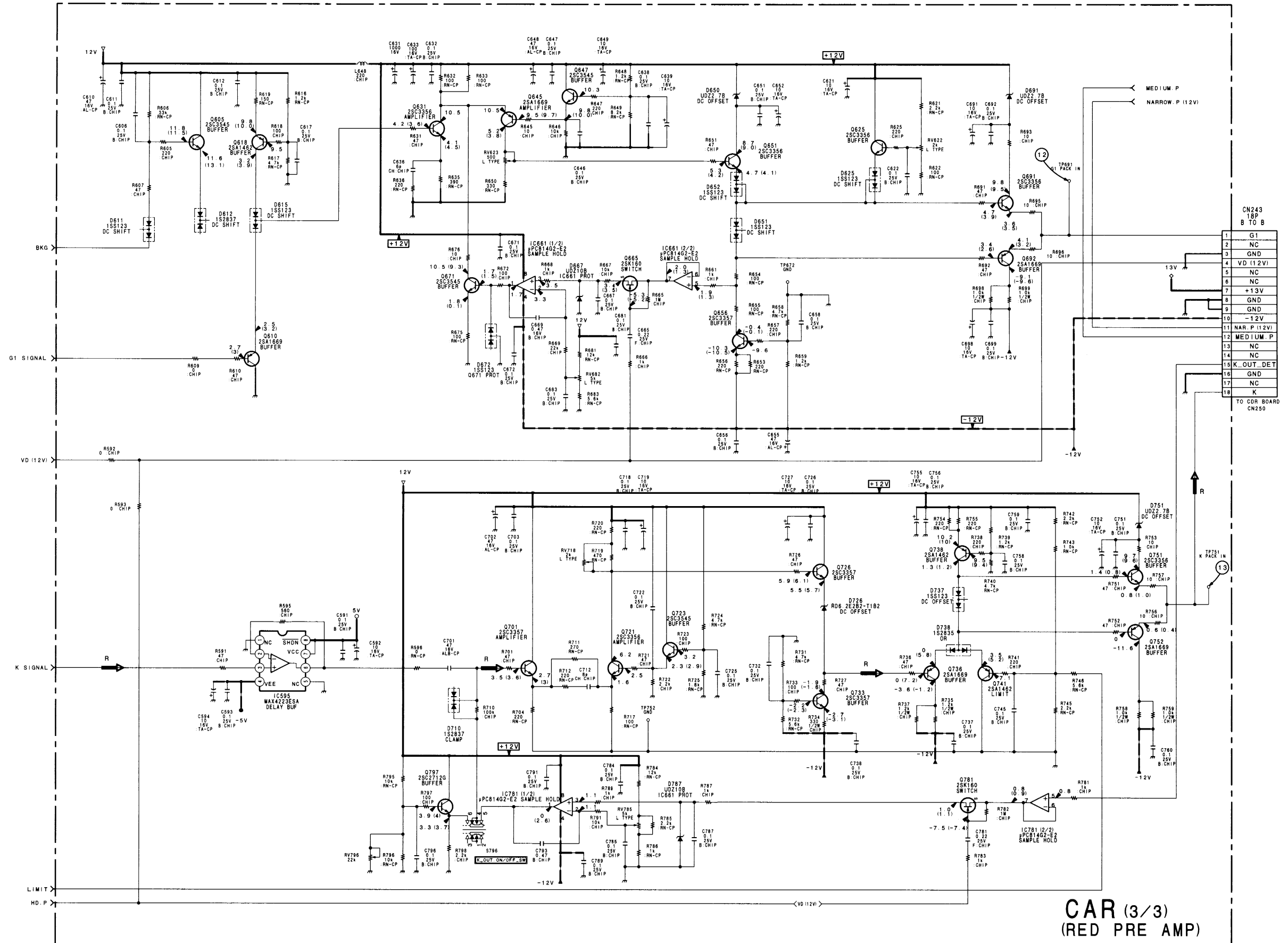
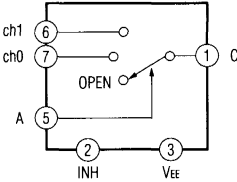


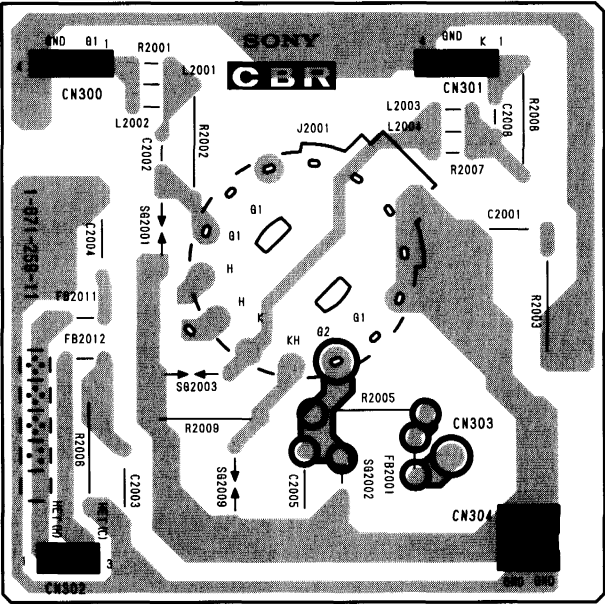
CAR (2/3) BOARD



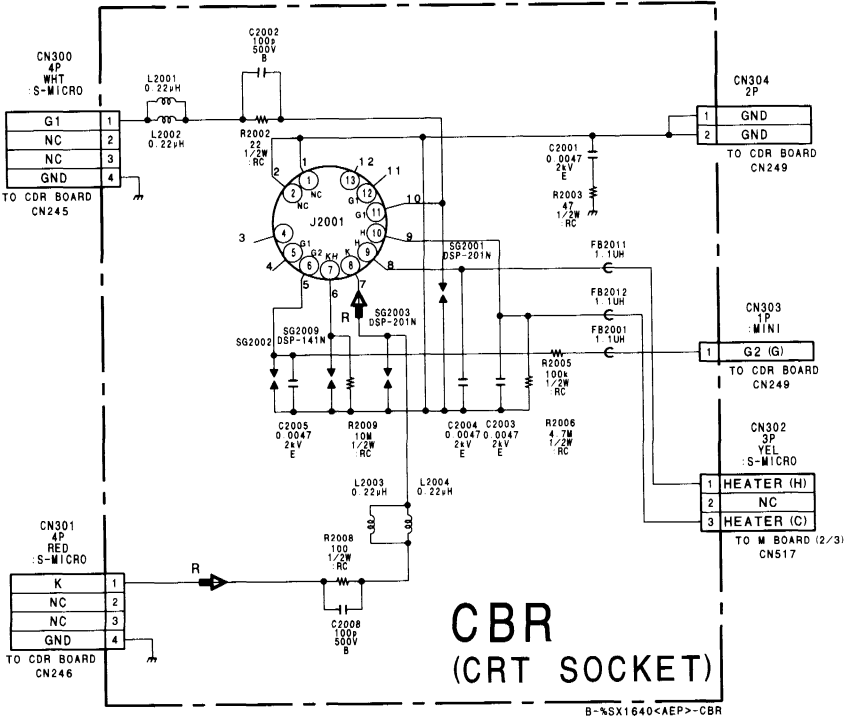
CAR BOARD (2/3) IC570
TC4W53FU



CBR BOARD

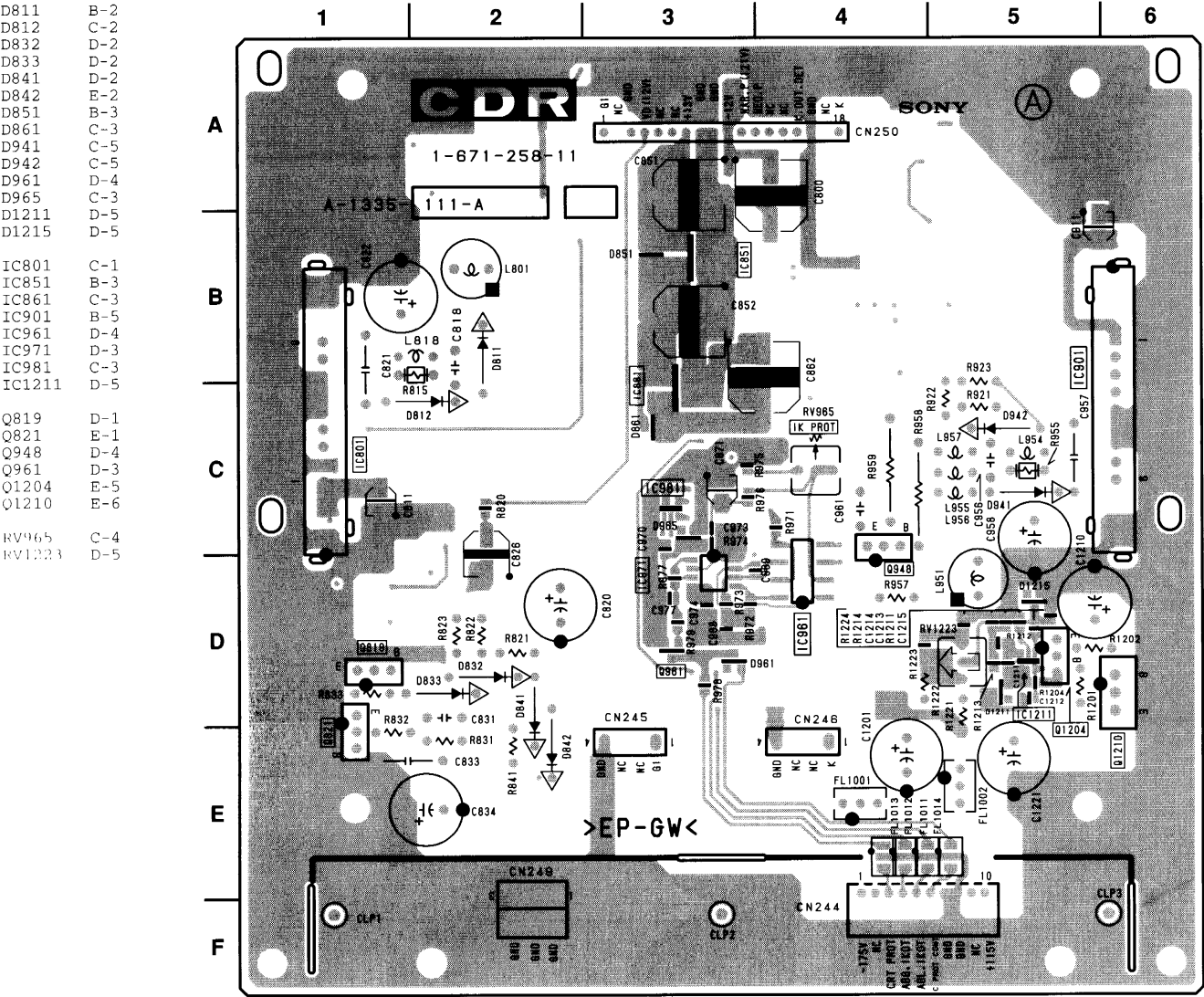


CBR -B SIDE-
SUFFIX: -11



CDR BOARD

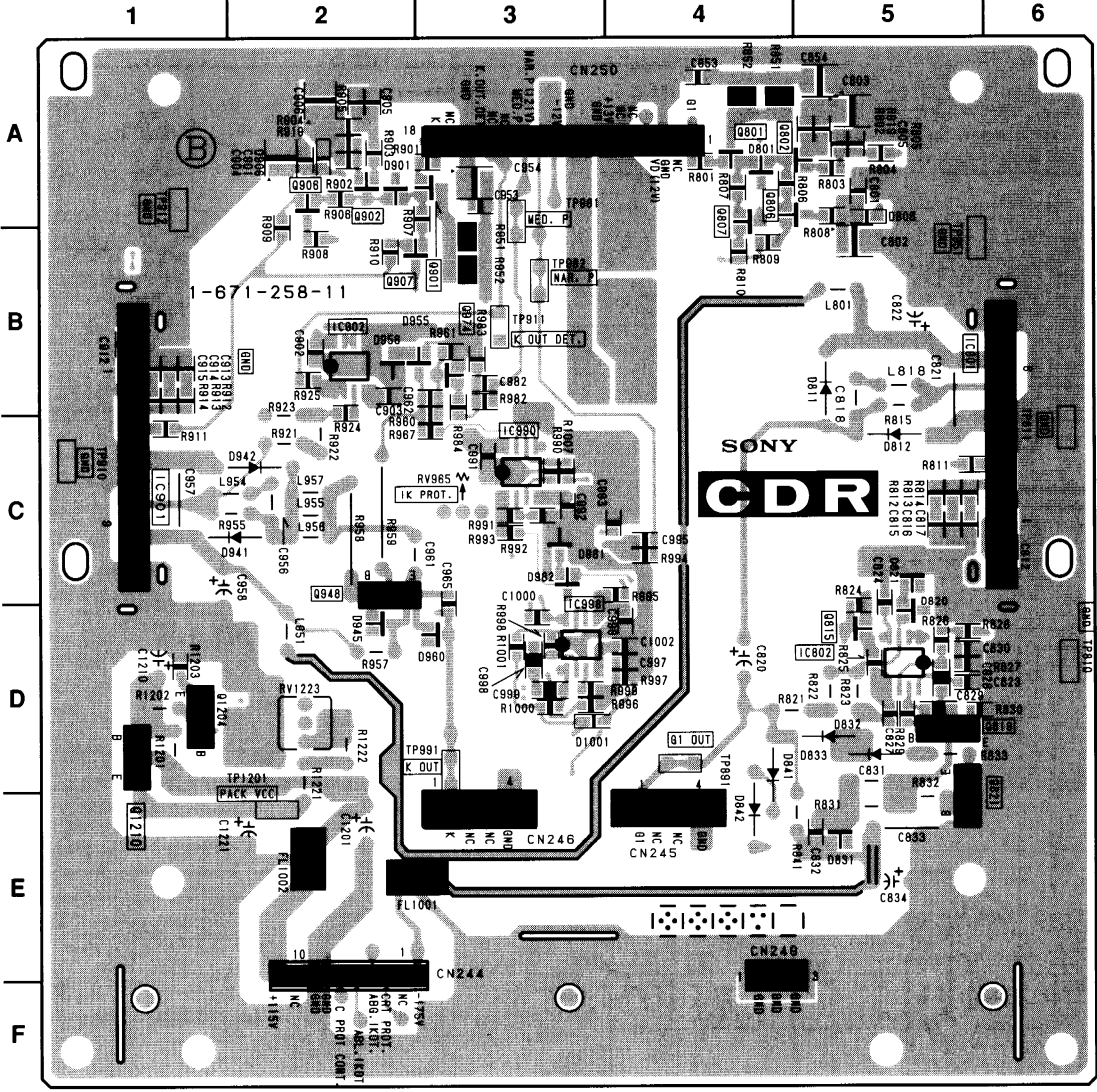
CDR BOARD (A SIDE)



- D811 B-2
D812 C-2
D832 D-2
D833 D-2
D841 D-2
D842 E-2
D851 B-3
D861 C-3
D941 C-5
D942 C-5
D961 D-4
D965 C-3
D1211 D-5
D1215 D-5
- IC801 C-1
IC851 B-3
IC861 C-3
IC901 B-5
IC961 D-4
IC971 D-3
IC981 C-3
IC1211 D-5
- Q819 D-1
Q821 E-1
Q948 D-4
Q961 D-3
Q1204 E-5
Q1210 E-6
- RV965 C-4
RV1223 D-5

CDR -A SIDE-
SUFFIX: -11

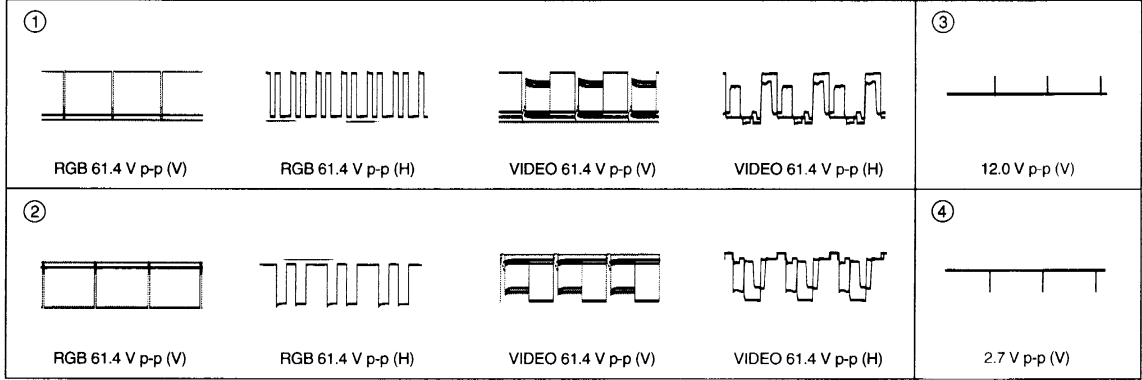
CDR BOARD (B SIDE)



