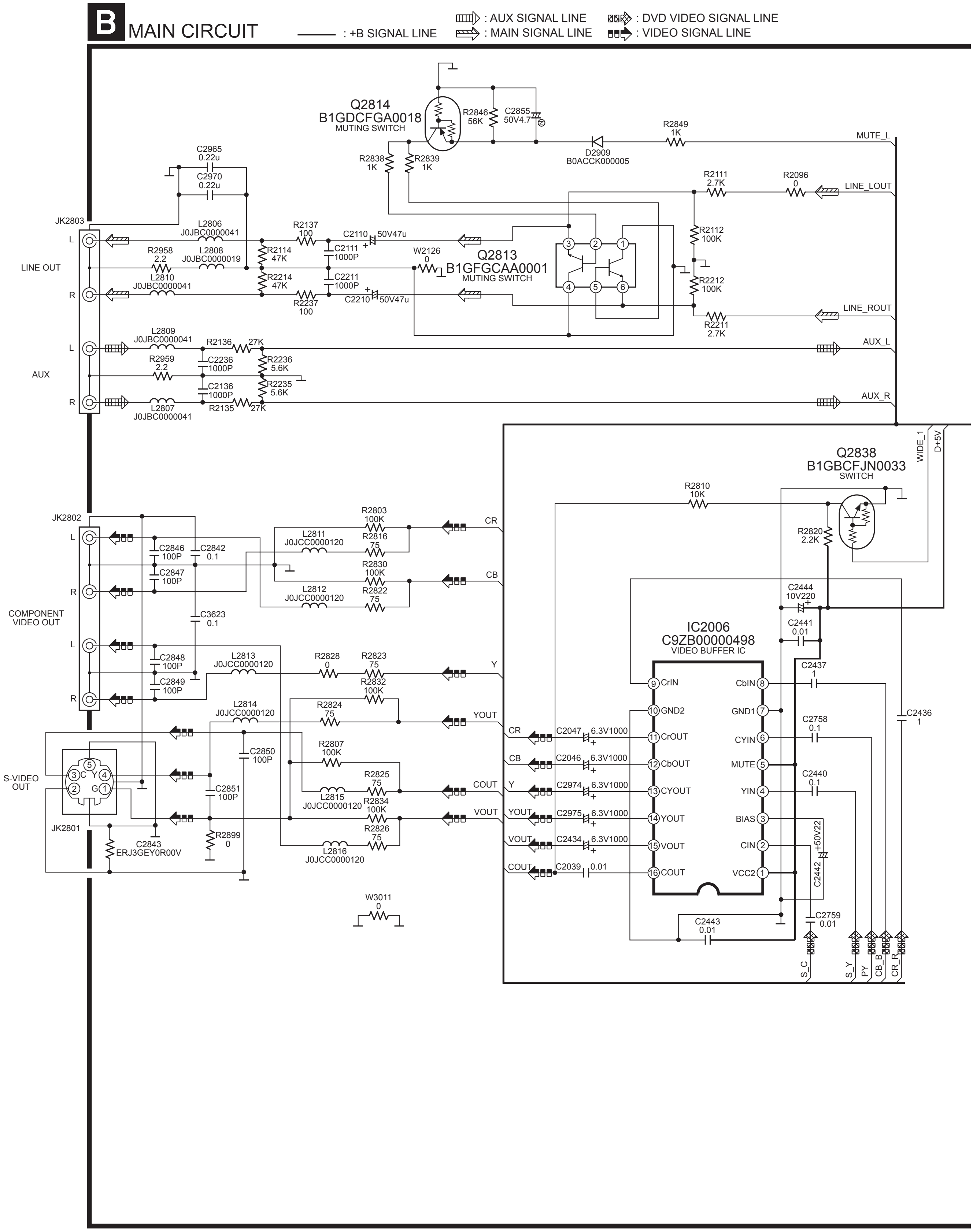


21.3. (B) Main (Tuner) Circuit



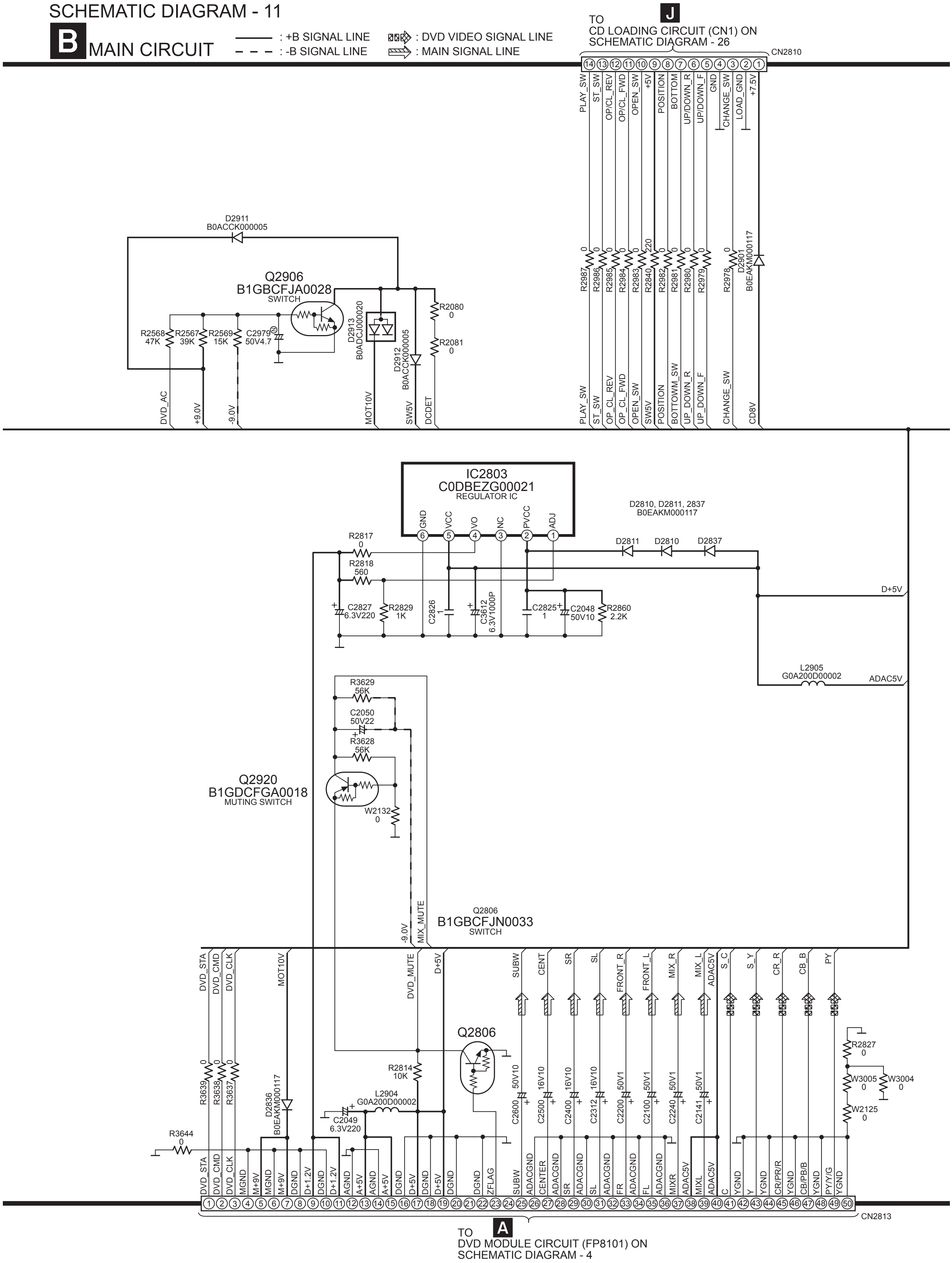
21.4. (B) Main Circuit

SCHEMATIC DIAGRAM - 10



SCHEMATIC DIAGRAM - 11

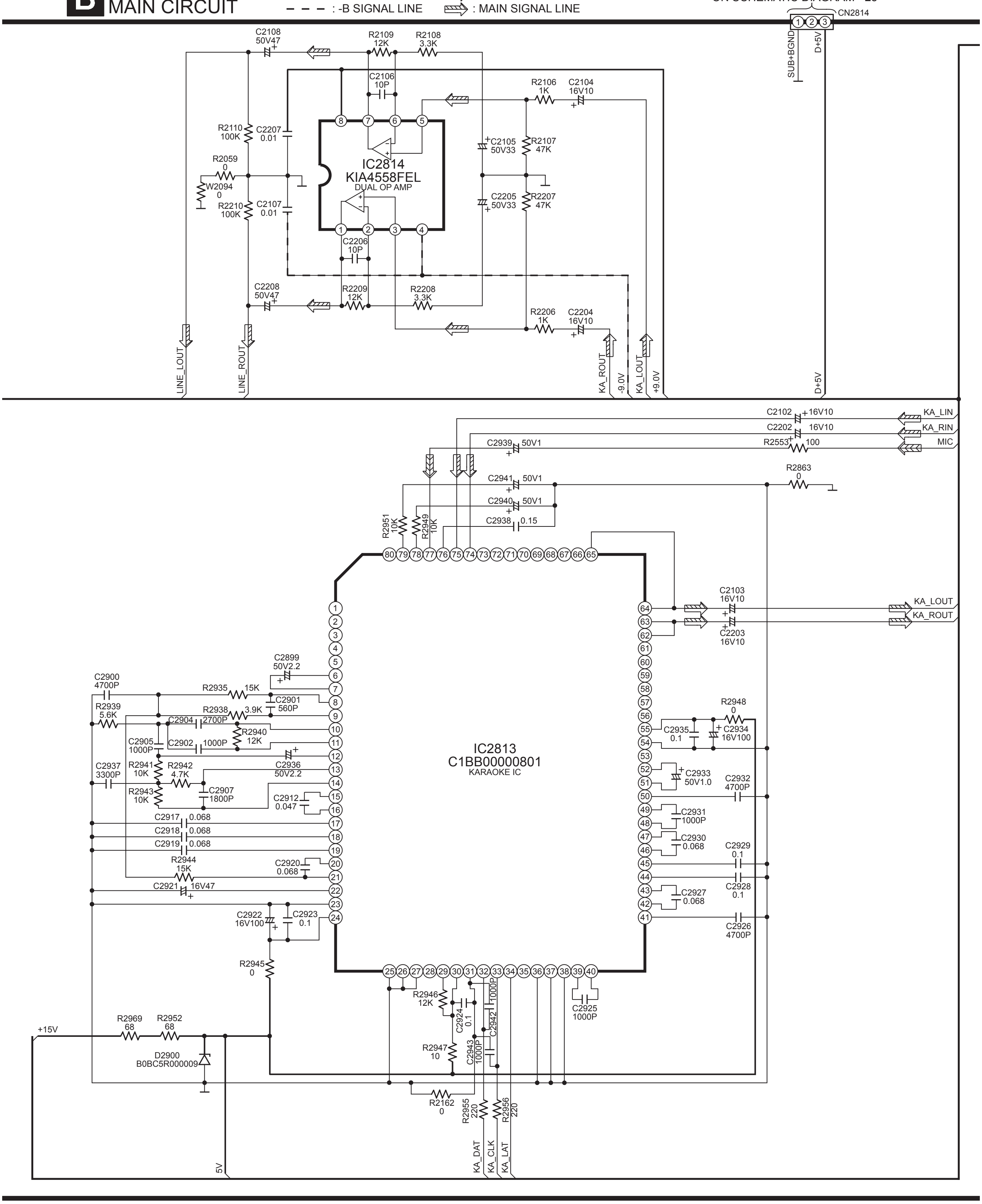
B MAIN CIRCUIT



B MAIN CIRCUIT

