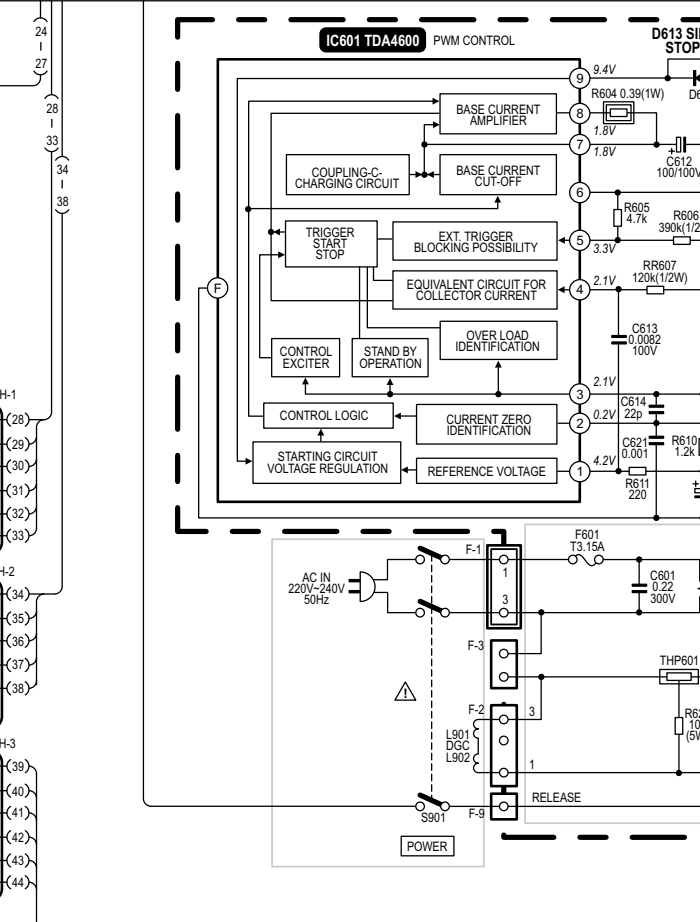
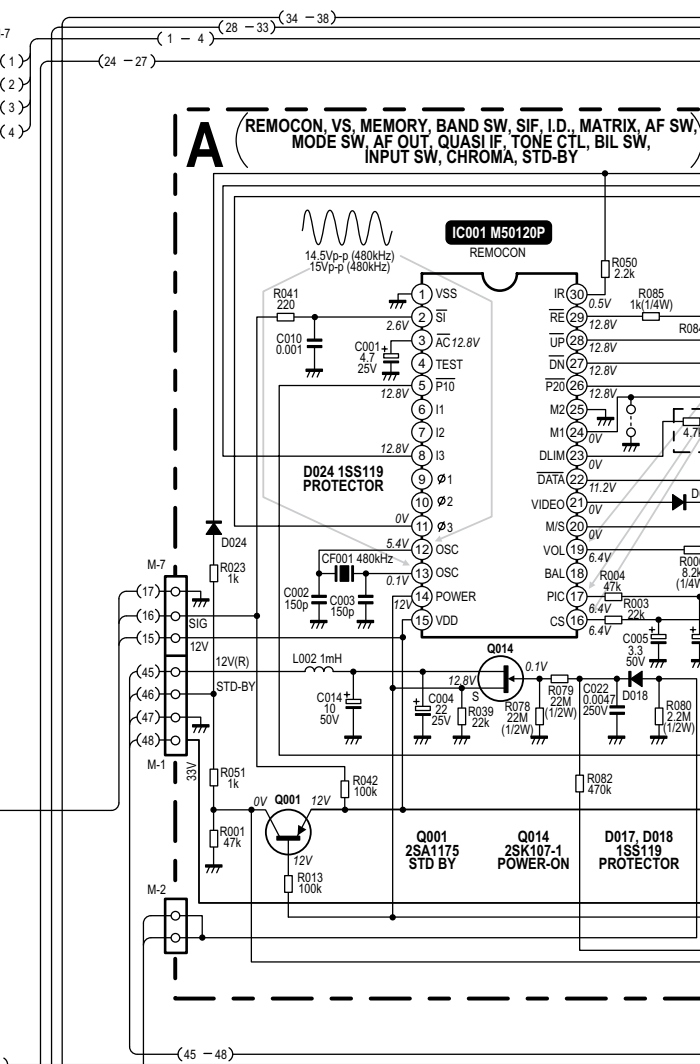