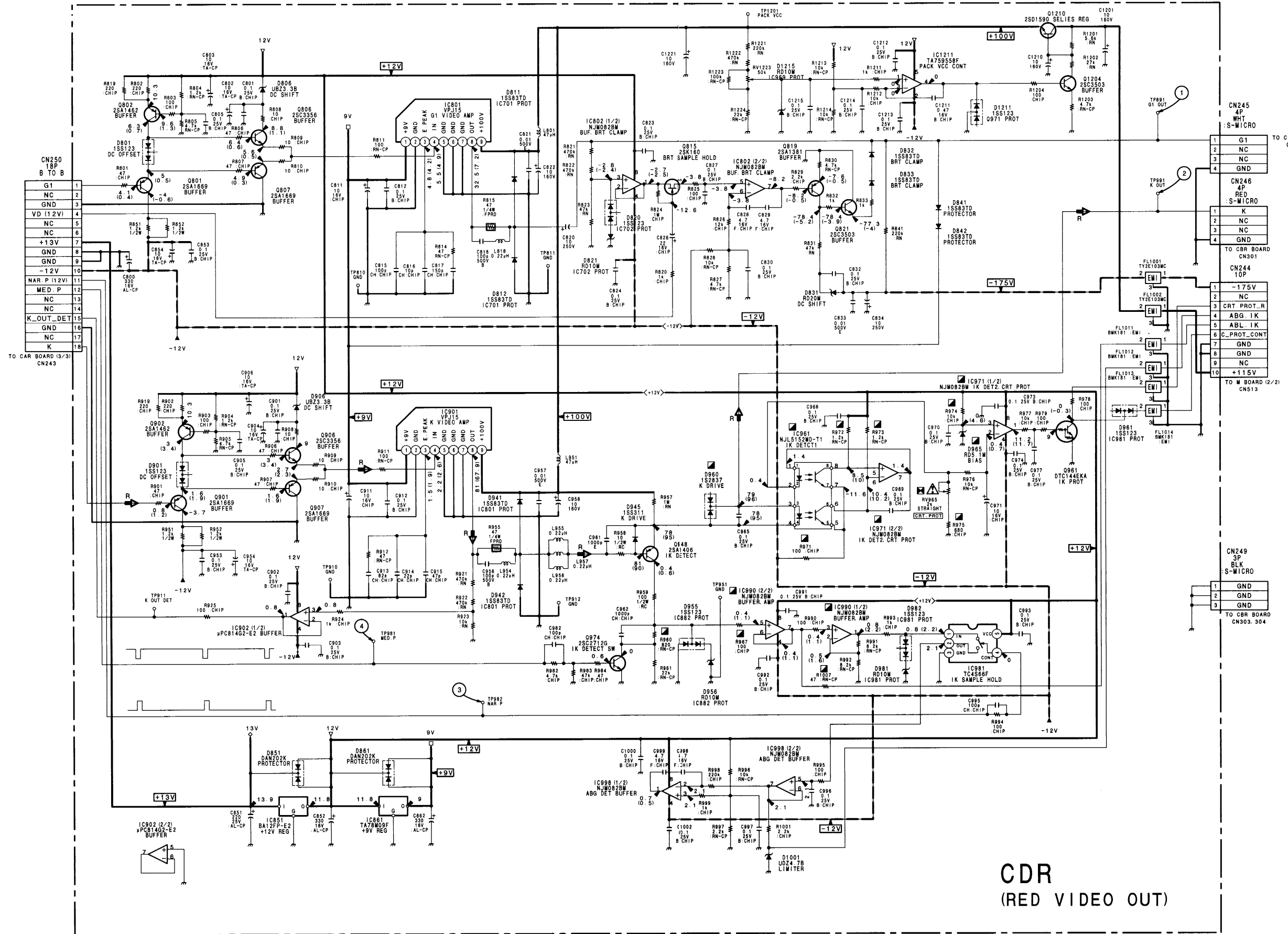
- D801 A-4
D806 A-5
D811 B-5
D812 C-5
D820 C-5
D821 C-5
D831 E-5
D832 D-5
D833 D-5
D841 D-4
D842 E-4
D901 A-2
D906 A-2
D941 C-2
D942 C-2
D945 D-2
D955 B-2
D956 B-2
D960 D-3
D981 C-3
D982 C-3
D1001 D-3
- IC801 B-5
IC802 D-5
IC901 C-1
IC902 B-2
IC990 C-3
IC998 C-3
- Q801 A-4
Q802 A-4
Q806 A-4
Q807 A-4
Q815 D-5
Q819 D-6
Q821 D-6
Q901 B-3
Q902 A-2
Q906 A-2
Q907 B-2
Q948 C-2
Q974 B-3
Q1204 D-1
Q1210 E-1
- RV965 C-3
RV1223 D-2
- TP810 D-6
TP811 C-6
TP891 D-4
TP910 C-1
TP911 B-3
TP912 A-1
TP951 B-5
TP981 A-3
TP982 B-3
TP991 D-3
TP1201 D-2

CDR -B SIDE-
SUFFIX: -11

CDR BOARD WAVEFORMS

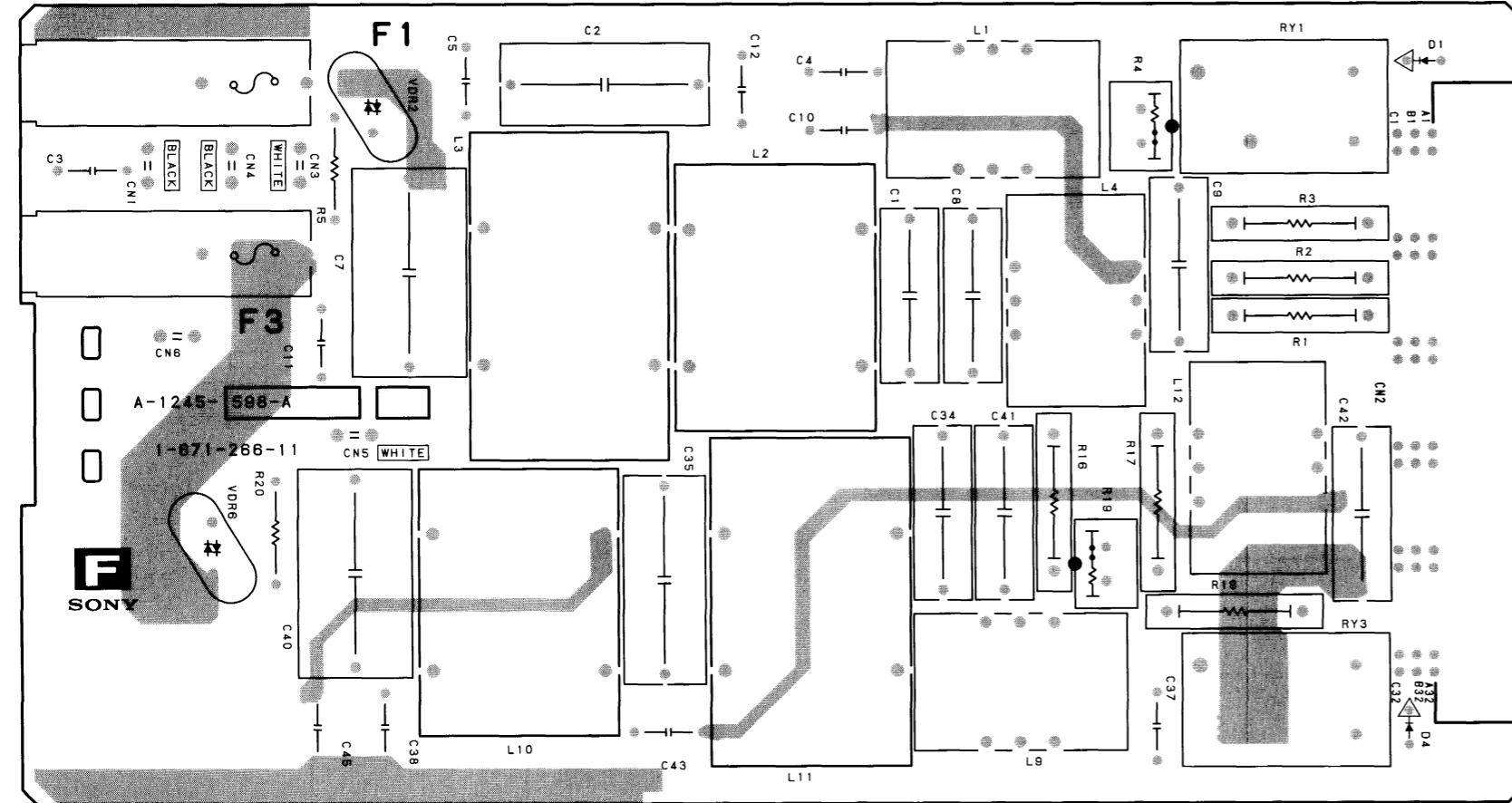


CDR BOARD

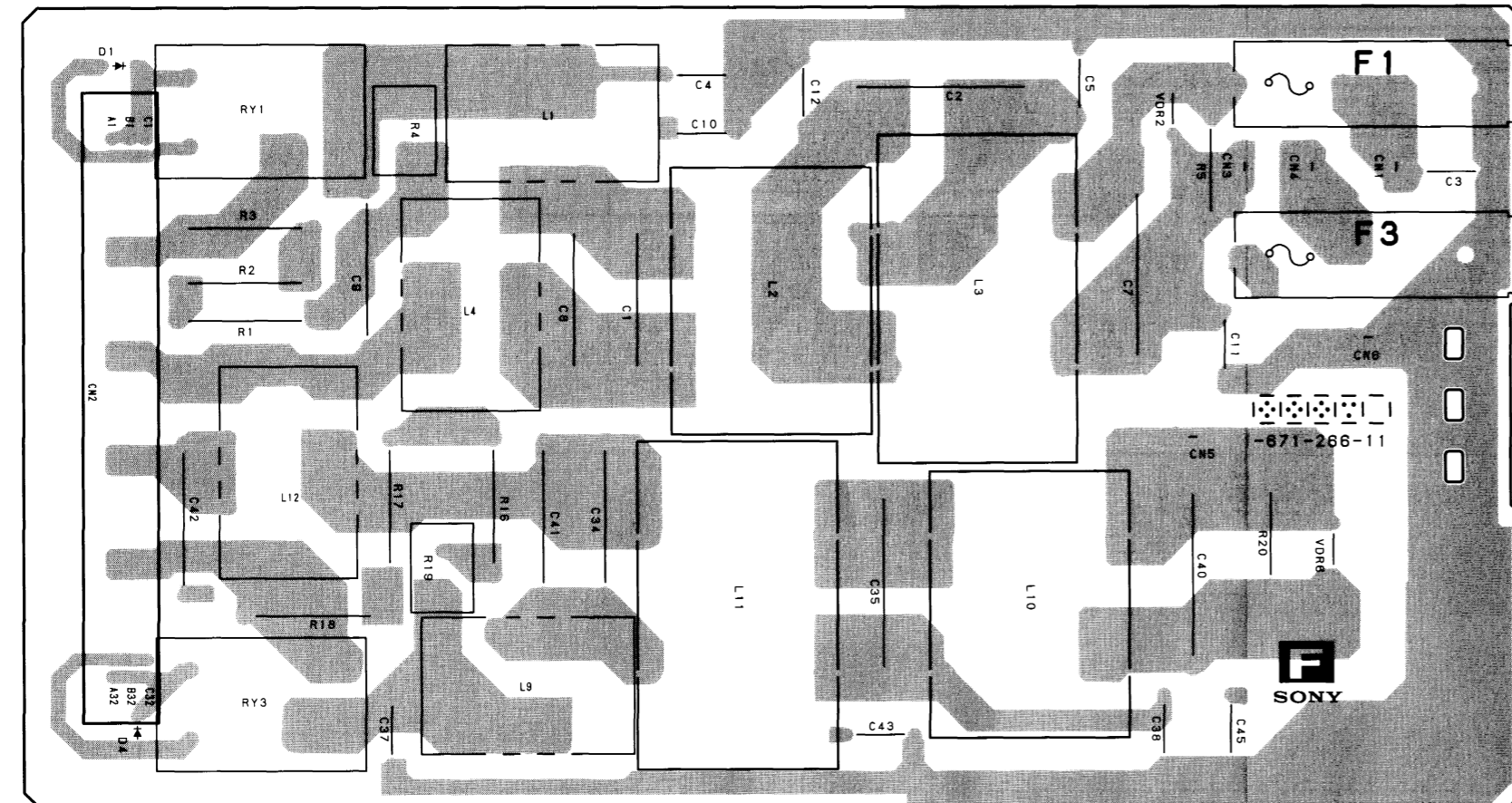


CDR
(RED VIDEO OUT)