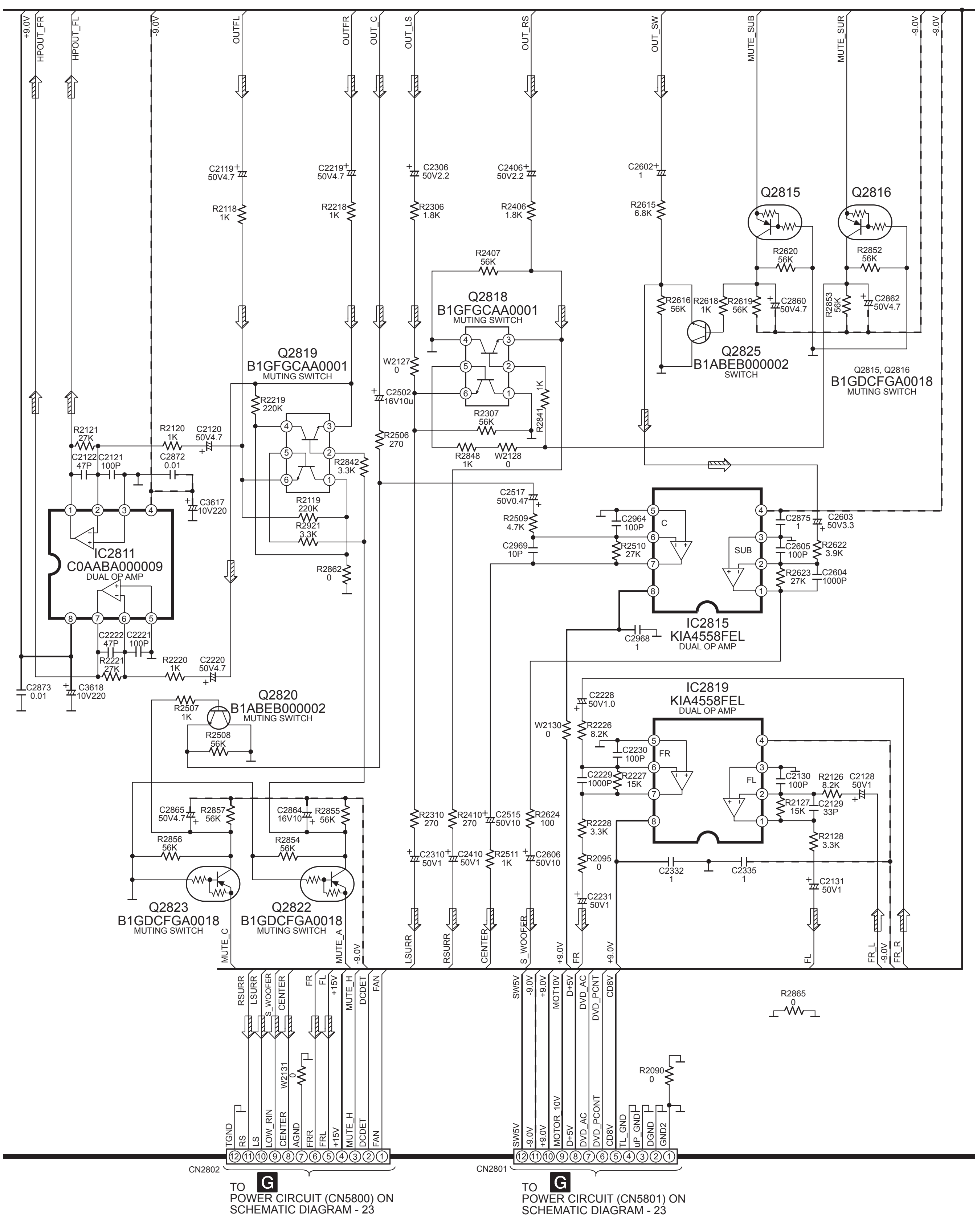
: +B SIGNAL LINE
: -B SIGNAL LINE
: MIC SIGNAL LINE
: MAIN SIGNAL LINE

TO **I** TRANSFORMER CIRCUIT (H9502/W9502) ON SCHEMATIC DIAGRAM - 25



B MAIN CIRCUIT

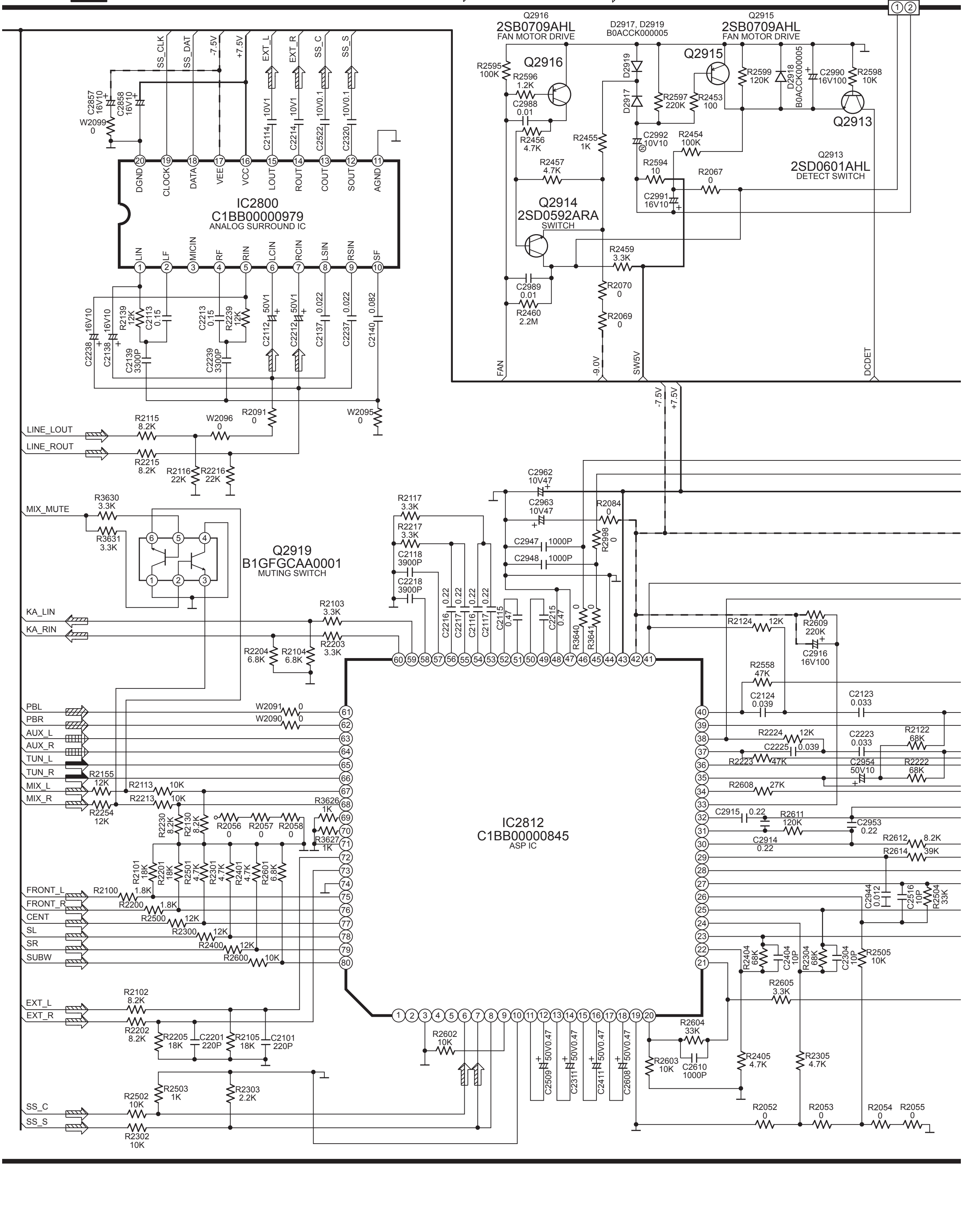
: +B SIGNAL LINE
: -B SIGNAL LINE
: MAIN SIGNAL LINE



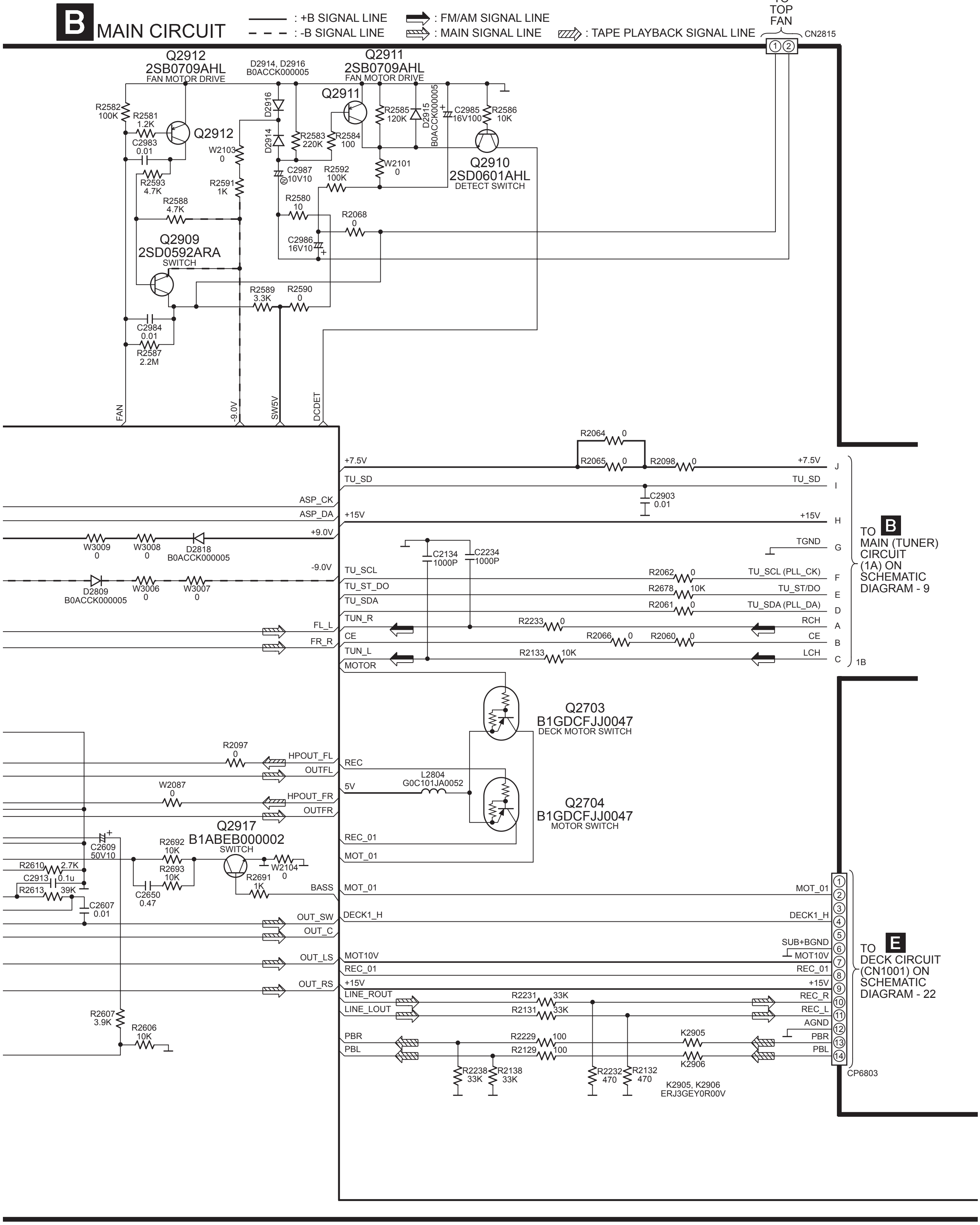
SCHEMATIC DIAGRAM - 14

B MAIN CIRCUIT

: +B SIGNAL LINE
: -B SIGNAL LINE
: AUX SIGNAL LINE
: MAIN SIGNAL LINE
: FM/AM SIGNAL LINE
: TAPE PLAYBACK SIGNAL LINE

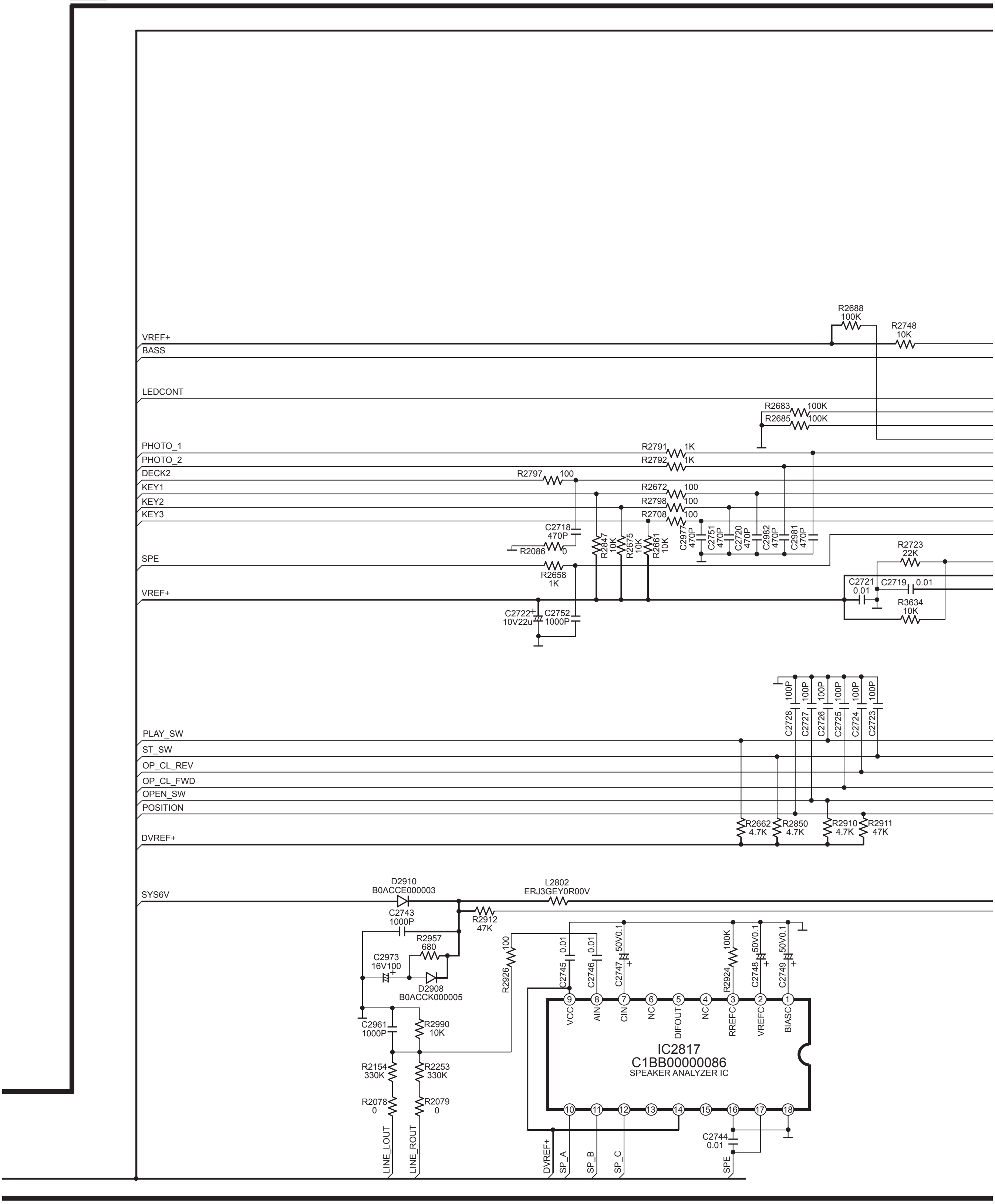


B MAIN CIRCUIT

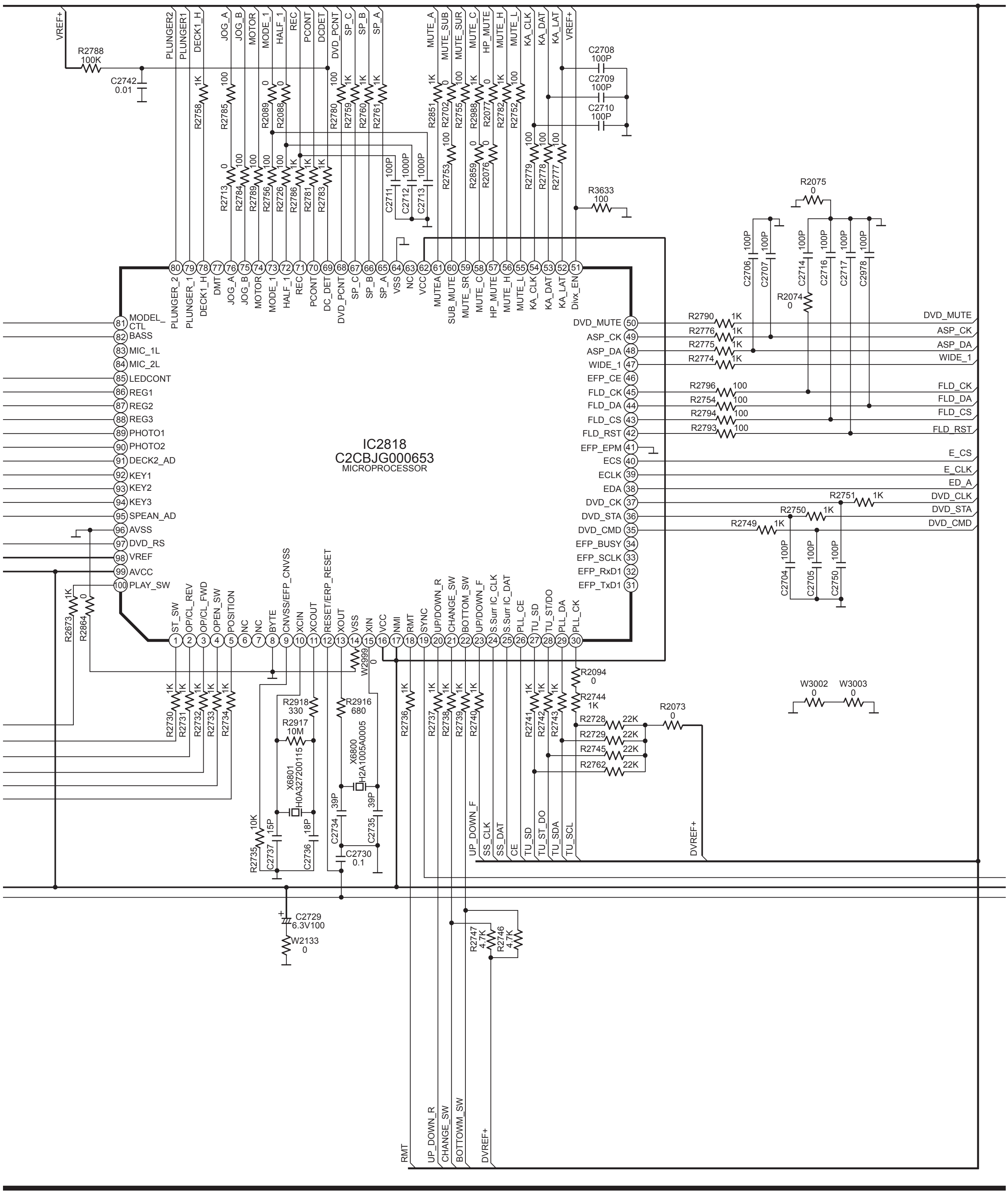


B MAIN CIRCUIT

: +B SIGNAL LINE

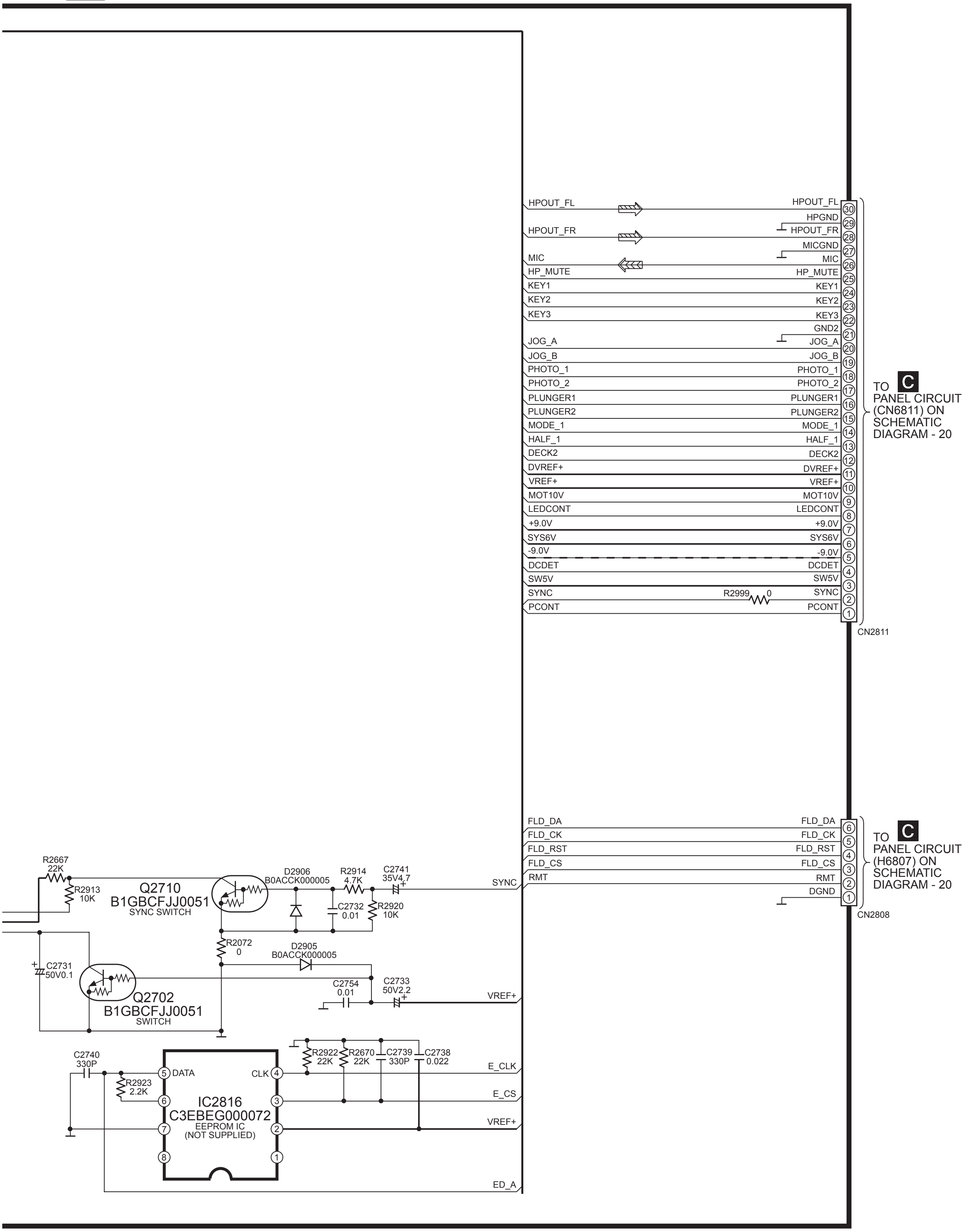


B MAIN CIRCUIT —— : +B SIGNAL LINE



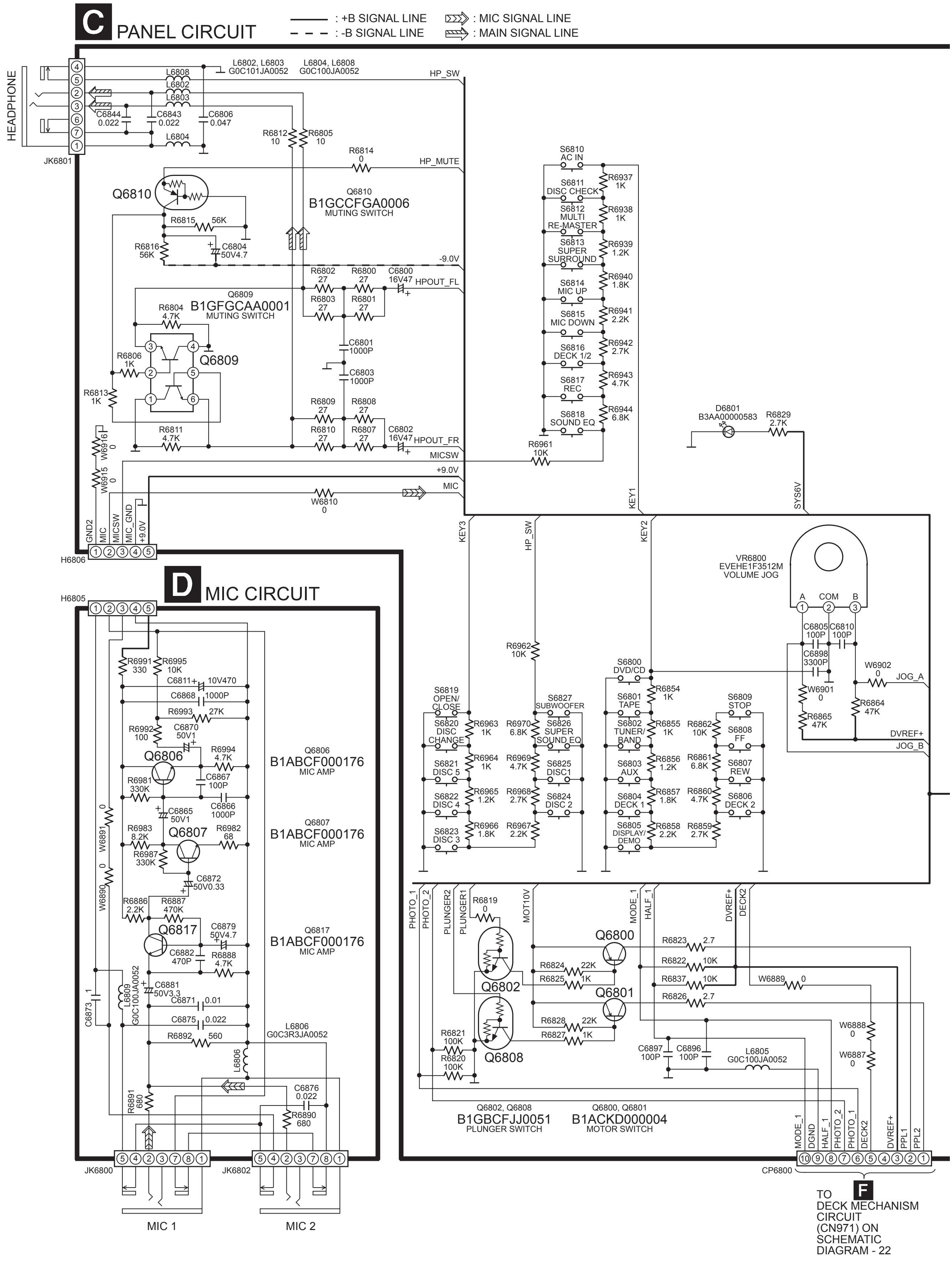
B MAIN CIRCUIT