F BOARD

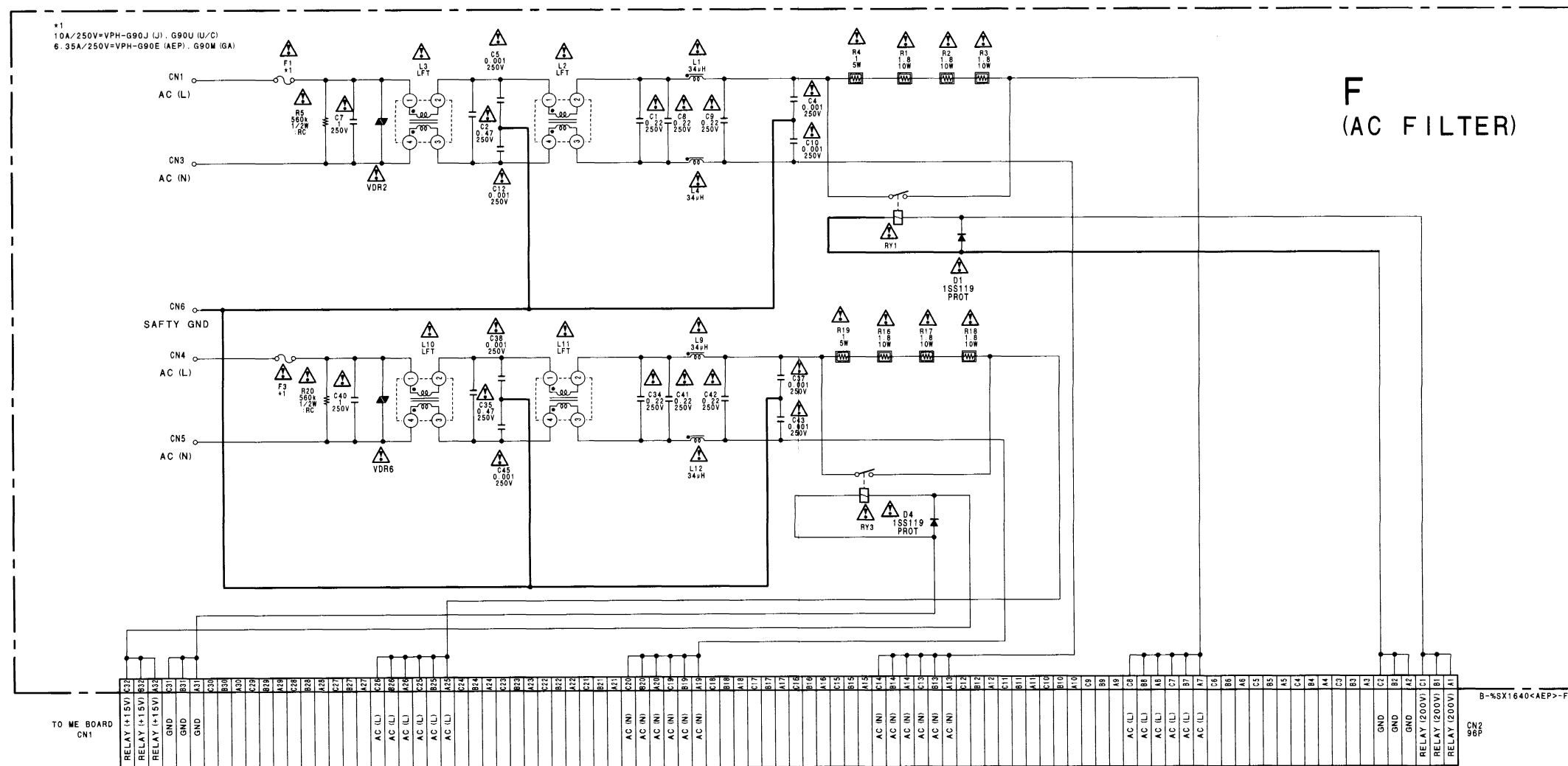


F -A SIDE-
SUFFIX: -11

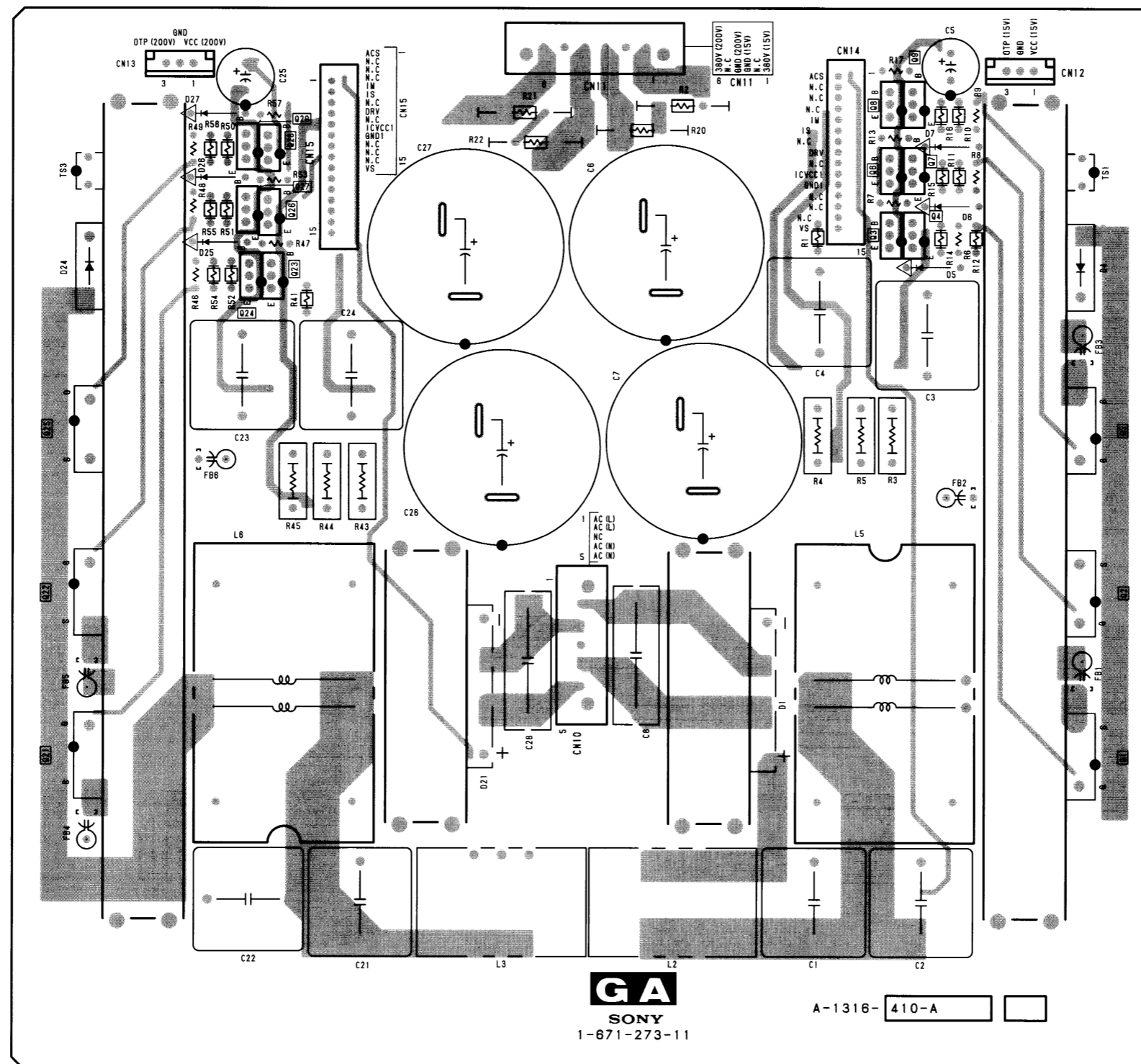


F -B SIDE-
SUFFIX: -11

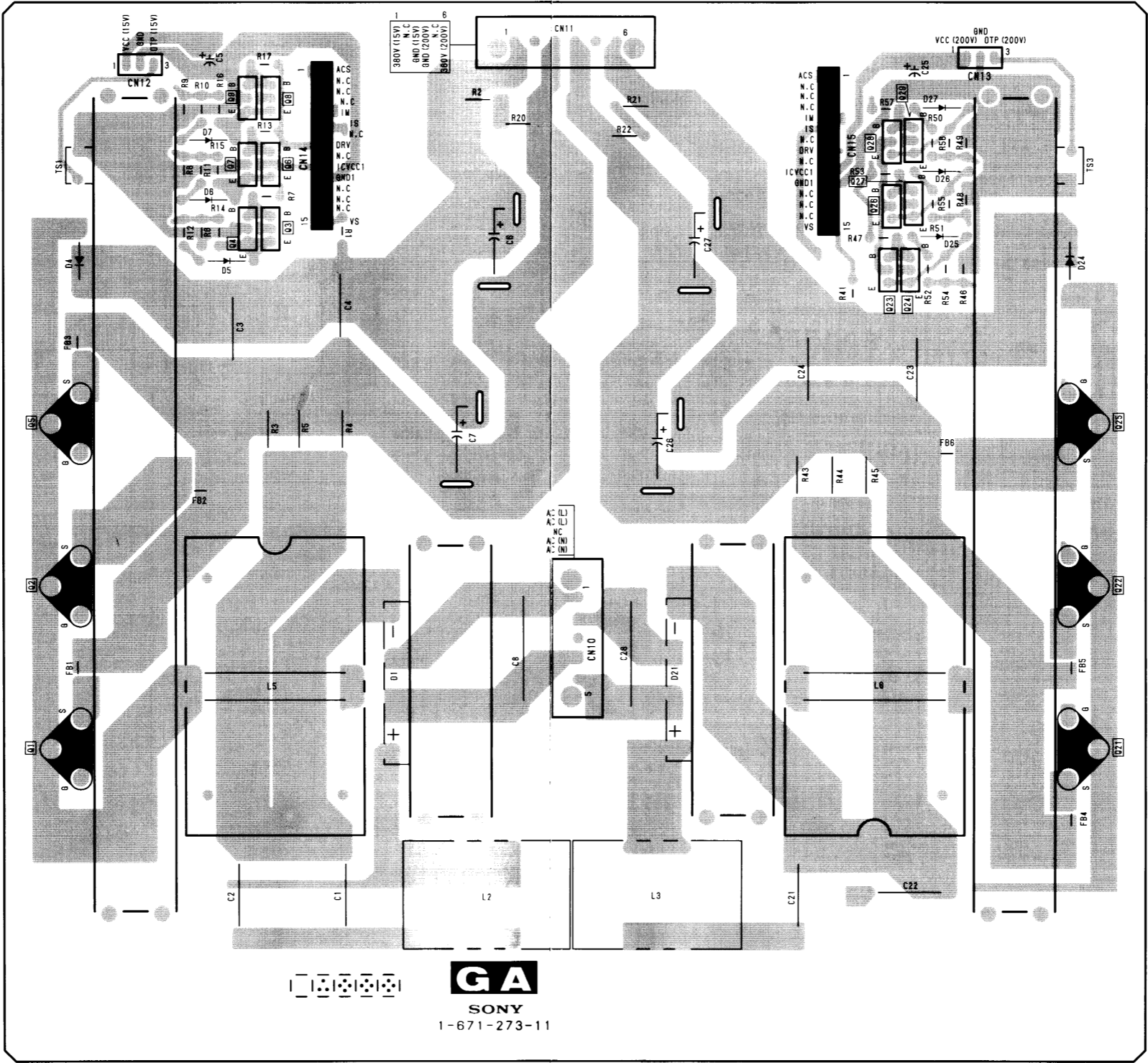
F BOARD



GA BOARD

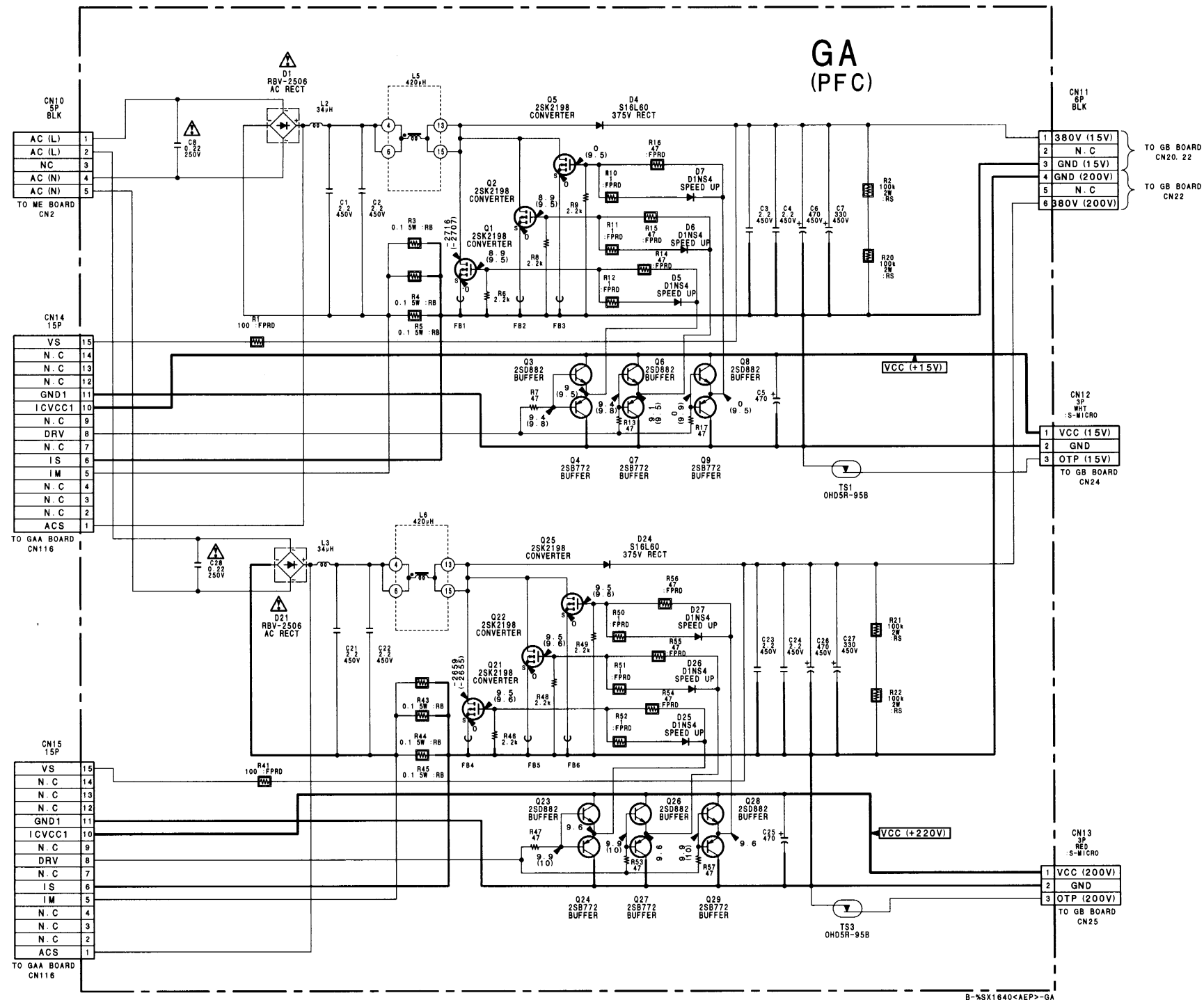


GA -A SIDE-
SUFFIX: -11

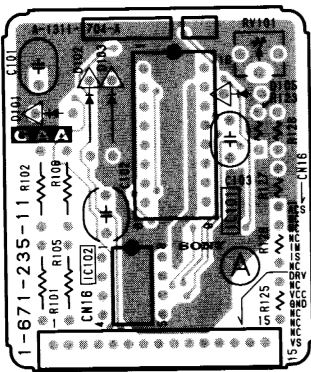


GA -B SIDE-
SUFFIX: -11

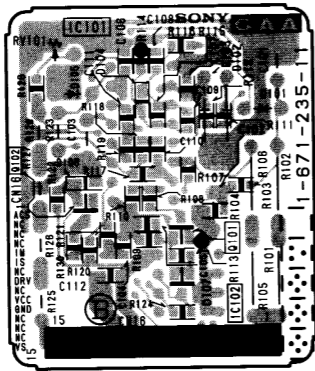
GA BOARD



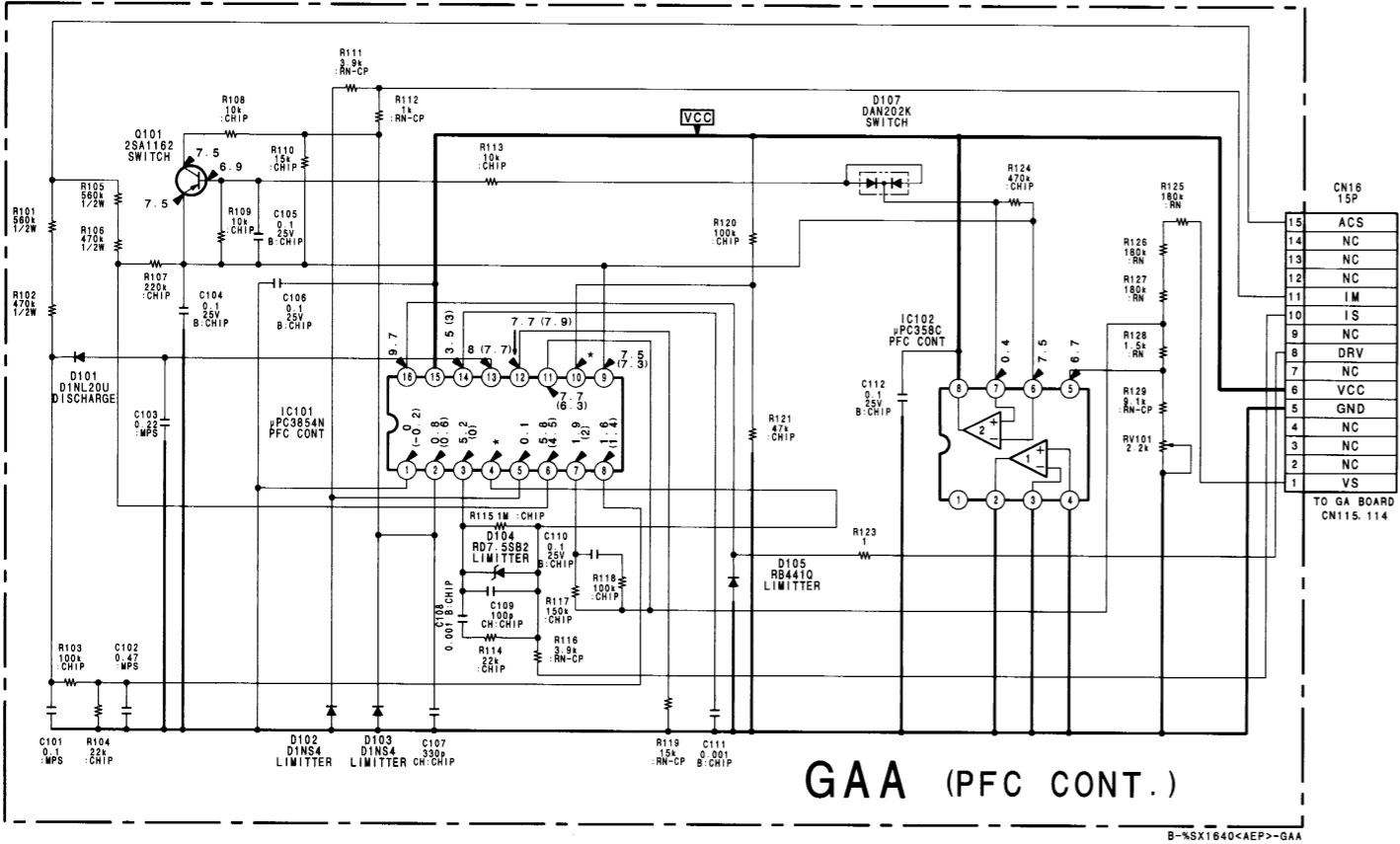
GAA BOARD



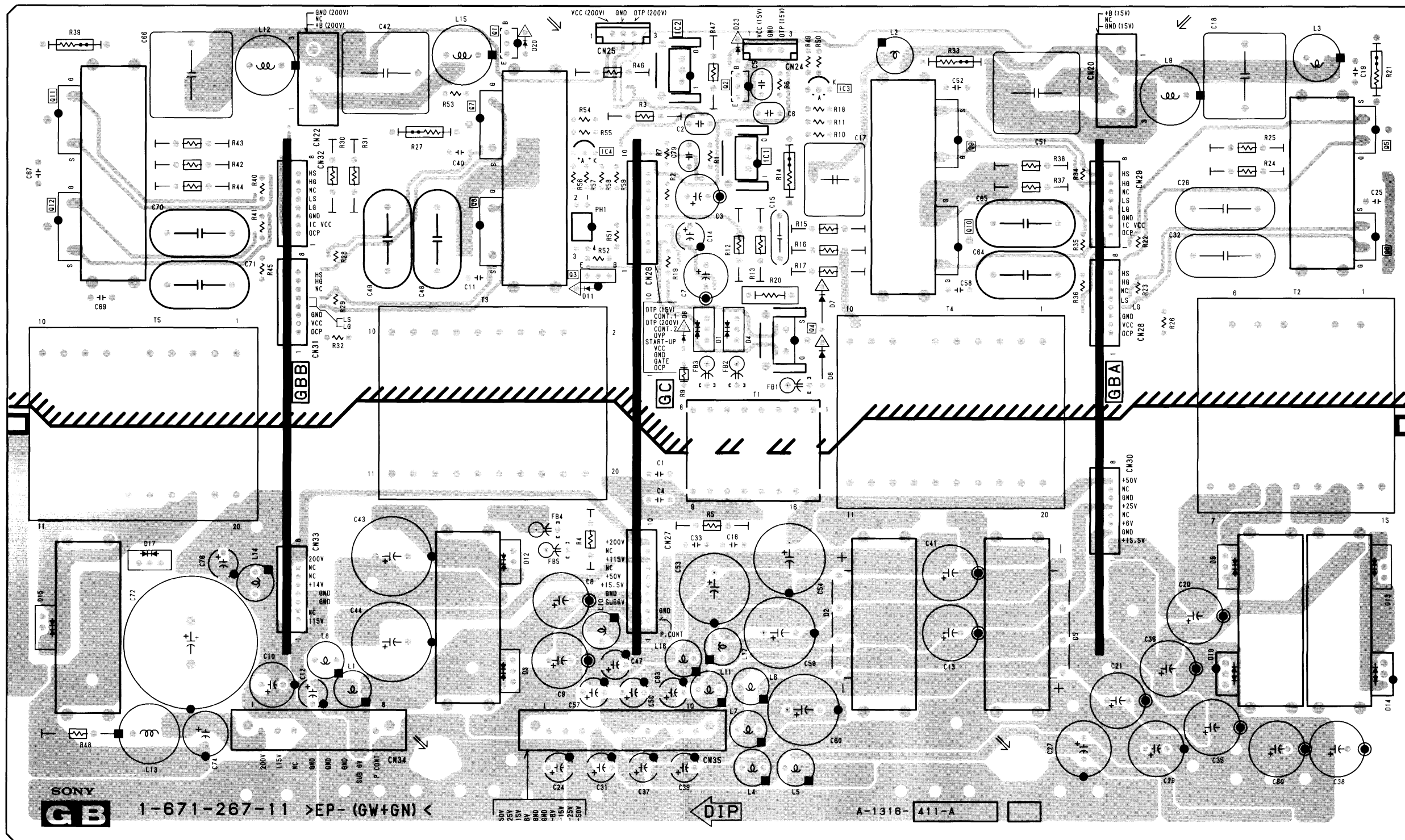