: +B SIGNAL LINE
: -B SIGNAL LINE
: MIC SIGNAL LINE
: MAIN SIGNAL LINE



21.5. (C) Panel Circuit & (D) Mic Circuit

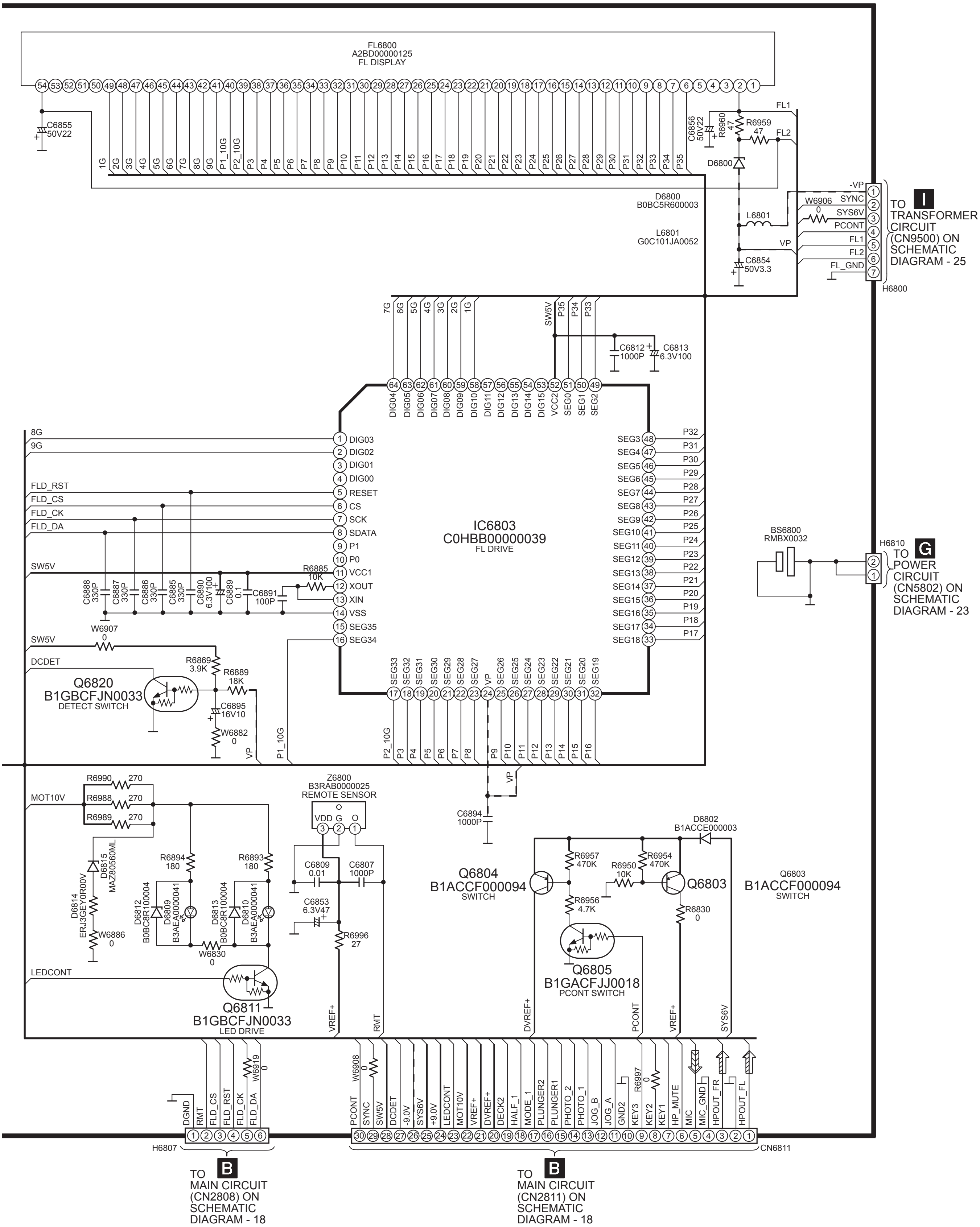
SCHEMATIC DIAGRAM - 19



SCHEMATIC DIAGRAM - 20

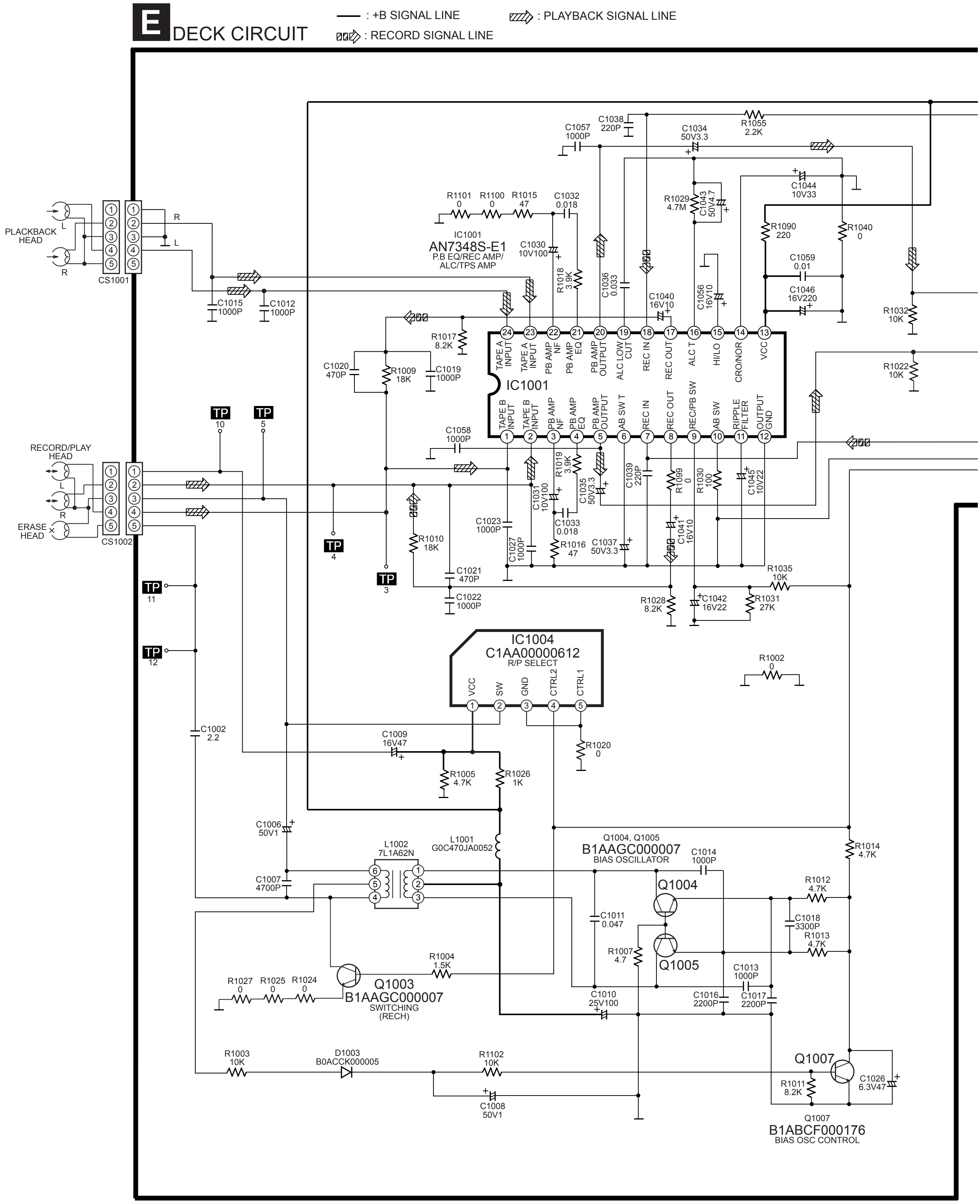
C PANEL CIRCUIT

―― : +B SIGNAL LINE
- - - : -B SIGNAL LINE
: MIC SIGNAL LINE
: MAIN SIGNAL LINE



21.6. (E) Deck Circuit & (F) Deck Mechanism Circuit

SCHEMATIC DIAGRAM - 21



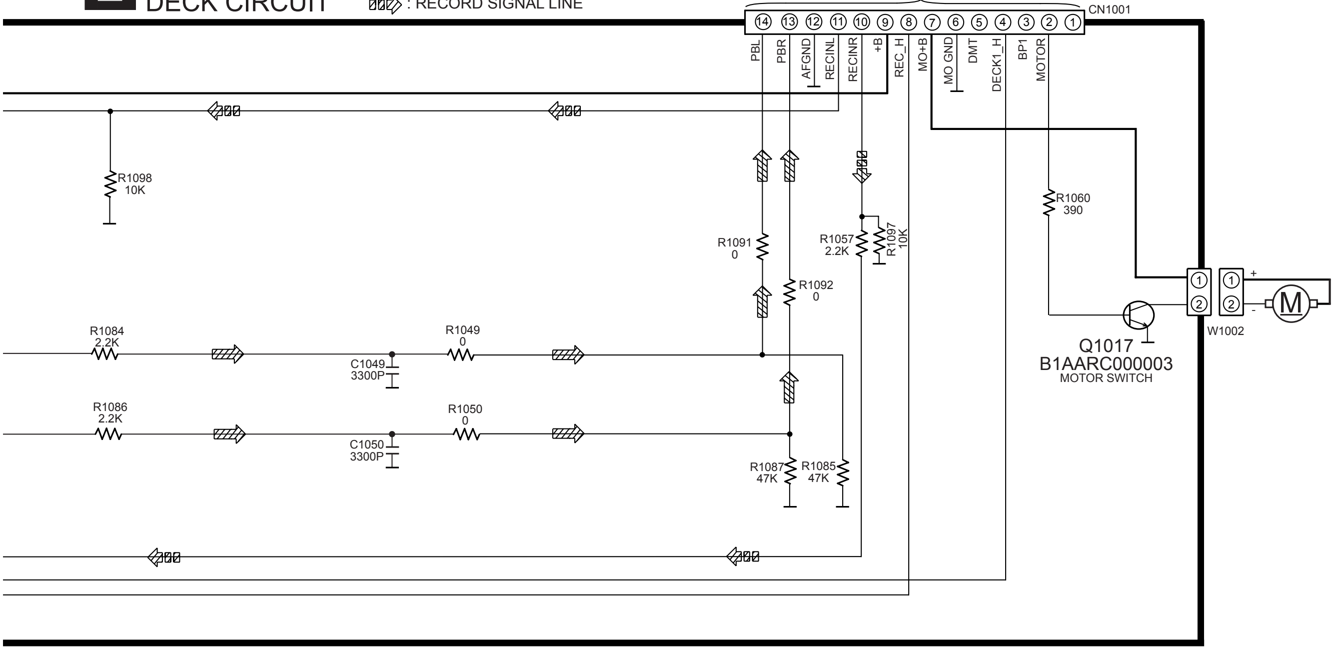
E DECK CIRCUIT

—— : +B SIGNAL LINE

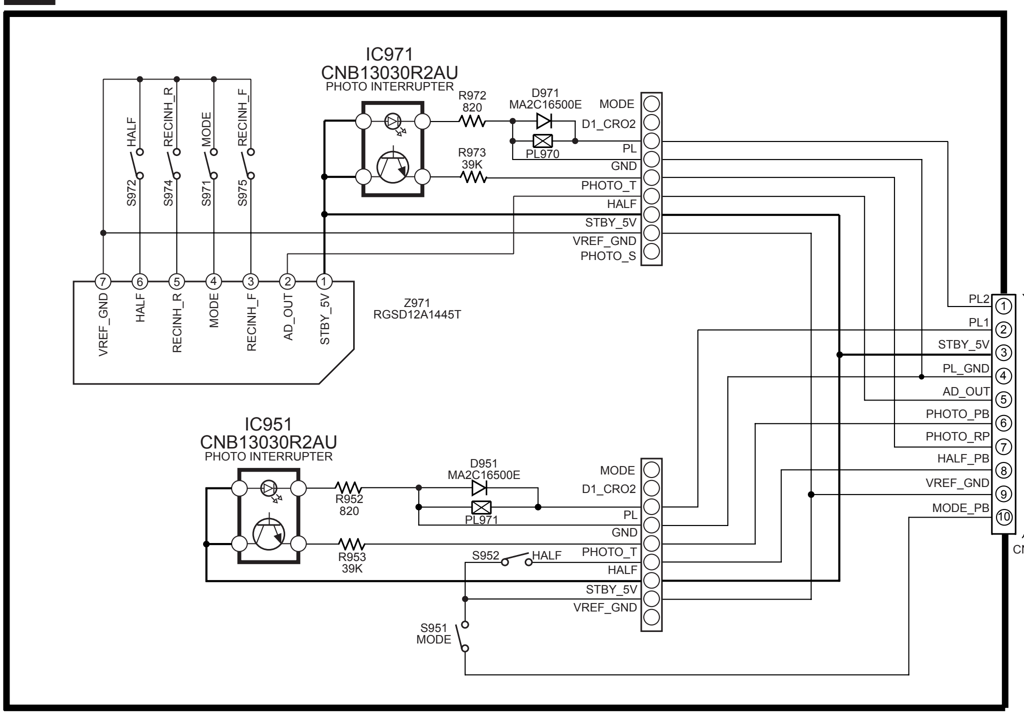
: RECORD SIGNAL LINE

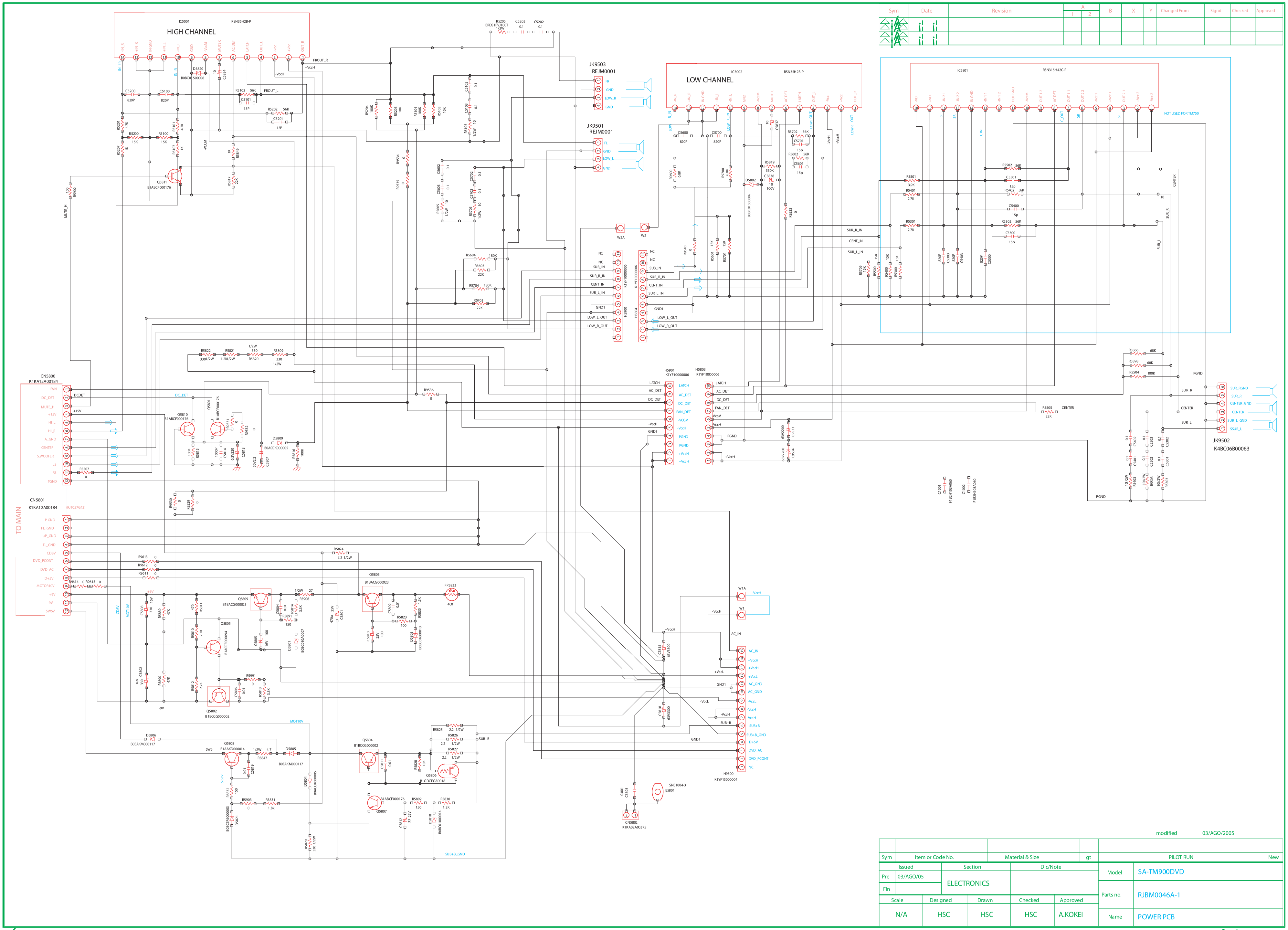
: PLAYBACK SIGNAL LINE

TO B MAIN CIRCUIT (CP6803) ON SCHEMATIC DIAGRAM - 15

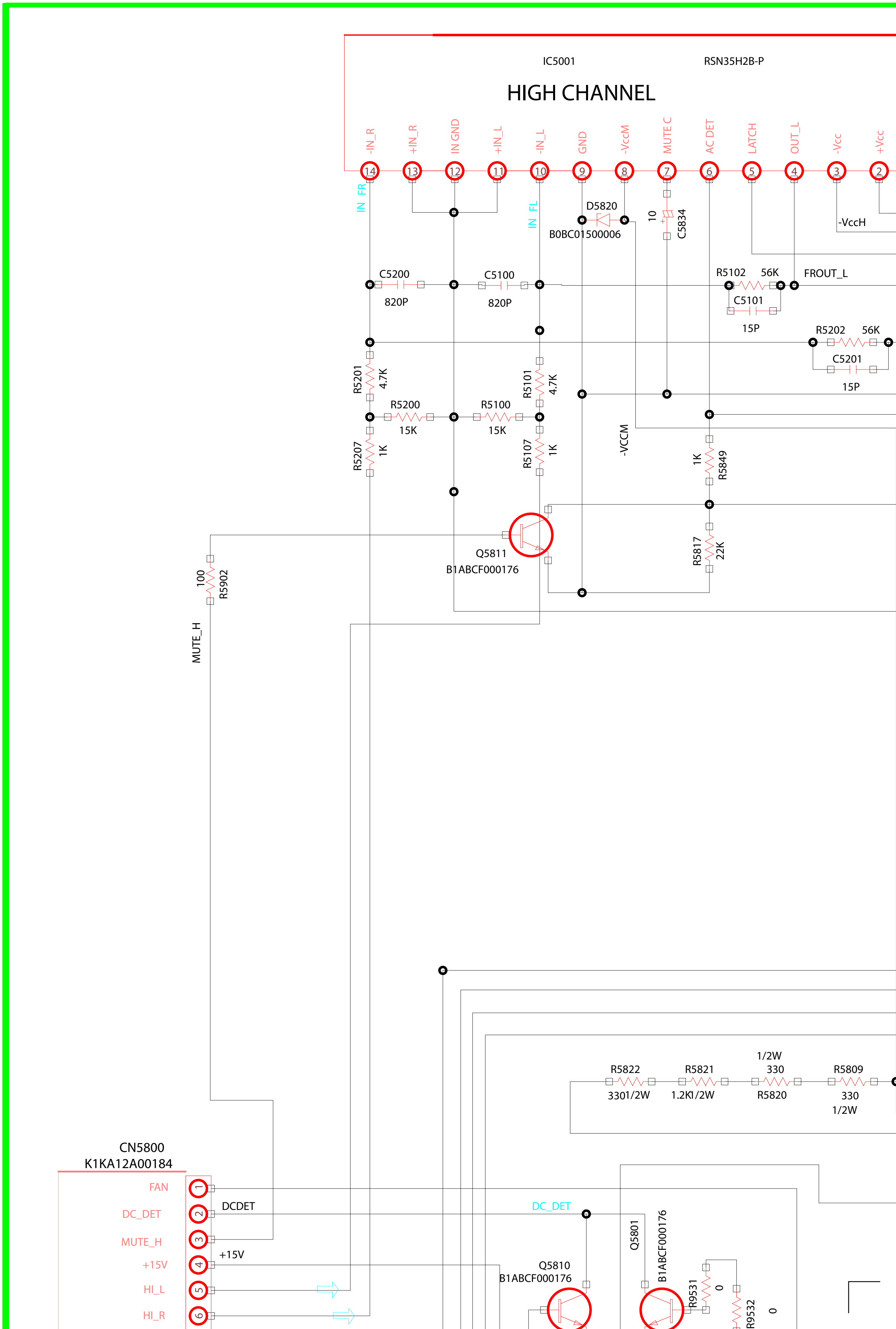


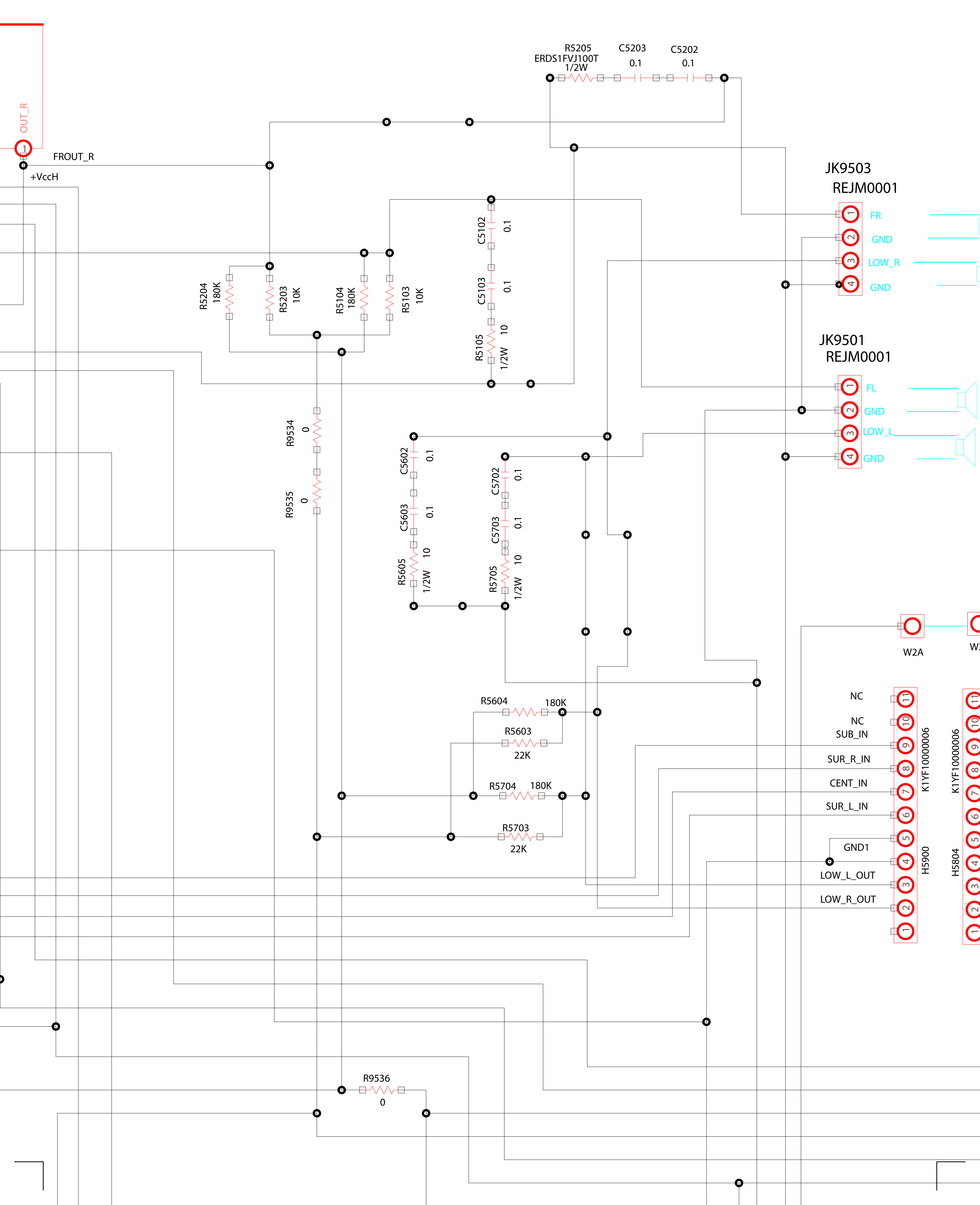
F DECK MECHANISM CIRCUIT





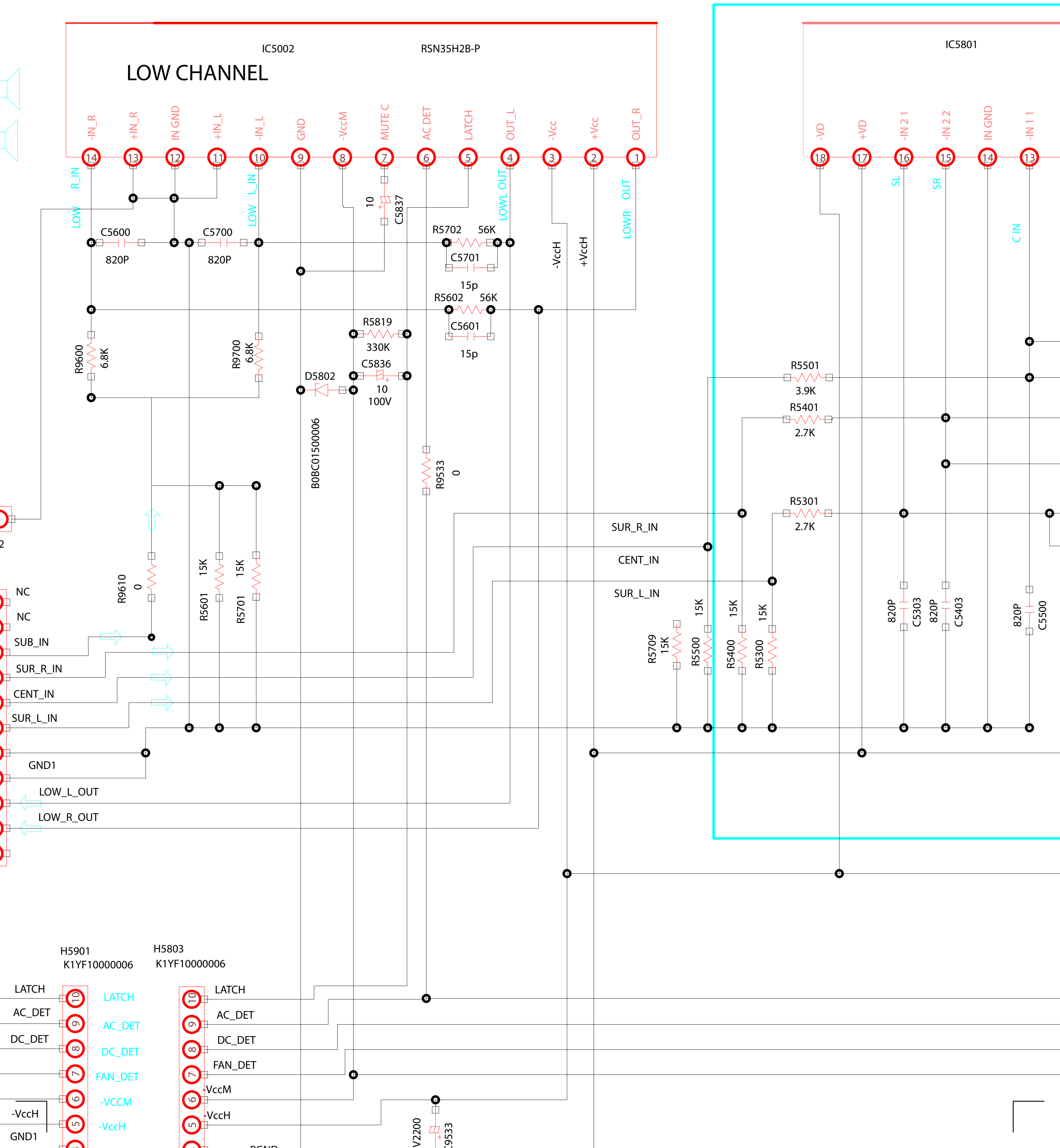
PANASONIC DE MEXICO SA DE CV
INGENIERIA DE AUDIO


IC5001
RSN35H2B-P
HIGH CHANNEL
-IN_R
+IN_R
IN GND
+IN_L
-IN_L
GND
-VccM
MUTE C
AC DET
LATCH
OUT_L
-Vcc
+Vcc
IN FR
IN FL
D5820
B0BC01500006
10
C5834
-VccH
R5102 56K
FROUT_L
C5200
820P
C5100
820P
C5101
15P
R5202 56K
C5201
15P
R5201 4.7K
R5101 4.7K
R5200 15K
R5100 15K
-VCCM
R5207 1K
R5107 1K
1K R5849
Q5811
B1ABCF000176
R5817 22K
100 R5902
MUTE_H
R5822 3301/2W
R5821 1.2K1/2W
1/2W 330 R5820
R5809 330 1/2W
CN5800
K1KA12A00184
FAN
DC_DET
MUTE_H
+15V
HI_L
HI_R
DCDET
DC_DET
+15V
Q5810
B1ABCF000176
Q5801
B1ABCF000176
R9531 0
R9532 0