GAA -A SIDE-
SUFFIX: -11



GAA -B SIDE-
SUFFIX: -11

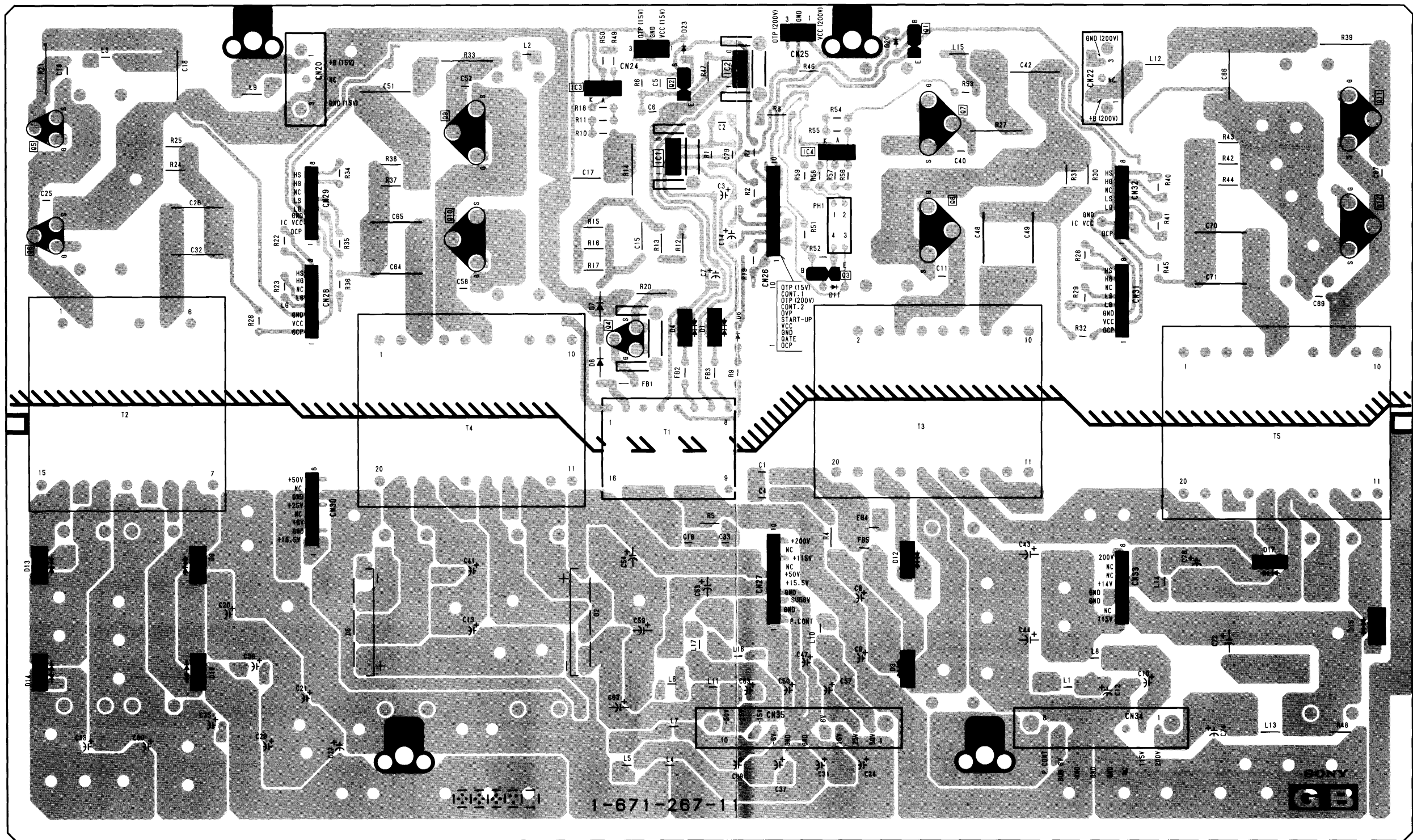


GB BOARD



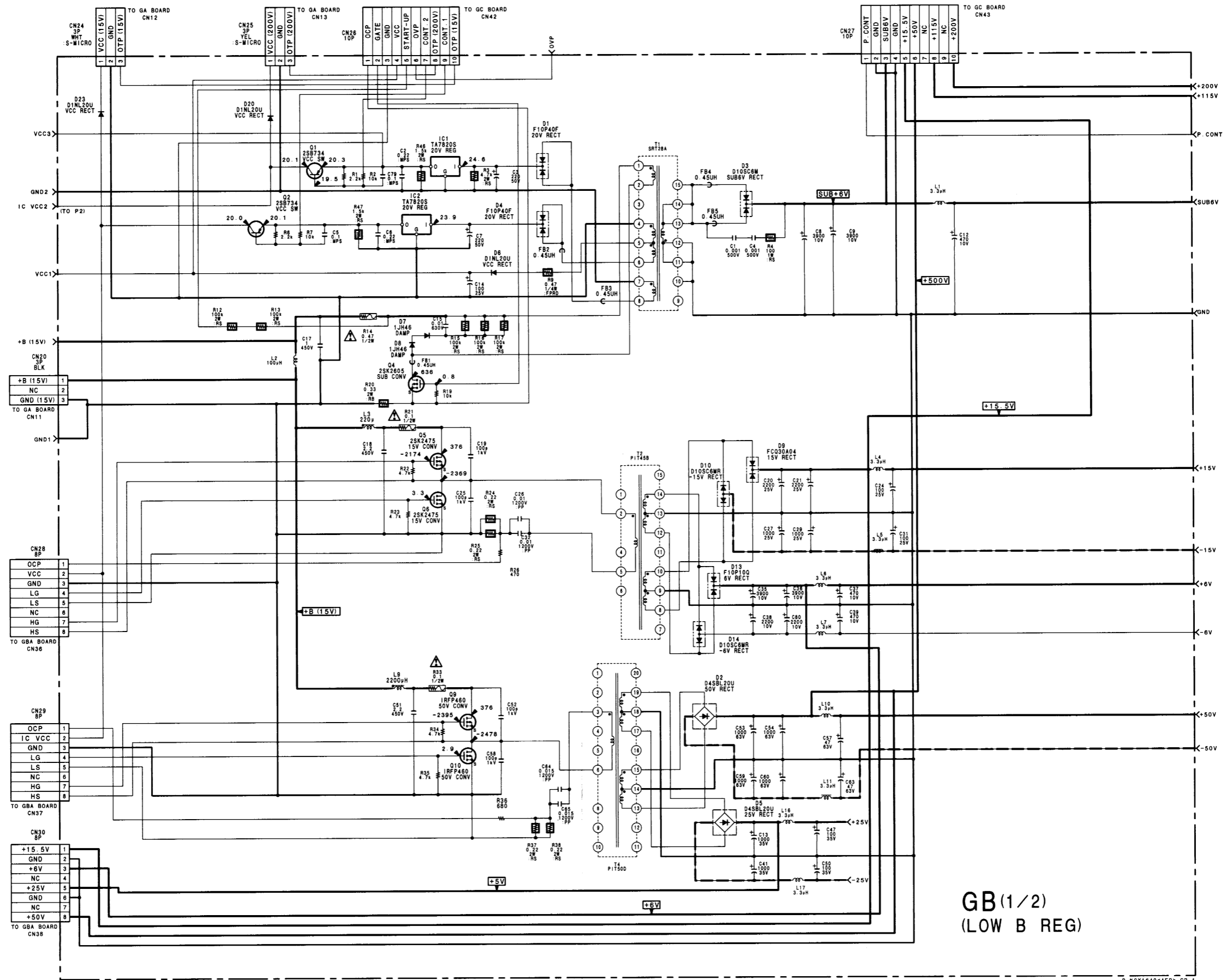
GB -A SIDE-
SUFFIX: -11

GB BOARD

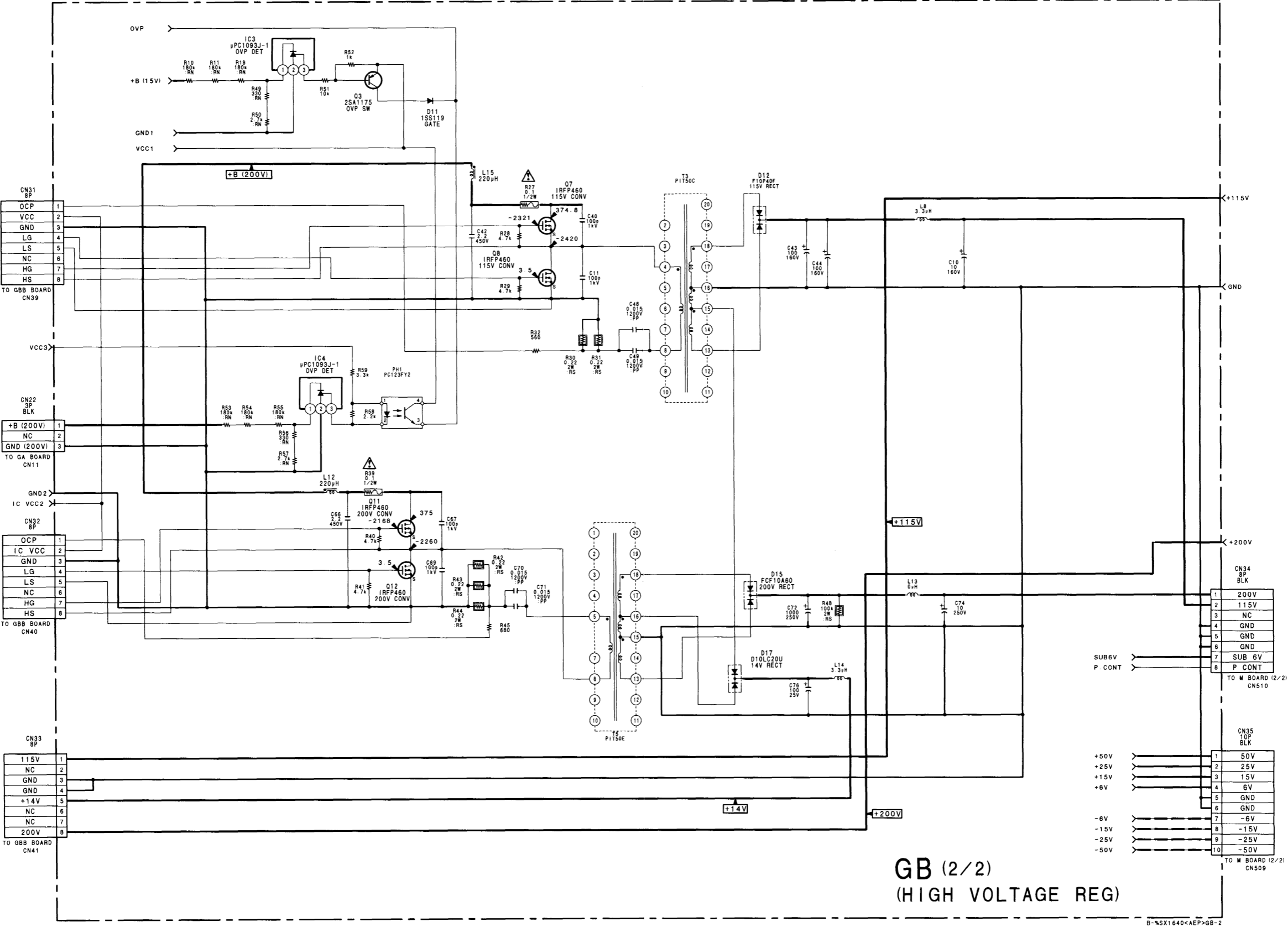


GB -B SIDE-
SUFFIX: -11

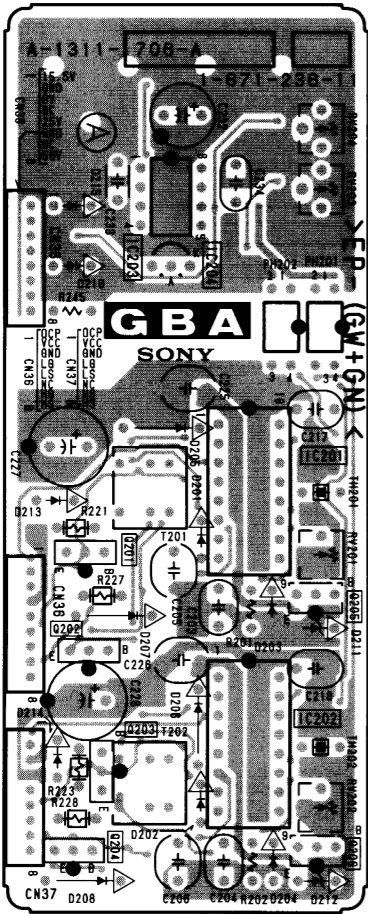
GB (1/2) BOARD



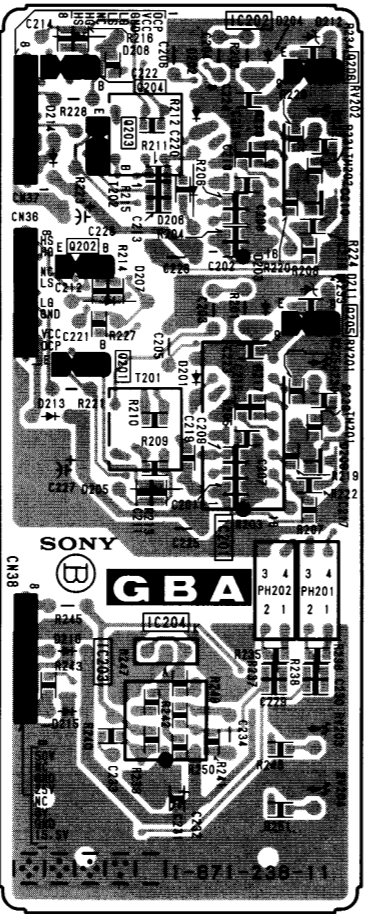
GB (2/2) BOARD



GBA BOARD

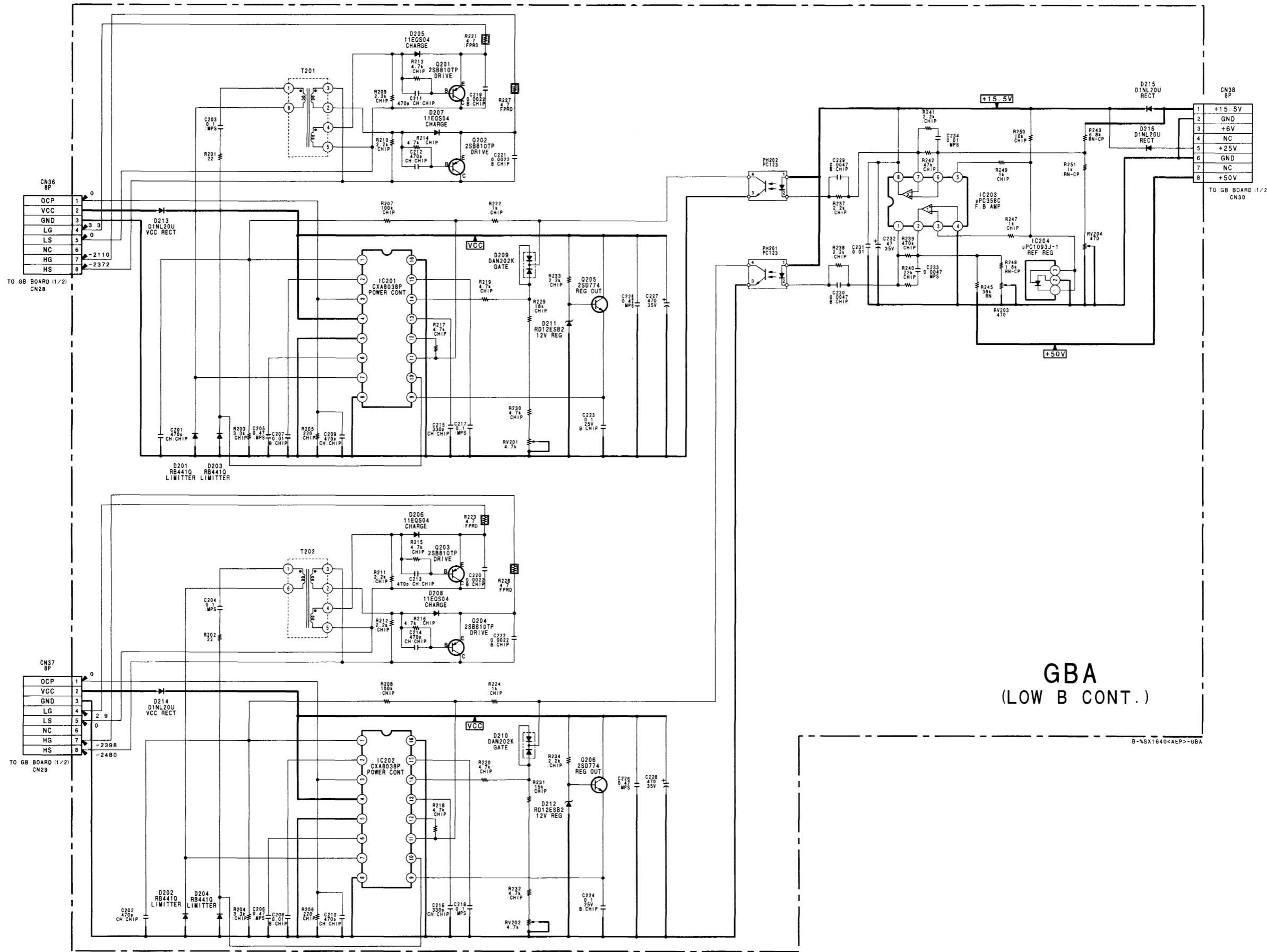


GBA -A SIDE-
SUFFIX: -11



GBA -B SIDE-
SUFFIX: -11

GBA BOARD



GBB BOARD

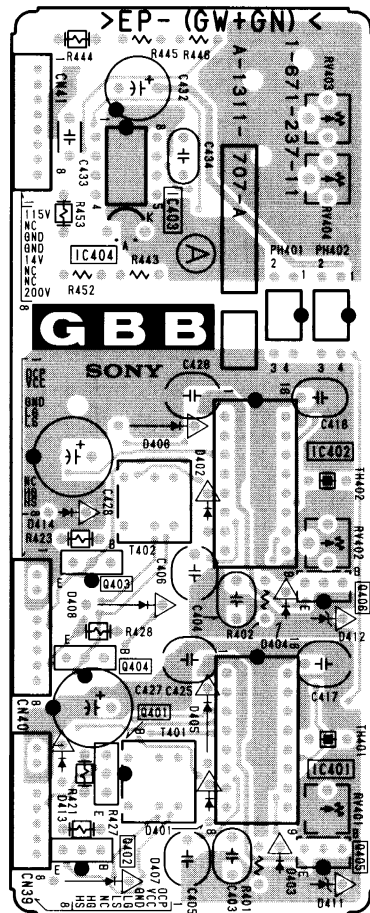
1

2

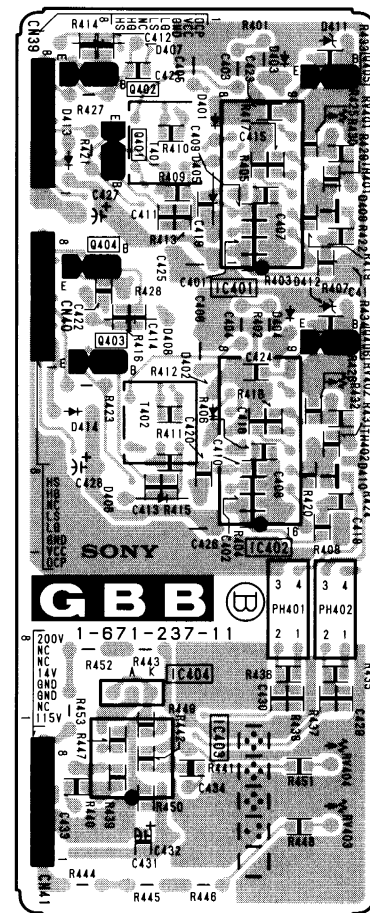
3

4

5

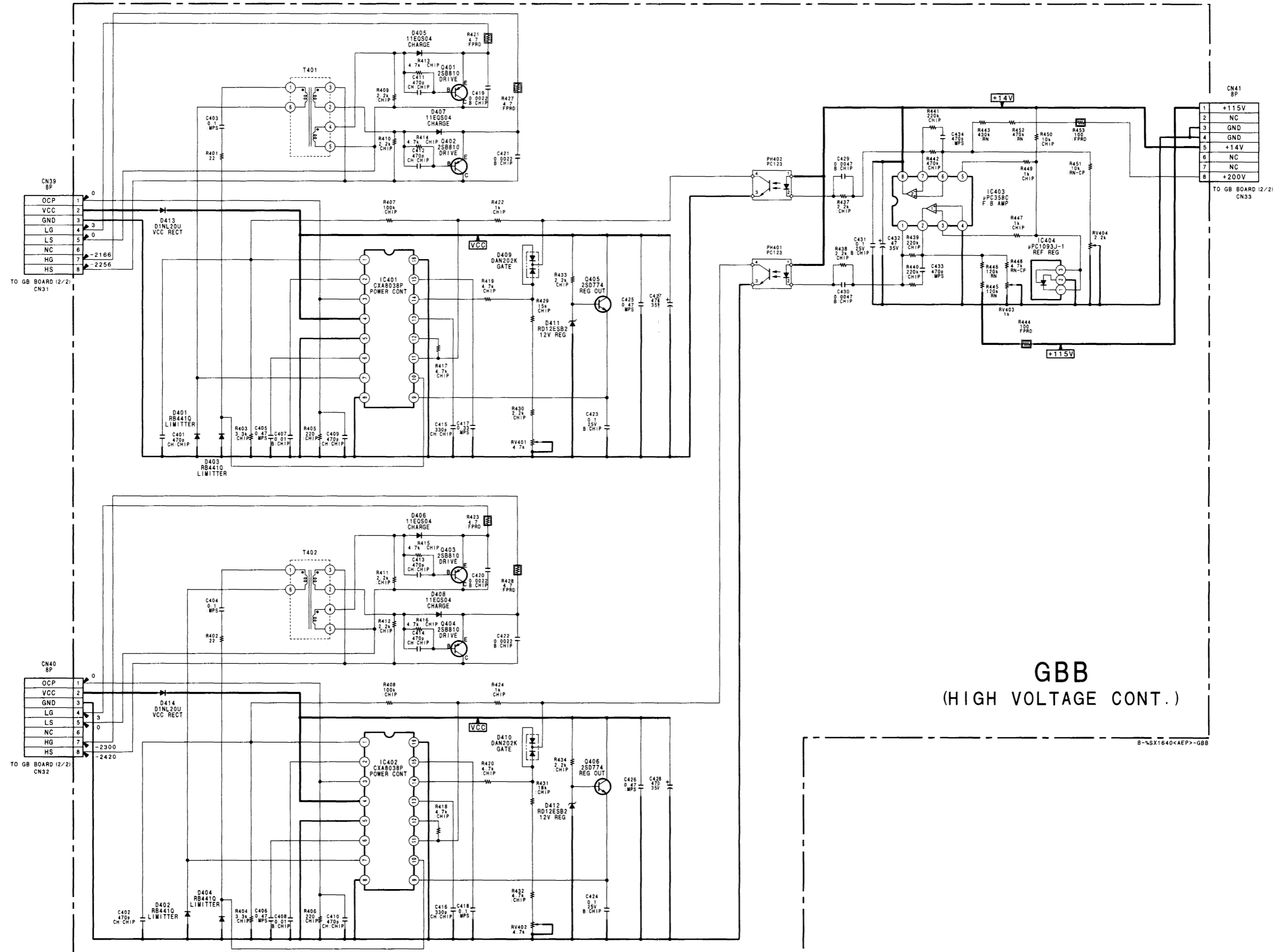


GBB -A SIDE-
SUFFIX: -11



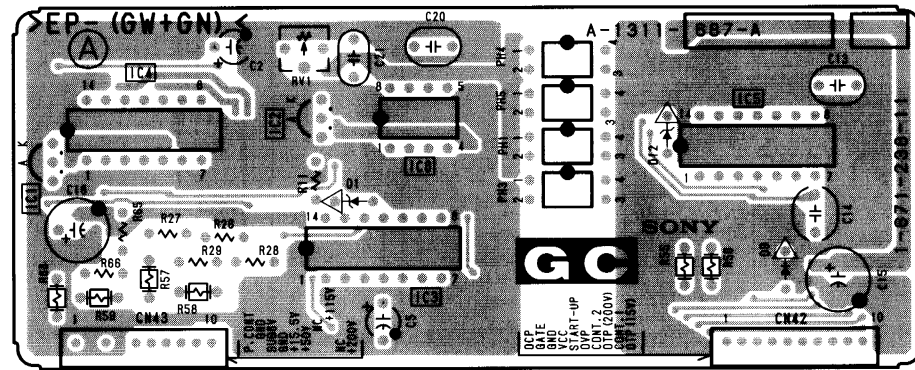
GBB -B SIDE-
SUFFIX: -11

GBB BOARD



GC BOARD

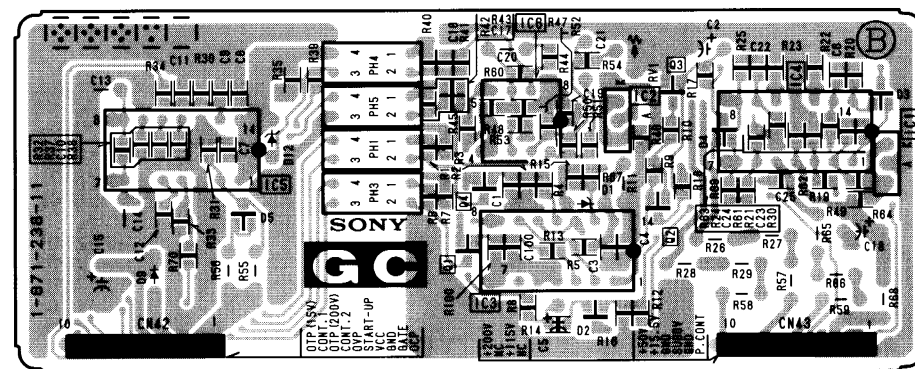
1



GC -A SIDE-
SUFFIX: -11

2

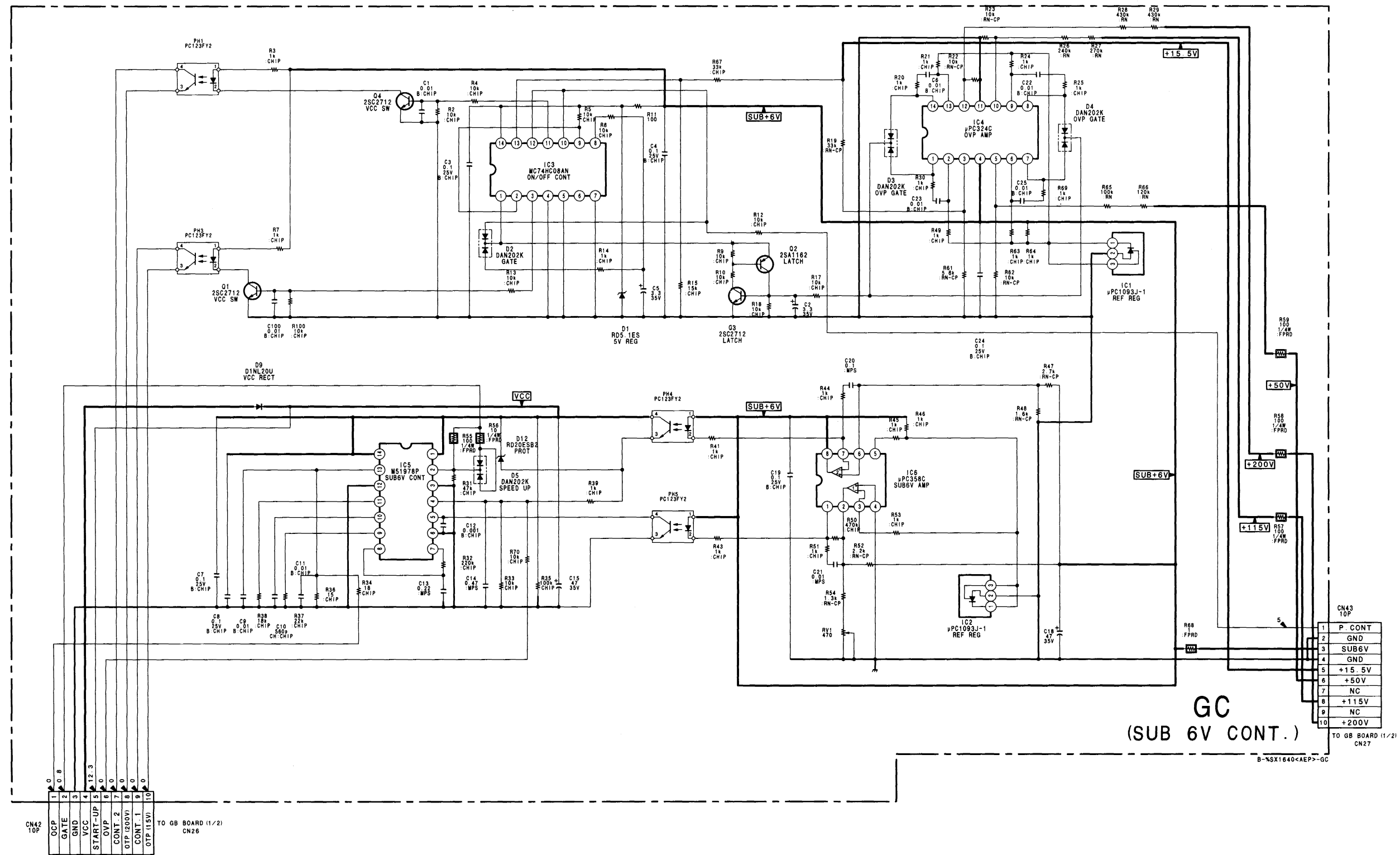
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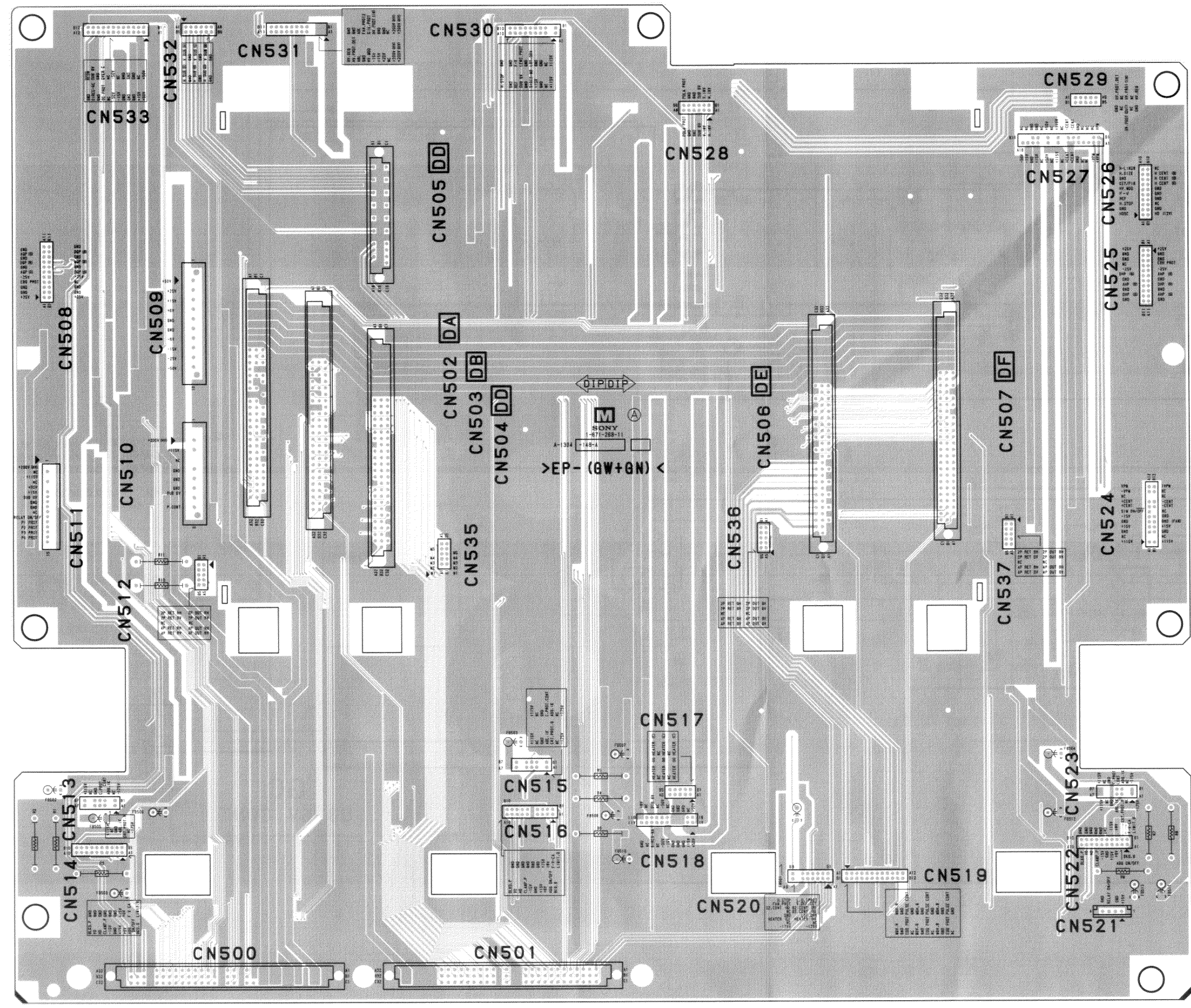
GC -B SIDE-
SUFFIX: -11