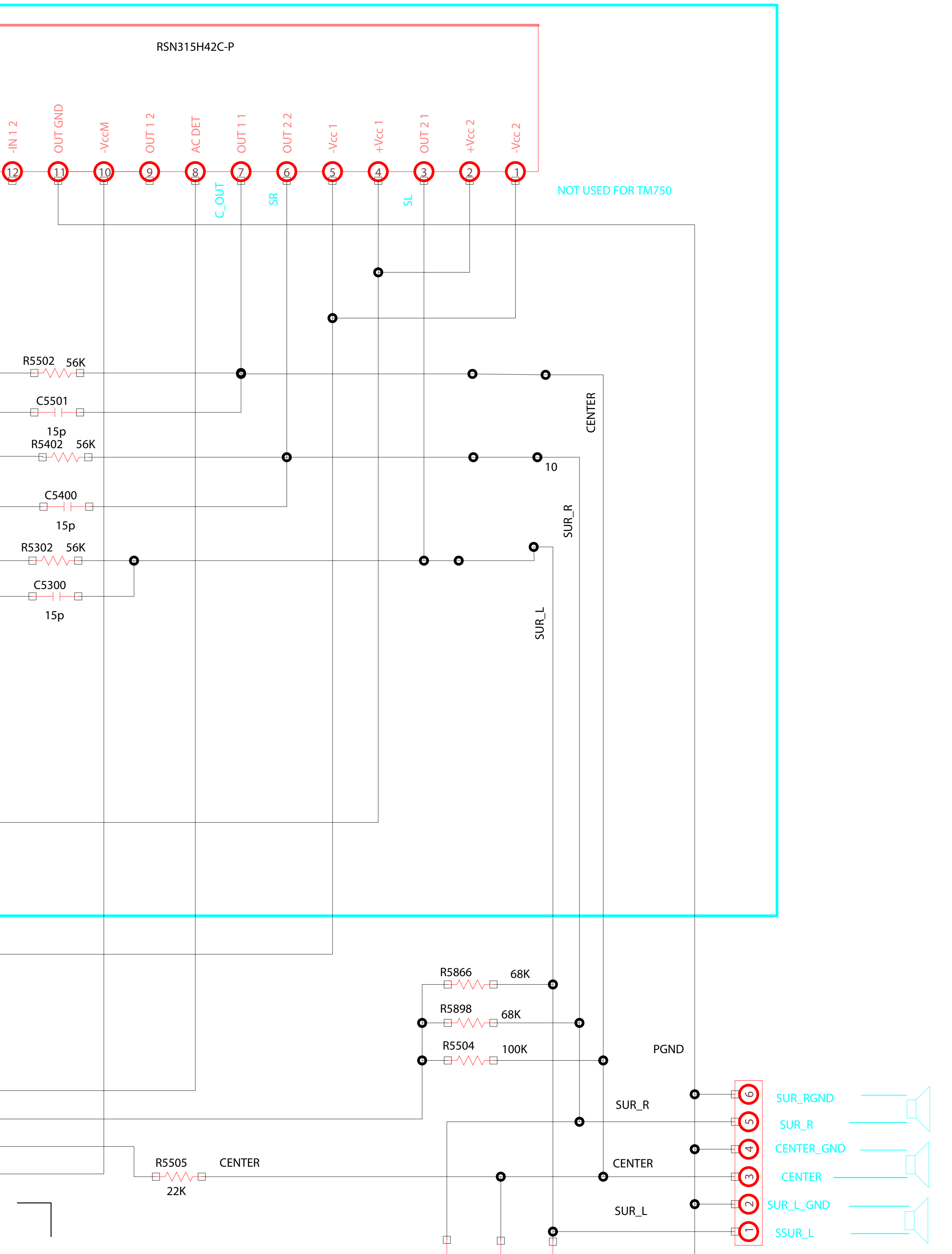
OUT_R
FROUT_R
+VccH
R5205
ERDS1FVJ100T
1/2W
C5203
0.1
C5202
0.1
JK9503
REJM0001
FR
GND
LOW_R
GND
JK9501
REJM0001
FL
GND
LOW_L
GND
C5102
0.1
C5103
0.1
R5105
10
1/2W
R5204
180K
R5203
10K
R5104
180K
R5103
10K
R9534
0
R9535
0
C5602
0.1
C5603
0.1
R5605
10
1/2W
C5702
0.1
C5703
0.1
R5705
10
1/2W
W2A
R5604
180K
R5603
22K
R5704
180K
R5703
22K
NC
NC
SUB_IN
SUR_R_IN
CENT_IN
SUR_L_IN
GND1
LOW_L_OUT
LOW_R_OUT
K1YF10000006
H5900
K1YF10000006
H5804
R9536
0

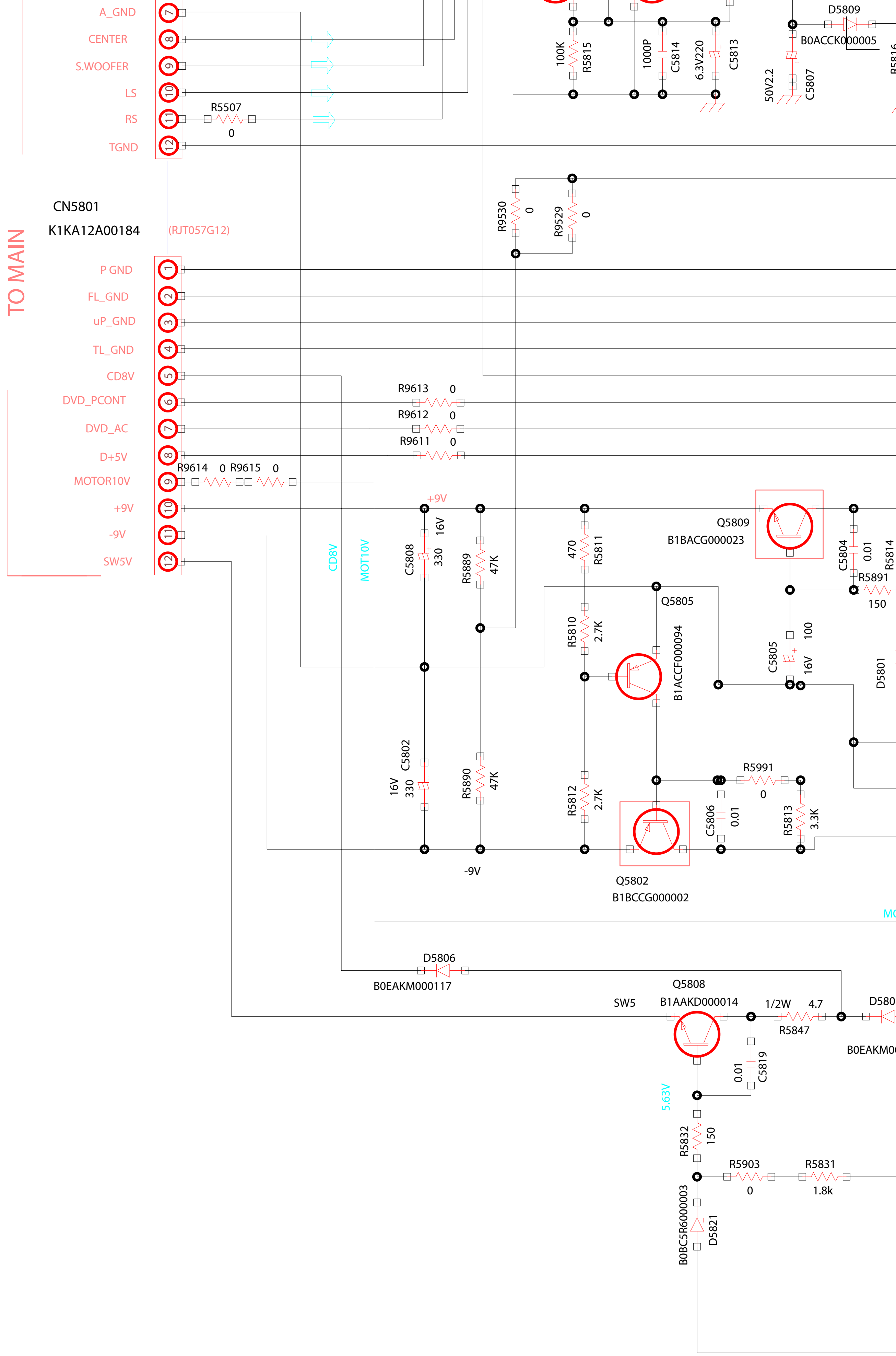
Sym	Date	R



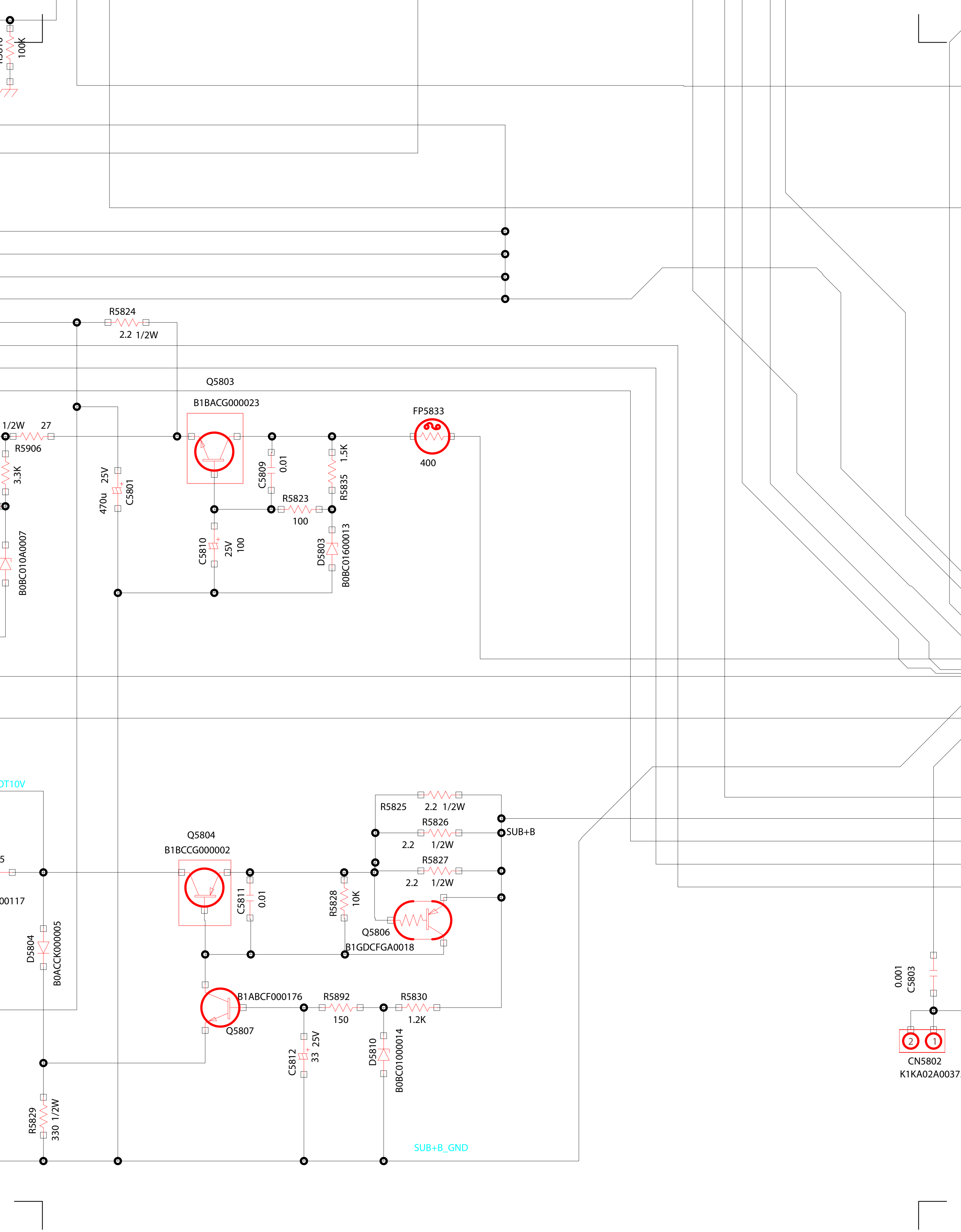
LOW CHANNEL
IC5002
RSN35H2B-P
-IN_R
+IN_R
IN GND
+IN_L
-IN_L
GND
-VccM
MUTE C
AC DET
LATCH
OUT_L
-Vcc
+Vcc
OUT_R
LOW R_IN
LOW L_IN
LOWL OUT
LOWR OUT
C5600
820P
C5700
820P
10
C5837
R5702
56K
C5701
15p
R5602
56K
C5601
15p
-VccH
+VccH
R5819
330K
C5836
10
100V
D5802
R9600
6.8K
R9700
6.8K
B0BC01500006
R9533
0
R9610
0
R5601
15K
R5701
15K
NC
NC
SUB_IN
SUR_R_IN
CENT_IN
SUR_L_IN
GND1
LOW_L_OUT
LOW_R_OUT
IC5801
-VD
+VD
-IN 2 1
-IN 2 2
IN GND
-IN 1 1
SL
SR
C IN
R5501
3.9K
R5401
2.7K
R5301
2.7K
R5709
15K
R5500
15K
R5400
15K
R5300
15K
820P
C5303
820P
C5403
820P
C5500
H5901
K1YF10000006
H5803
K1YF10000006
LATCH
AC_DET
DC_DET
FAN_DET
-VCCM
-VccH
-VccM
-VccH
GND1
C9533