4

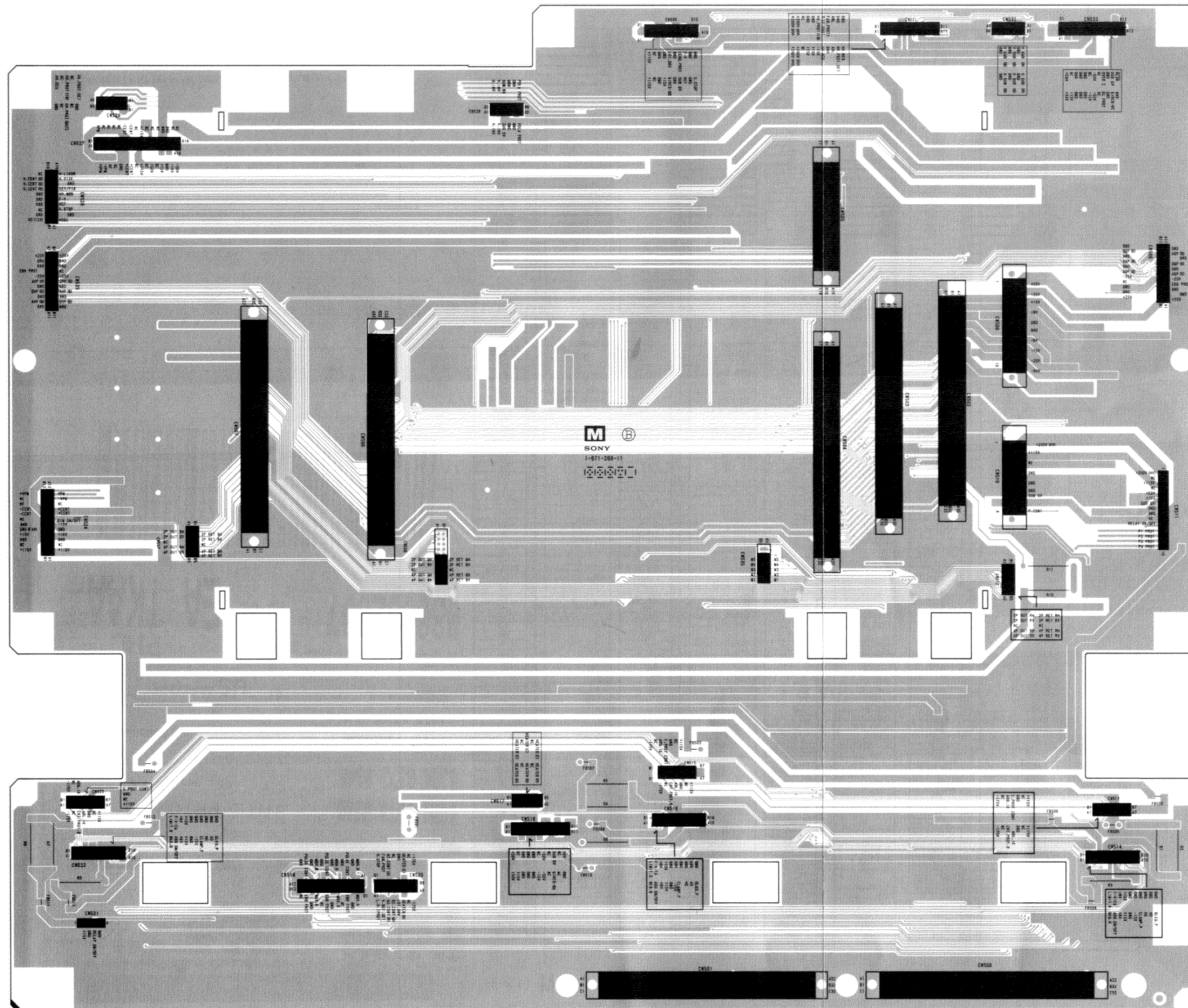
5



M BOARD



M -A SIDE-
SUFFIX: -11



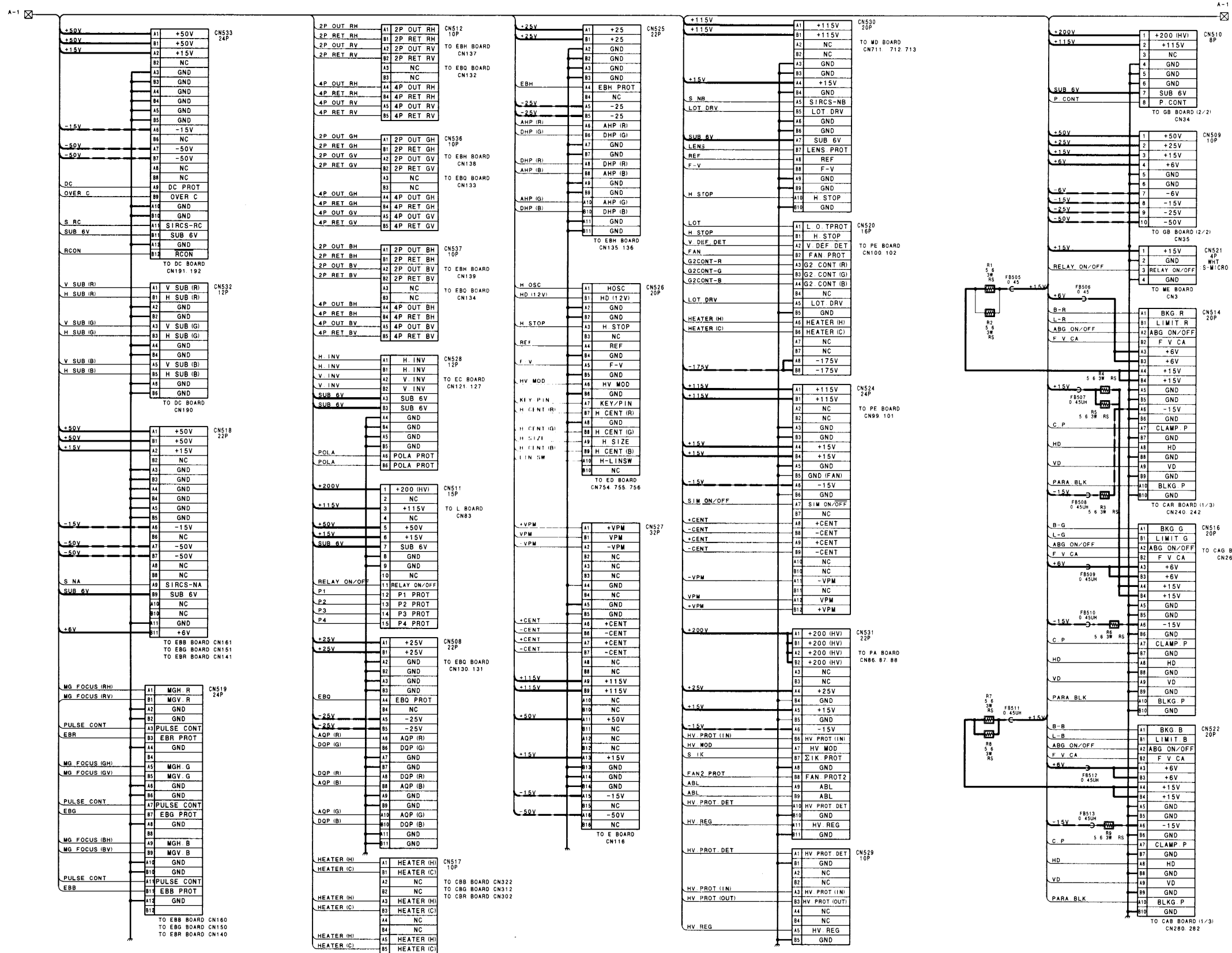
M -B SIDE-
SUFFIX: -11

M (1/3) BOARD

CN507 96P TO DB BOARD (3/3) CN230		CN506 96P TO DE BOARD (2/2) CN220		CN504 96P TO DO BOARD (1/3) CN210		CN503 96P TO DB BOARD CN180		CN502 96P TO DA BOARD (2/3) CN170	
+15V	B32	+15V	B32	+15V	A11	+15V	A11	+15V	A11
+15V	B32	+15V	B32	+15V	B11	+15V	B11	+15V	B11
+6V	B31	+6V	B31	+6V	C11	+6V	C11	+6V	C11
+6V	B31	+6V	B31	+6V	A2	+6V	A2	+6V	A2
+6V	B31	+6V	B31	+6V	B2	+6V	B2	+6V	B2
GND	B30	GND	B30	GND	C2	+6V	C2	+6V	C2
GND	B30	GND	B30	GND	A3	GND	A3	GND	A3
GND	B30	GND	B30	GND	B3	GND	B3	GND	B3
GND	B30	GND	B30	GND	C3	GND	C3	GND	C3
GND	B30	GND	B30	GND	A4	GND	A4	GND	A4
GND	B30	GND	B30	GND	B4	GND	B4	GND	B4
GND	B30	GND	B30	GND	C4	GND	C4	GND	C4
-6V	B28	-6V	B28	-6V	A5	-6V	A5	-6V	A5
-6V	B28	-6V	B28	-6V	B5	-6V	B5	-6V	B5
-6V	B28	-6V	B28	-6V	C5	-6V	C5	-6V	C5
-15V	B27	-15V	B27	-15V	A6	-15V	A6	-15V	A6
-15V	B27	-15V	B27	-15V	B6	-15V	B6	-15V	B6
-15V	B27	-15V	B27	-15V	C6	-15V	C6	-15V	C6
SUB 6V	B26	SUB 6V	B26	SUB 6V	A7	SUB 6V	A7	SUB 6V	A7
SUB 6V	B26	SUB 6V	B26	SUB 6V	B7	SUB 6V	B7	SUB 6V	B7
SUB 6V	B26	SUB 6V	B26	SUB 6V	C7	SUB 6V	C7	SUB 6V	C7
GND	B25	GND	B25	GND	A8	GND	A8	GND	A8
GND	B25	GND	B25	GND	B8	GND	B8	GND	B8
GND	B25	GND	B25	GND	C8	GND	C8	GND	C8
2P OUT GV	B24	2P OUT GV	B24	2P OUT GV	A9	2P OUT GV	A9	2P OUT GV	A9
D-RESET	B24	D-RESET	B24	D-RESET	B9	D-RESET	B9	D-RESET	B9
2P OUT GH	B24	2P OUT GH	B24	2P OUT GH	C9	2P OUT GH	C9	2P OUT GH	C9
D-SCL	B23	D-SCL	B23	D-SCL	A10	D-SCL	A10	D-SCL	A10
V INV	B23	V INV	B23	V INV	B10	V INV	B10	V INV	B10
2P RET GH	B22	2P RET GH	B22	2P RET GH	C10	2P RET GH	C10	2P RET GH	C10
D-LD 0	B22	D-LD 0	B22	D-LD 0	A11	D-LD 0	A11	D-LD 0	A11
V TRIGGER	B22	V TRIGGER	B22	V TRIGGER	B11	V TRIGGER	B11	V TRIGGER	B11
2P RET GV	B21	2P RET GV	B21	2P RET GV	C11	2P RET GV	C11	2P RET GV	C11
D-LD 1	B21	D-LD 1	B21	D-LD 1	A12	D-LD 1	A12	D-LD 1	A12
GND	B21	GND	B21	GND	B12	GND	B12	GND	B12
4P OUT GV	B20	4P OUT GV	B20	4P OUT GV	C12	4P OUT GV	C12	4P OUT GV	C12
D-LD 2	B20	D-LD 2	B20	D-LD 2	A13	D-LD 2	A13	D-LD 2	A13
V SIZE COARSE	B20	V SIZE COARSE	B20	V SIZE COARSE	B13	V SIZE COARSE	B13	V SIZE COARSE	B13
4P OUT GH	B19	4P OUT GH	B19	4P OUT GH	C13	4P OUT GH	C13	4P OUT GH	C13
D-LD 3	B19	D-LD 3	B19	D-LD 3	A14	D-LD 3	A14	D-LD 3	A14
V SIZE FINE	B19	V SIZE FINE	B19	V SIZE FINE	B14	V SIZE FINE	B14	V SIZE FINE	B14
4P RET GH	B18	4P RET GH	B18	4P RET GH	C14	4P RET GH	C14	4P RET GH	C14
D-SDA 0	B18	D-SDA 0	B18	D-SDA 0	A15	D-SDA 0	A15	D-SDA 0	A15
GND	B18	GND	B18	GND	B15	GND	B15	GND	B15
4P RET GV	B17	4P RET GV	B17	4P RET GV	C15	4P RET GV	C15	4P RET GV	C15
D-SDA 1	B17	D-SDA 1	B17	D-SDA 1	A16	D-SDA 1	A16	D-SDA 1	A16
VD	B17	VD	B17	VD	B16	VD	B16	VD	B16
D-SDA 2	B16	D-SDA 2	B16	D-SDA 2	C16	D-SDA 2	C16	D-SDA 2	C16
SP1	B16	SP1	B16	SP1	A17	SP1	A17	SP1	A17
SP2	B15	SP2	B15	SP2	B17	SP2	B17	SP2	B17
SP4	B14	SP4	B14	SP4	C17	SP4	C17	SP4	C17
2P OUT BV	B13	2P OUT BV	B13	2P OUT BV	A18	2P OUT BV	A18	2P OUT BV	A18
2P OUT RV	B13	2P OUT RV	B13	2P OUT RV	B18	2P OUT RV	B18	2P OUT RV	B18
2P OUT BH	B12	2P OUT BH	B12	2P OUT BH	C18	2P OUT BH	C18	2P OUT BH	C18
2P OUT RH	B12	2P OUT RH	B12	2P OUT RH	A19	2P OUT RH	A19	2P OUT RH	A19
2P RET BH	B11	2P RET BH	B11	2P RET BH	B19	2P RET BH	B19	2P RET BH	B19
2P RET RH	B11	2P RET RH	B11	2P RET RH	C19	2P RET RH	C19	2P RET RH	C19
2P RET BV	B10	2P RET BV	B10	2P RET BV	A20	2P RET BV	A20	2P RET BV	A20
2P RET RV	B10	2P RET RV	B10	2P RET RV	B20	2P RET RV	B20	2P RET RV	B20
4P OUT BV	B9	4P OUT BV	B9	4P OUT BV	C20	4P OUT BV	C20	4P OUT BV	C20
4P OUT RV	B8	4P OUT RV	B8	4P OUT RV	A21	4P OUT RV	A21	4P OUT RV	A21
4P OUT BH	B8	4P OUT BH	B8	4P OUT BH	B21	4P OUT BH	B21	4P OUT BH	B21
4P OUT RH	B7	4P OUT RH	B7	4P OUT RH	C21	4P OUT RH	C21	4P OUT RH	C21
4P RET BH	B7	4P RET BH	B7	4P RET BH	A22	4P RET BH	A22	4P RET BH	A22
4P RET RH	B6	4P RET RH	B6	4P RET RH	B22	4P RET RH	B22	4P RET RH	B22
4P RET BV	B5	4P RET BV	B5	4P RET BV	C22	4P RET BV	C22	4P RET BV	C22
4P RET RV	B5	4P RET RV	B5	4P RET RV	A23	4P RET RV	A23	4P RET RV	A23
AS 6POLE OUT (BV)	B4	AS 6POLE OUT (BV)	B4	AS 6POLE OUT (BV)	B23	AS 6POLE OUT (BV)	B23	AS 6POLE OUT (BV)	B23
AS 6POLE OUT (RV)	B4	AS 6POLE OUT (RV)	B4	AS 6POLE OUT (RV)	C23	AS 6POLE OUT (RV)	C23	AS 6POLE OUT (RV)	C23
AS 6POLE OUT (BH)	B3	AS 6POLE OUT (BH)	B3	AS 6POLE OUT (BH)	A24	AS 6POLE OUT (BH)	A24	AS 6POLE OUT (BH)	A24
AS 6POLE OUT (RH)	B3	AS 6POLE OUT (RH)	B3	AS 6POLE OUT (RH)	B24	AS 6POLE OUT (RH)	B24	AS 6POLE OUT (RH)	B24
SP7	B2	SP7	B2	SP7	C24	SP7	C24	SP7	C24
SP8	B1	SP8	B1	SP8	A25	SP8	A25	SP8	A25
V DEF DET	B1	V DEF DET	B1	V DEF DET	B25	V DEF DET	B25	V DEF DET	B25
V STOP	A1	V STOP	A1	V STOP	C25	V STOP	C25	V STOP	C25

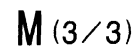
M (1/3)

M (2/3) BOARD

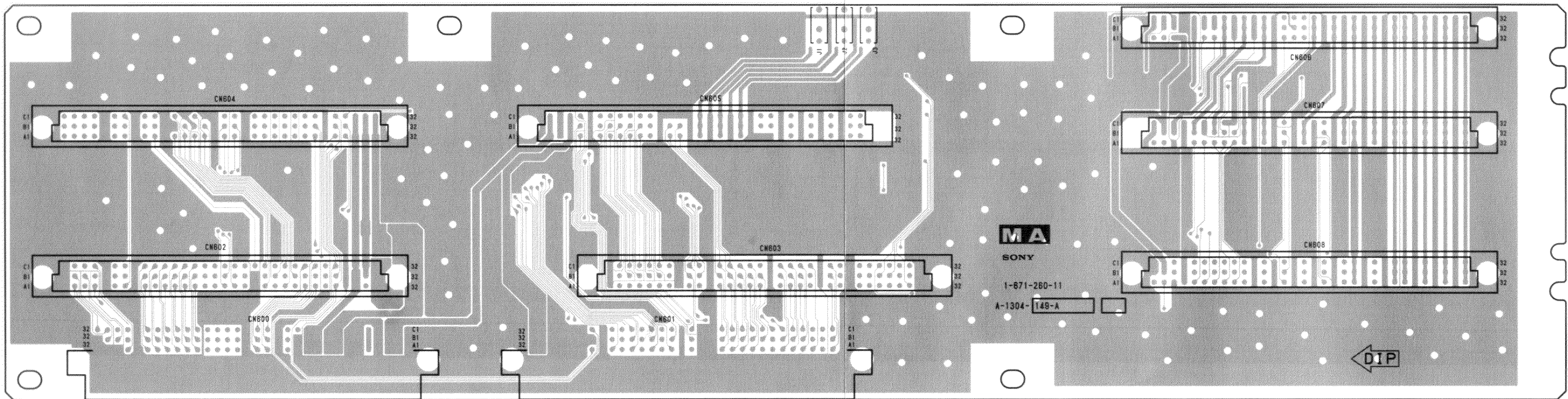


M (2/3)