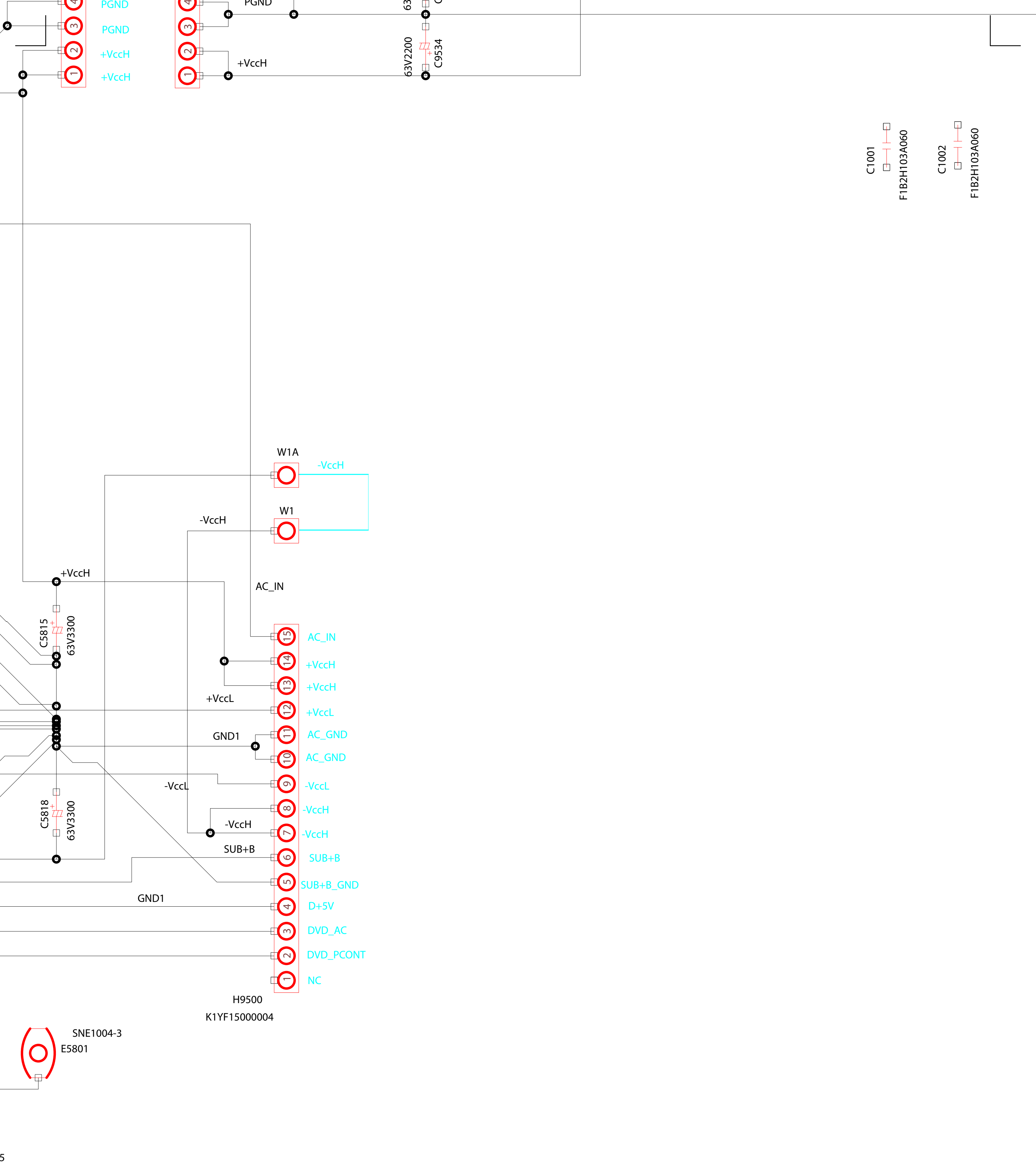
evision	A		B	X	Y	Changed From	Signd	Checked	Approved
	1	2							



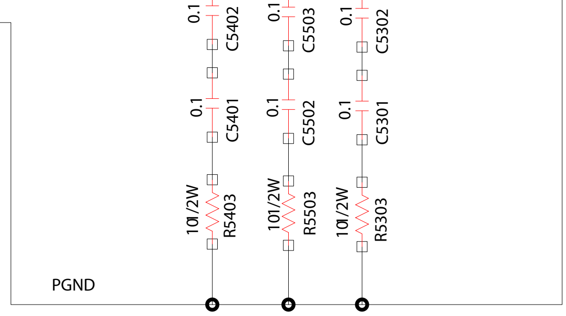


TO MAIN
CN5801
K1KA12A00184
(RJT057G12)
A_GND
CENTER
S.WOOFER
LS
RS
TGND
P GND
FL_GND
uP_GND
TL_GND
CD8V
DVD_PCONT
DVD_AC
D+5V
MOTOR10V
+9V
-9V
SW5V
R5507
0
R5815
100K
1000P
C5814
6.3V220
C5813
D5809
B0ACCK000005
50V2.2
C5807
R9530
0
R9529
0
R9613 0
R9612 0
R9611 0
R9614 0 R9615 0
+9V
CD8V
MOT10V
C5808
16V
330
R5889
47K
470
R5811
Q5809
B1BACG000023
C5804
0.01
R5814
R5891
150
Q5805
R5810
2.7K
B1ACCF000094
C5805
100
16V
D5801
C5802
16V
330
R5890
47K
R5812
2.7K
R5991
0
C5806
0.01
R5813
3.3K
-9V
Q5802
B1BCCG000002
D5806
B0EAKM000117
Q5808
B1AAKD000014
SW5
1/2W
4.7
R5847
C5819
0.01
5.63V
R5832
150
R5903
0
R5831
1.8k
B0BC5R6000003
D5821


100K
R5824
2.2 1/2W
Q5803
B1BACG000023
FP5833
400
1/2W 27
R5906
3.3K
470u 25V
C5801
C5809
0.01
R5823
100
1.5K
R5835
C5810
25V
100
D5803
B0BC01600013
B0BC010A0007
OT10V
R5825
2.2 1/2W
R5826
2.2 1/2W
SUB+B
Q5804
B1BCCG000002
R5827
2.2 1/2W
5
00117
C5811
0.01
R5828
10K
Q5806
B1GDCFGA0018
D5804
B0ACCK000005
B1ABCF000176
Q5807
R5892
150
R5830
1.2K
C5812
33 25V
D5810
B0BC01000014
R5829
330 1/2W
SUB+B_GND
0.001
C5803
2
1
CN5802
K1KA02A0037



Sym	Item or Code No.	
Issued		Section
Pre	03/AGO/05	ELECTRONICS



JK9502

K4BC06B00063

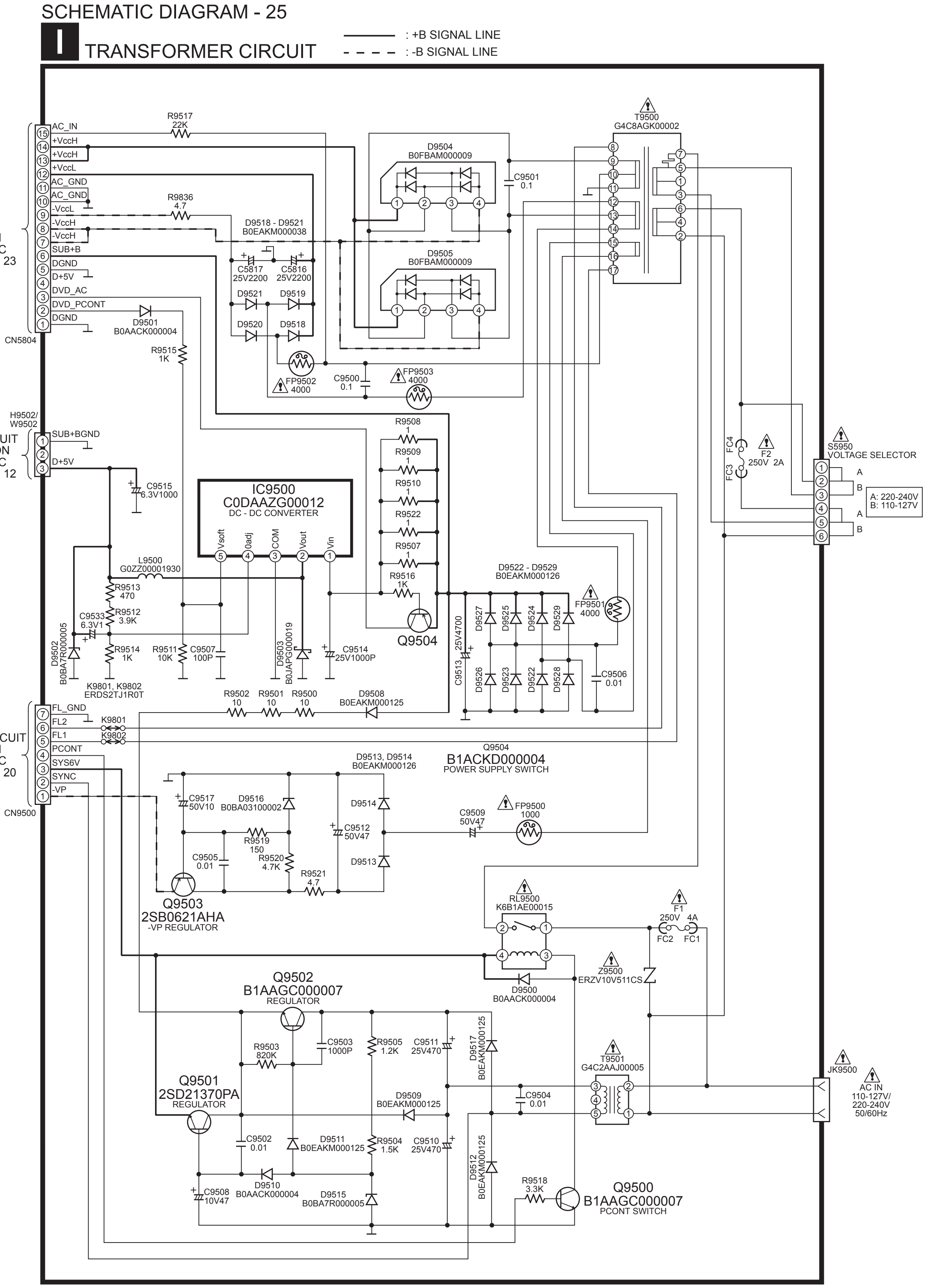
modified 03/AGO/2005

Material & Size	gt	PILOT RUN	New
Dic/Note		Model	SA-TM900DVD

Checked	Approved	Parts no.	RJBM0046A-1
HSC	A.KOKEI	Name	POWER PCB

Unit : mm

21.9. (I) Transformer Circuit



21.10. (J) CD Loading Circuit