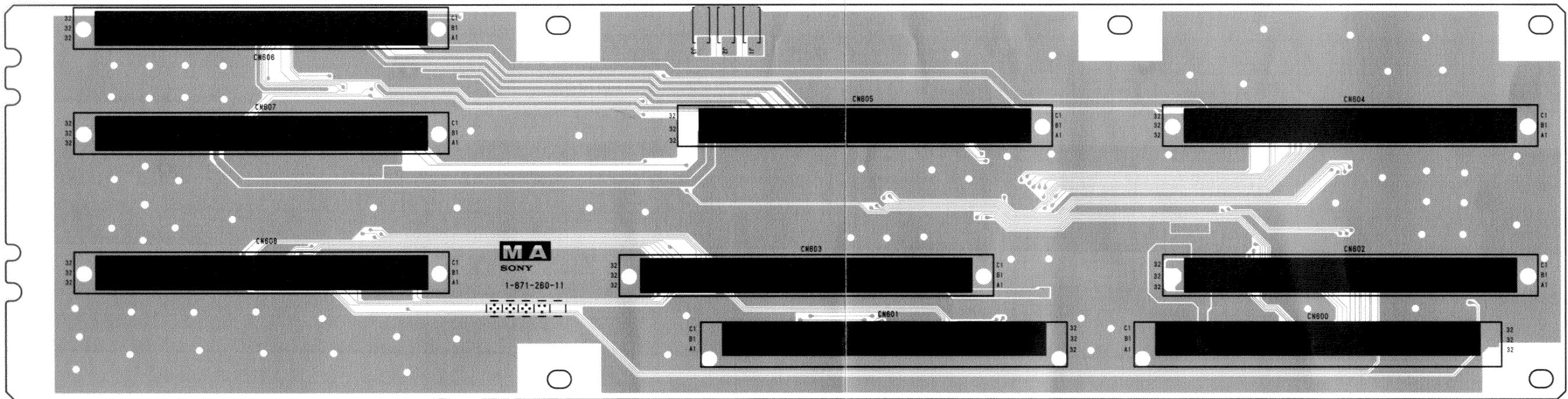
M (3/3) BOARD



MA BOARD



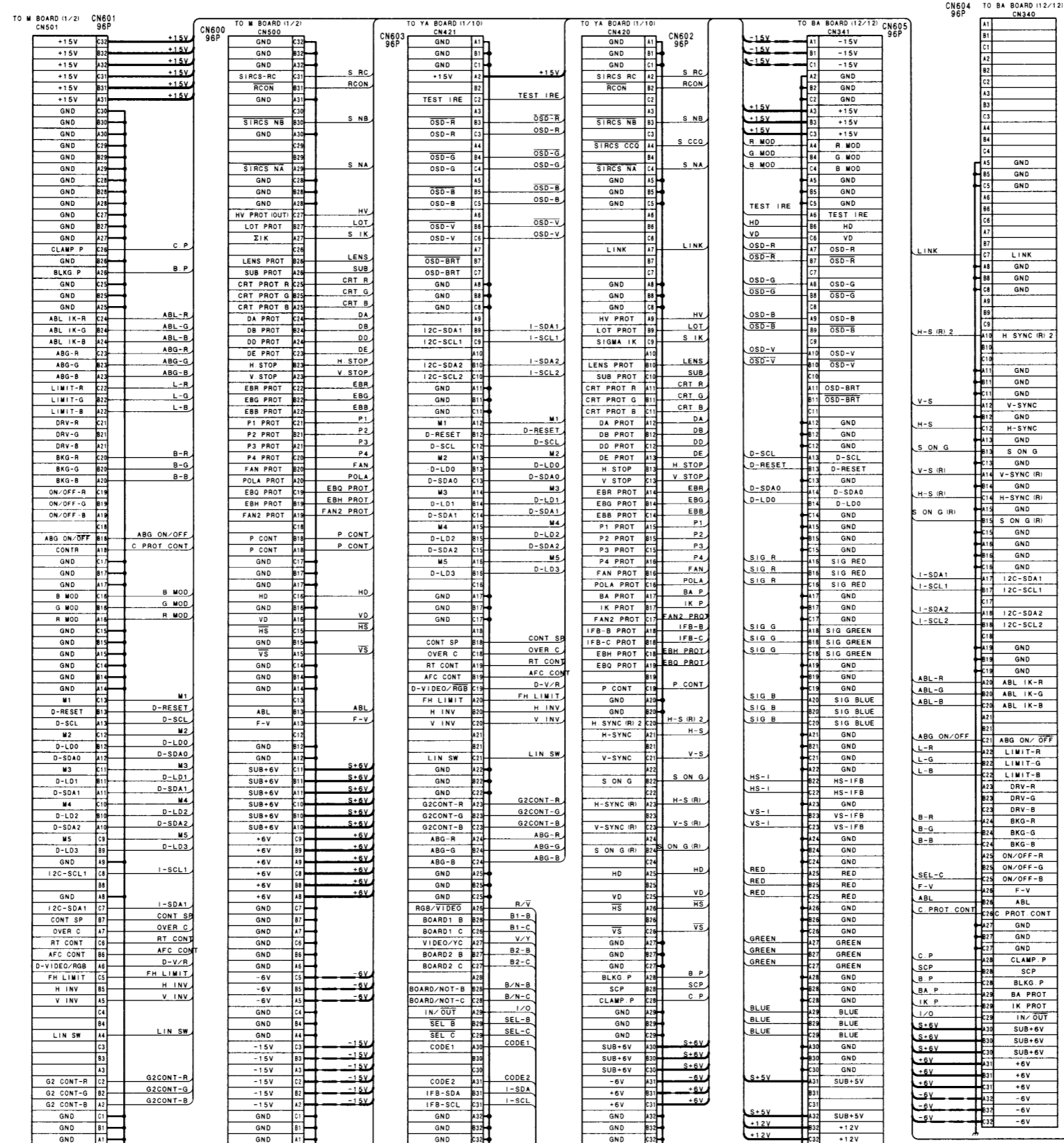
MA -A SIDE-
SUFFIX: -11



MA -B SIDE-
SUFFIX: -11

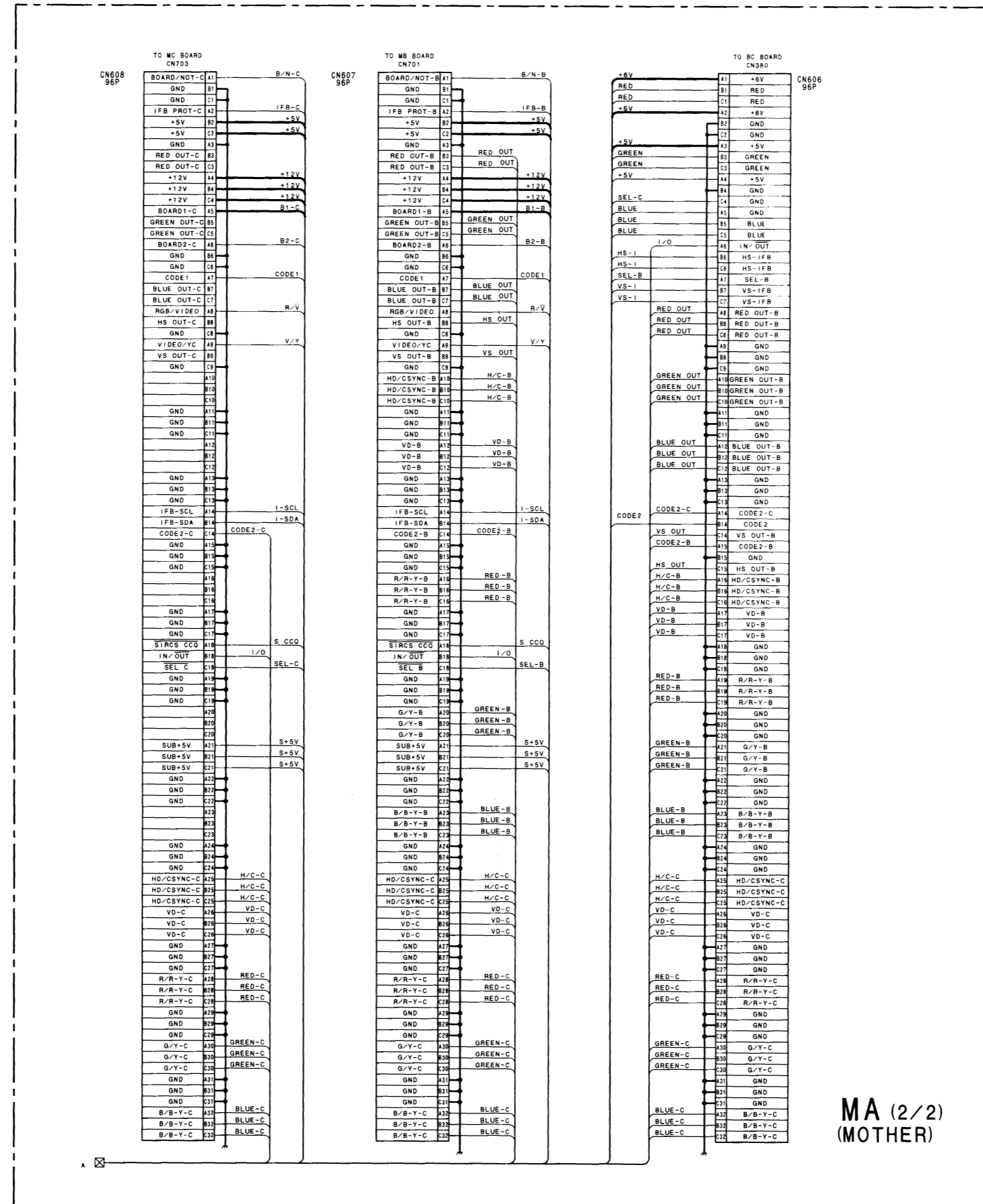
M (1/2) BOARD

MA (1/2) MA (1/2)



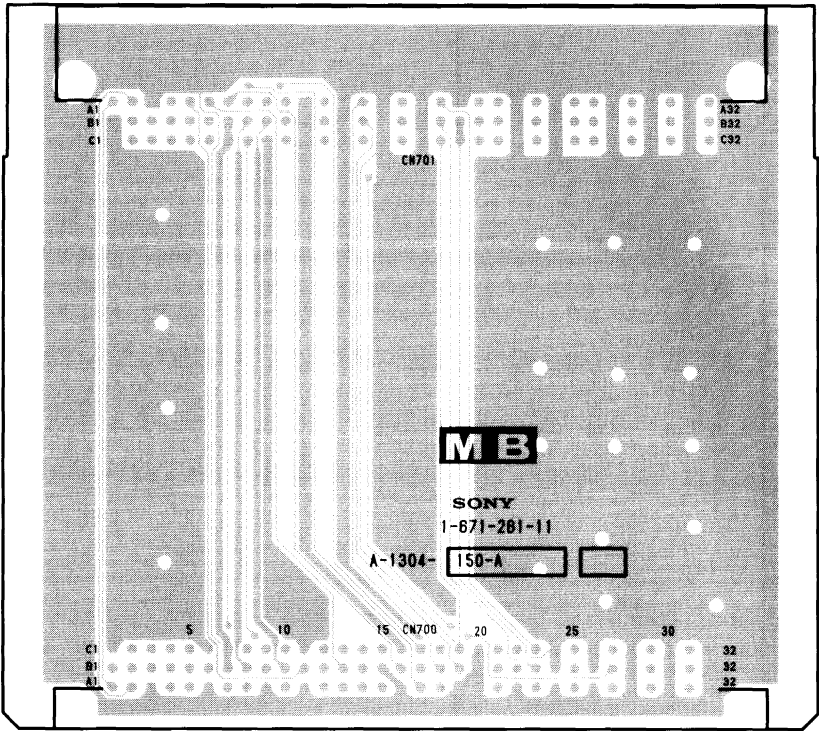
MA (1/2)
(MOTHER)

MA (2/2) BOARD

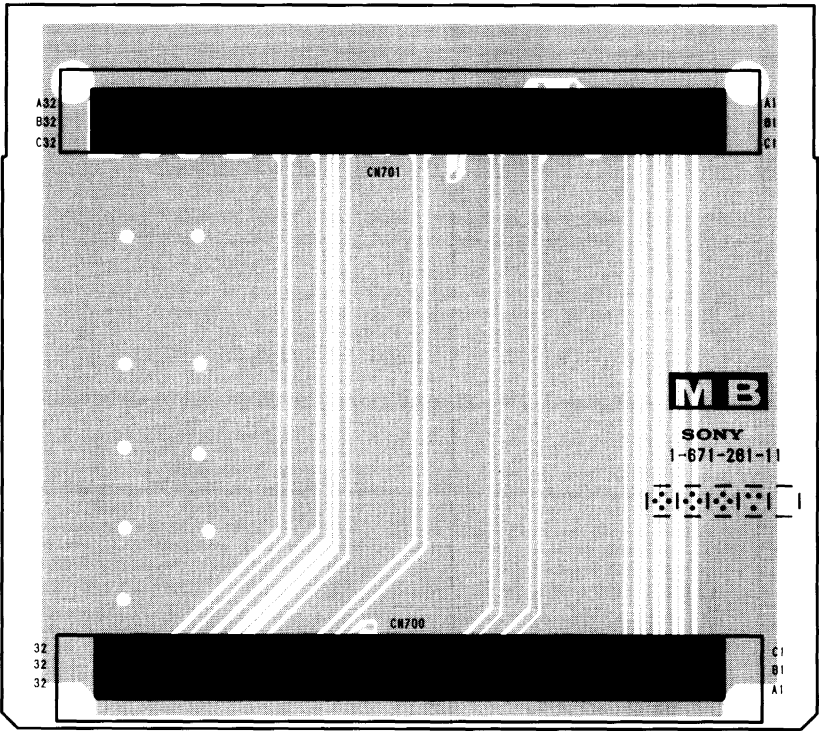


MA (2/2)
(MOTHER)

MB BOARD

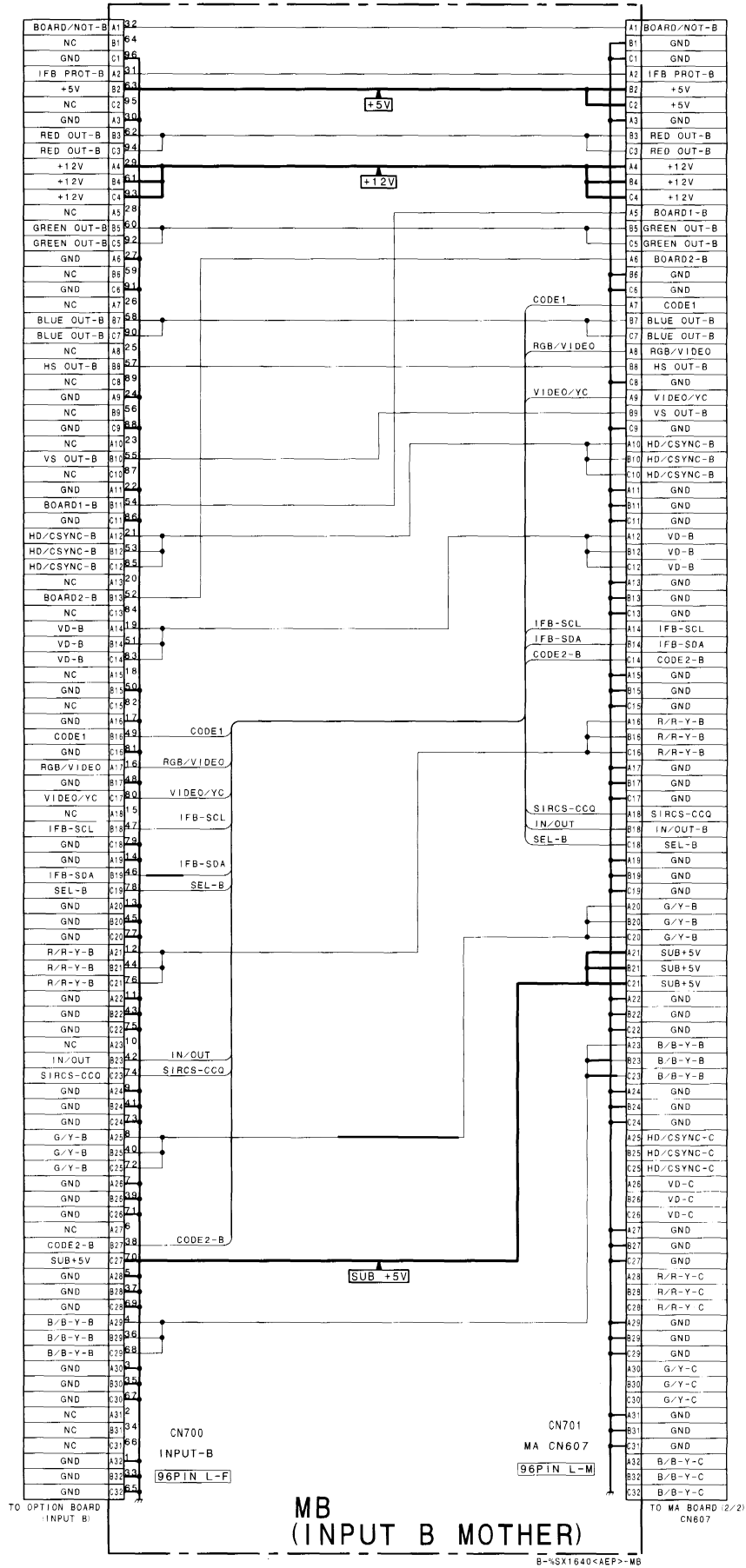


MB -A SIDE-
SUFFIX: -11

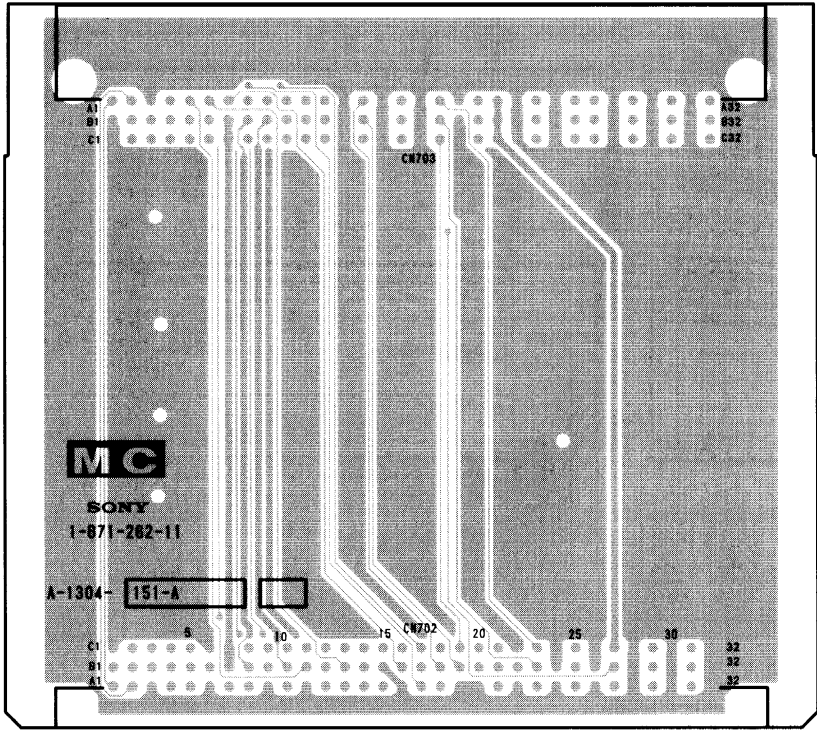


MB -B SIDE-
SUFFIX: -11

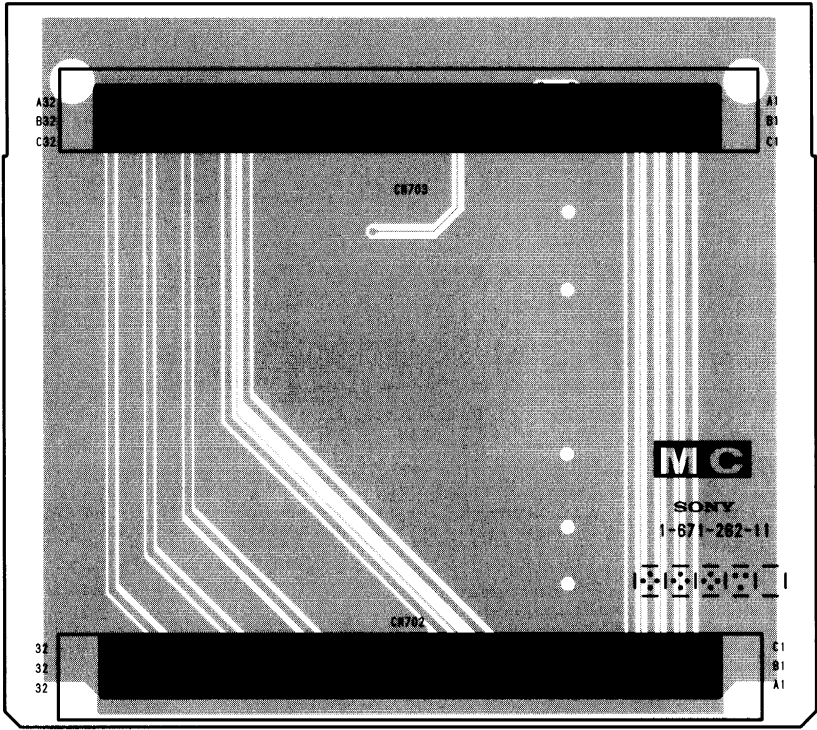
MB BOARD



MC BOARD

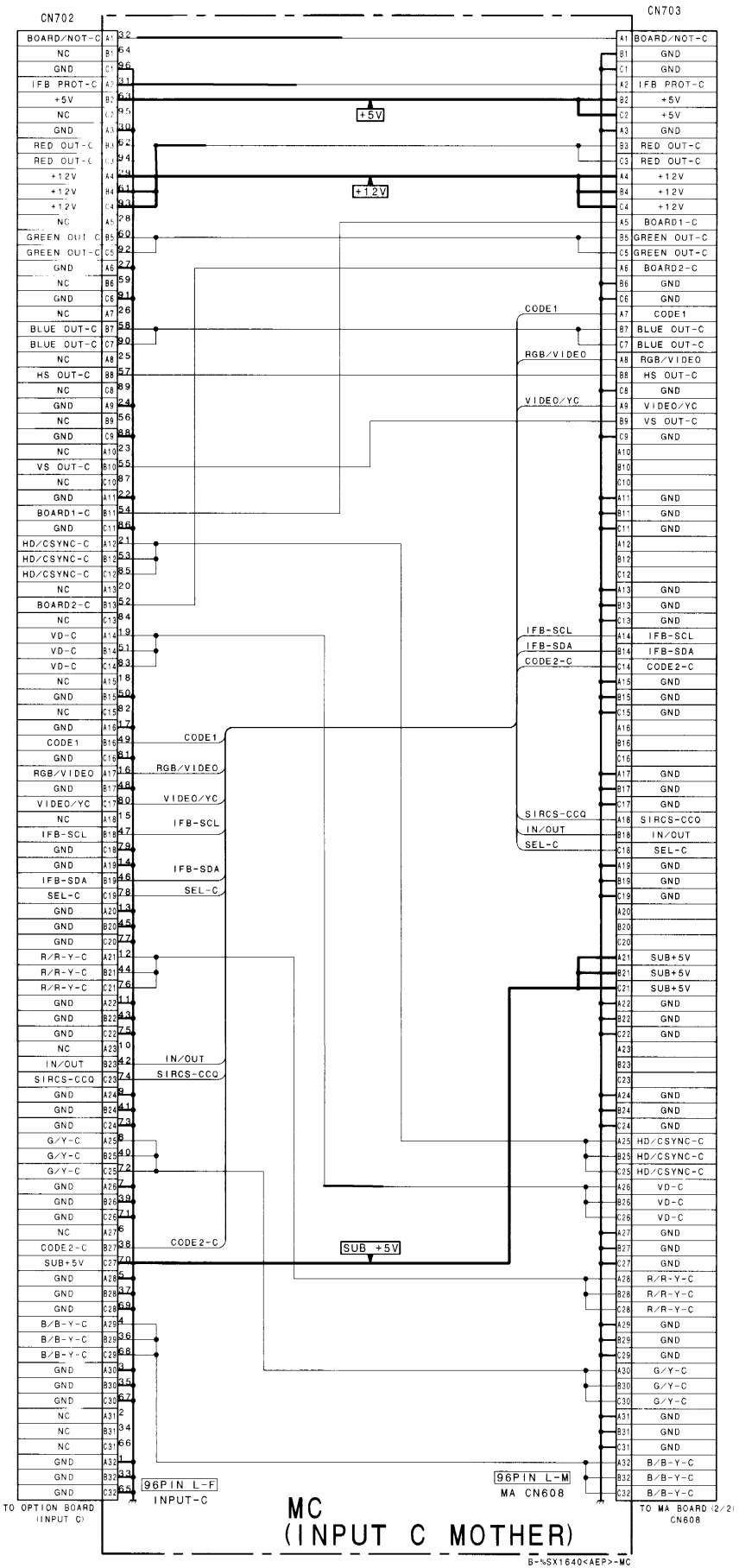


MC -A SIDE-
SUFFIX: -11



MC -B SIDE-
SUFFIX: -11

MC BOARD



MD BOARD

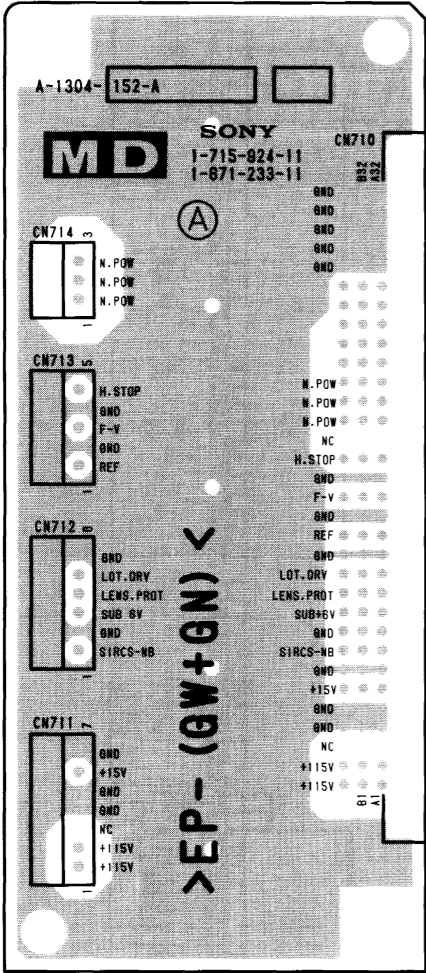
1

2

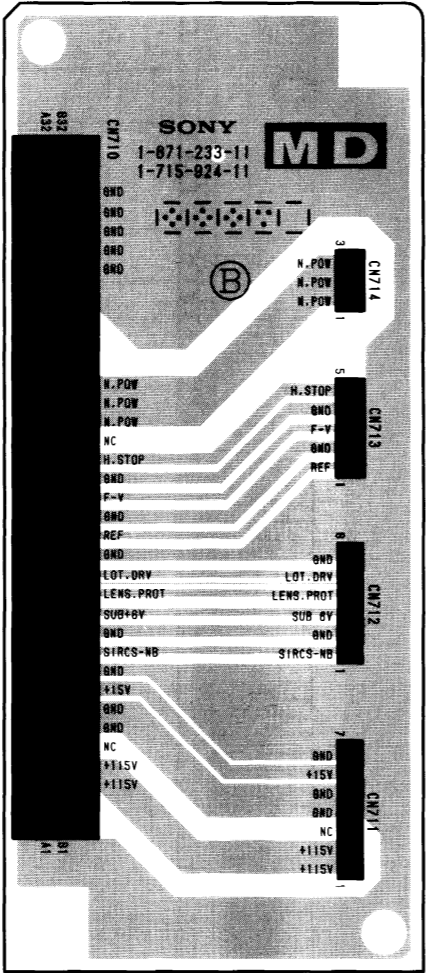
3

4

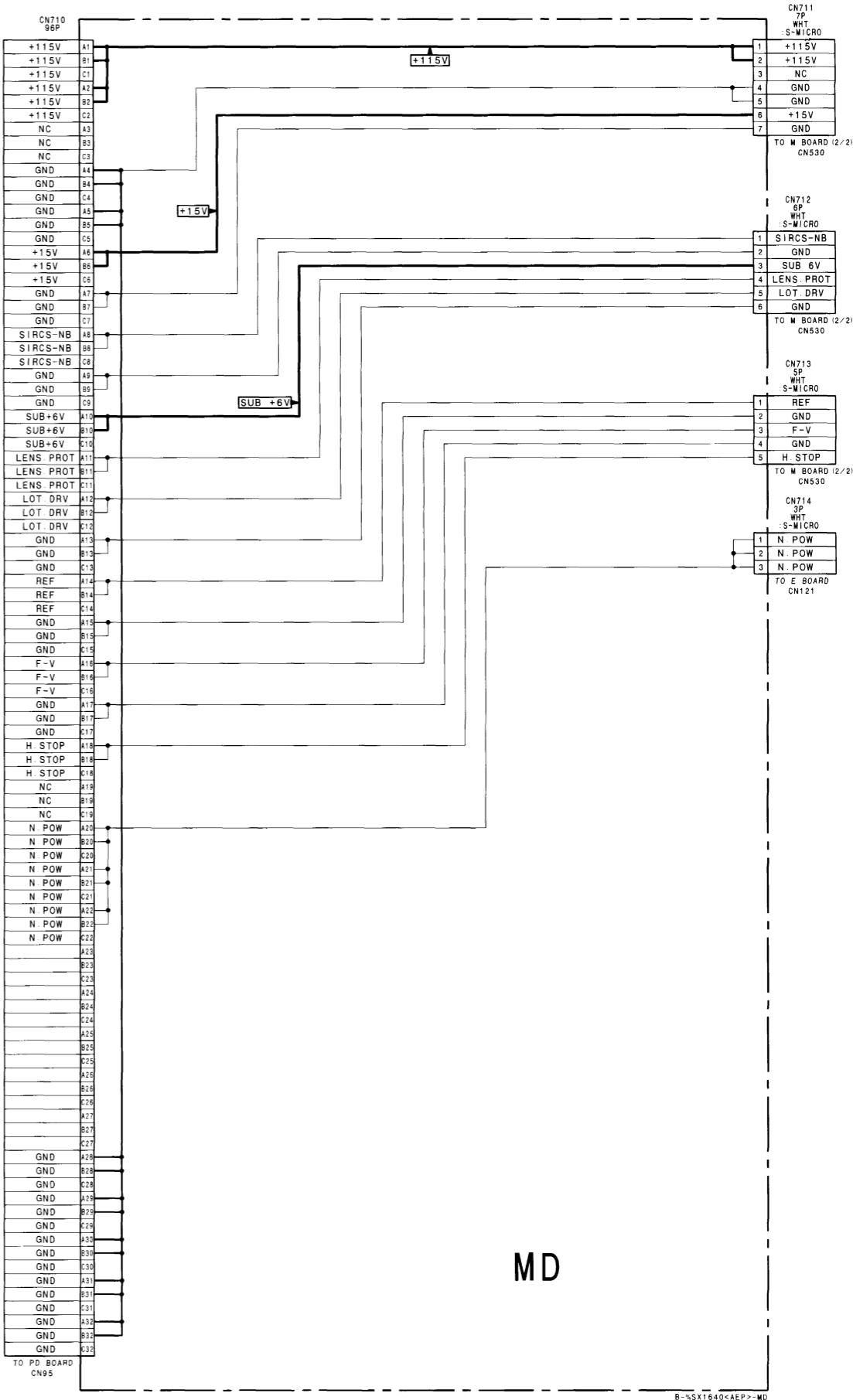
5



MD -A SIDE-
SUFFIX: -11

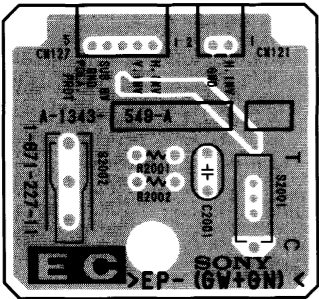


MD -B SIDE-
SUFFIX: -11

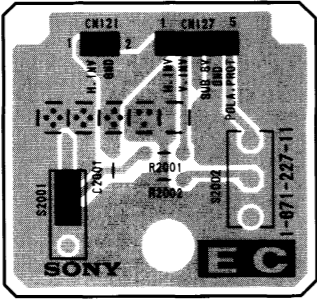


MD

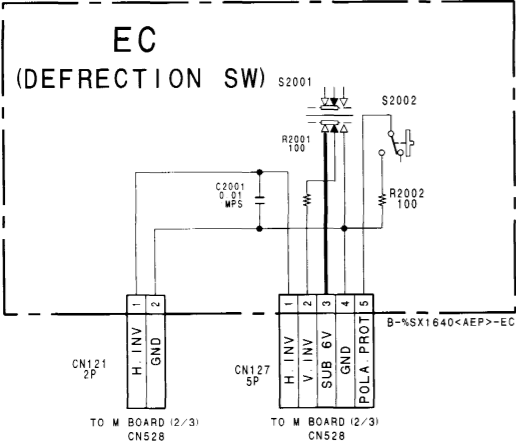
EC BOARD



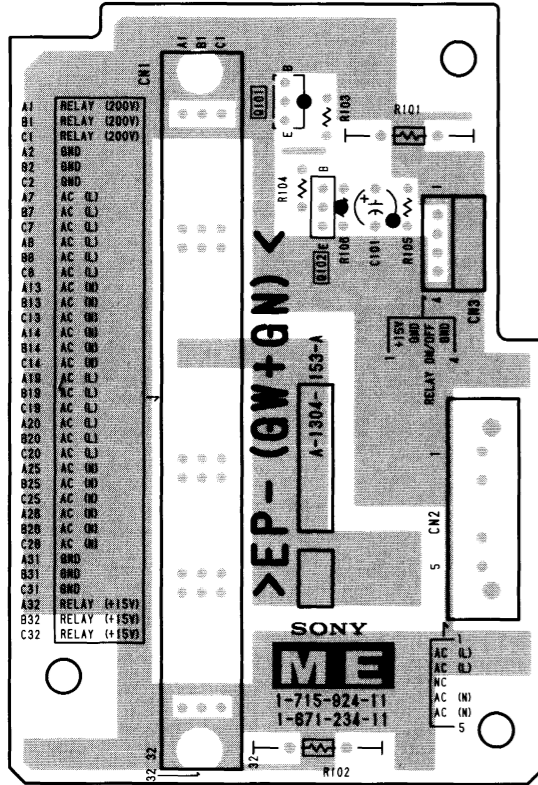
EC -A SIDE-
SUFFIX: -11



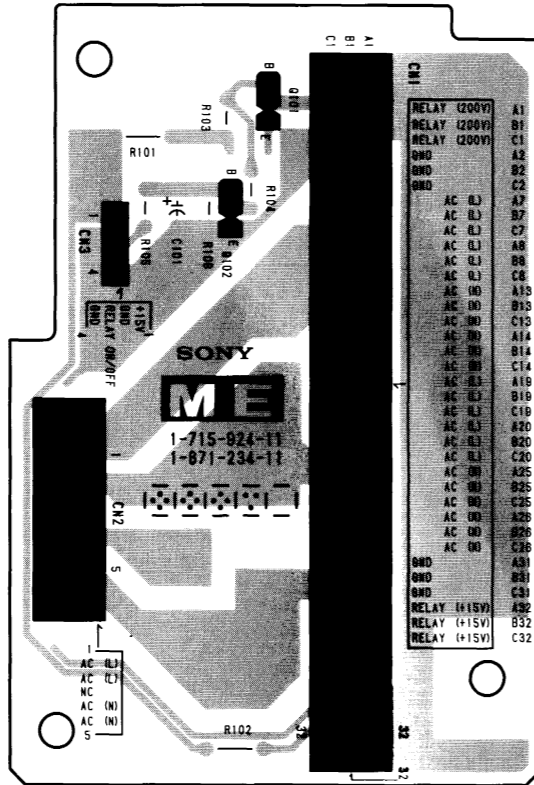
EC -B SIDE-
SUFFIX: -11



ME BOARD



ME -A SIDE-
SUFFIX: -11



ME -B SIDE-
SUFFIX: -11