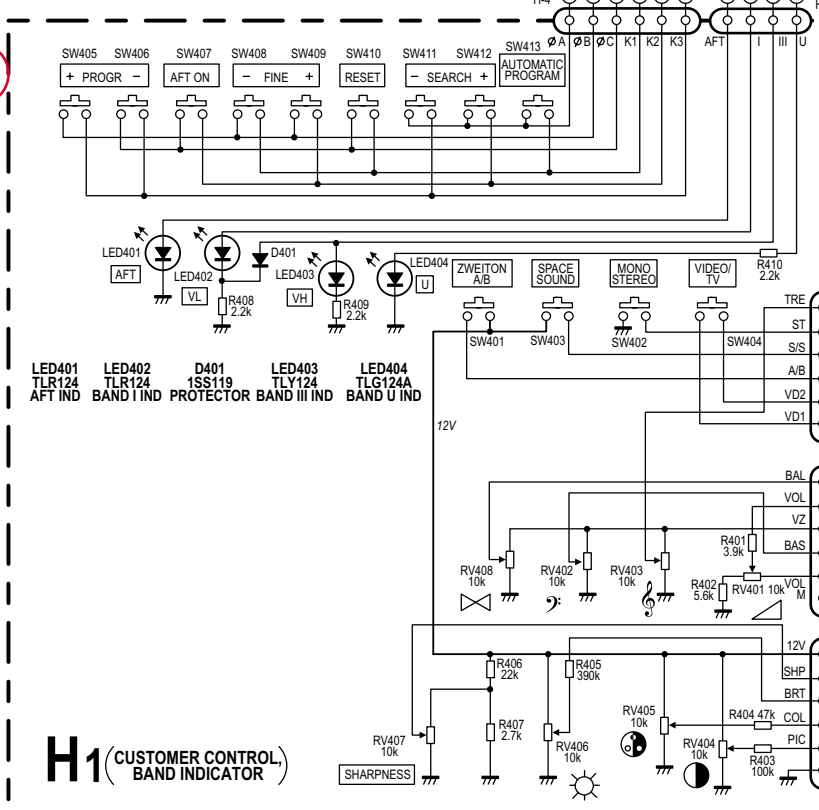
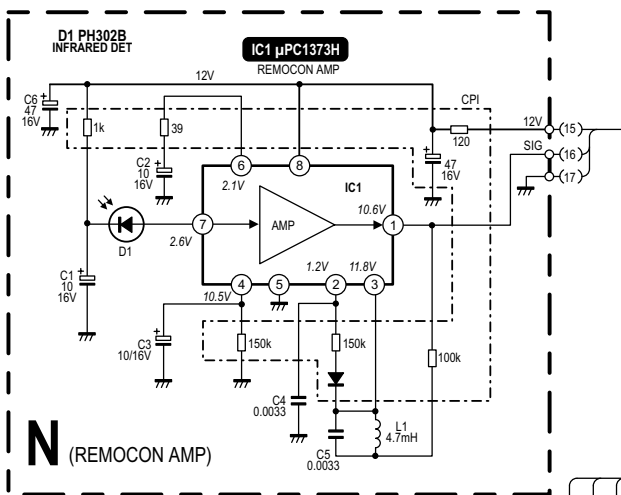
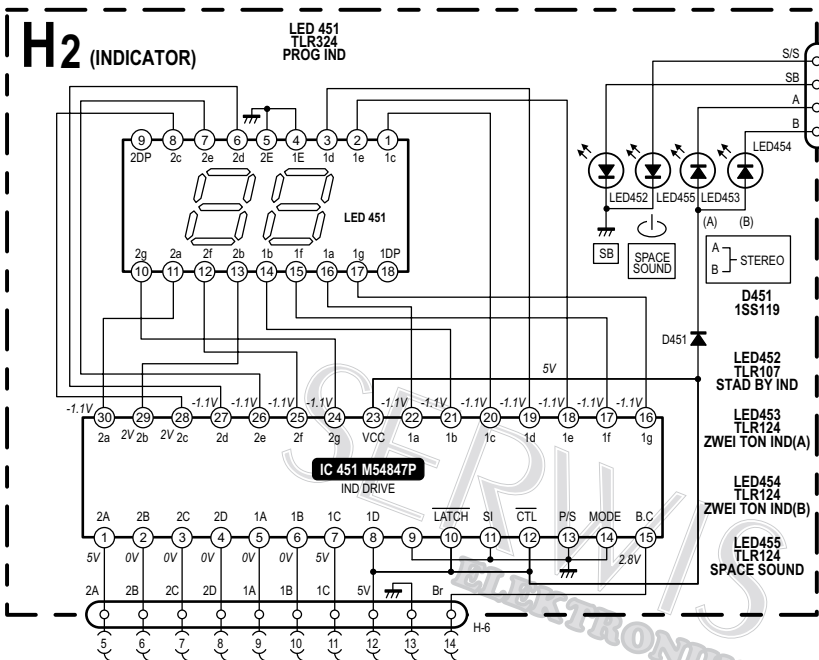
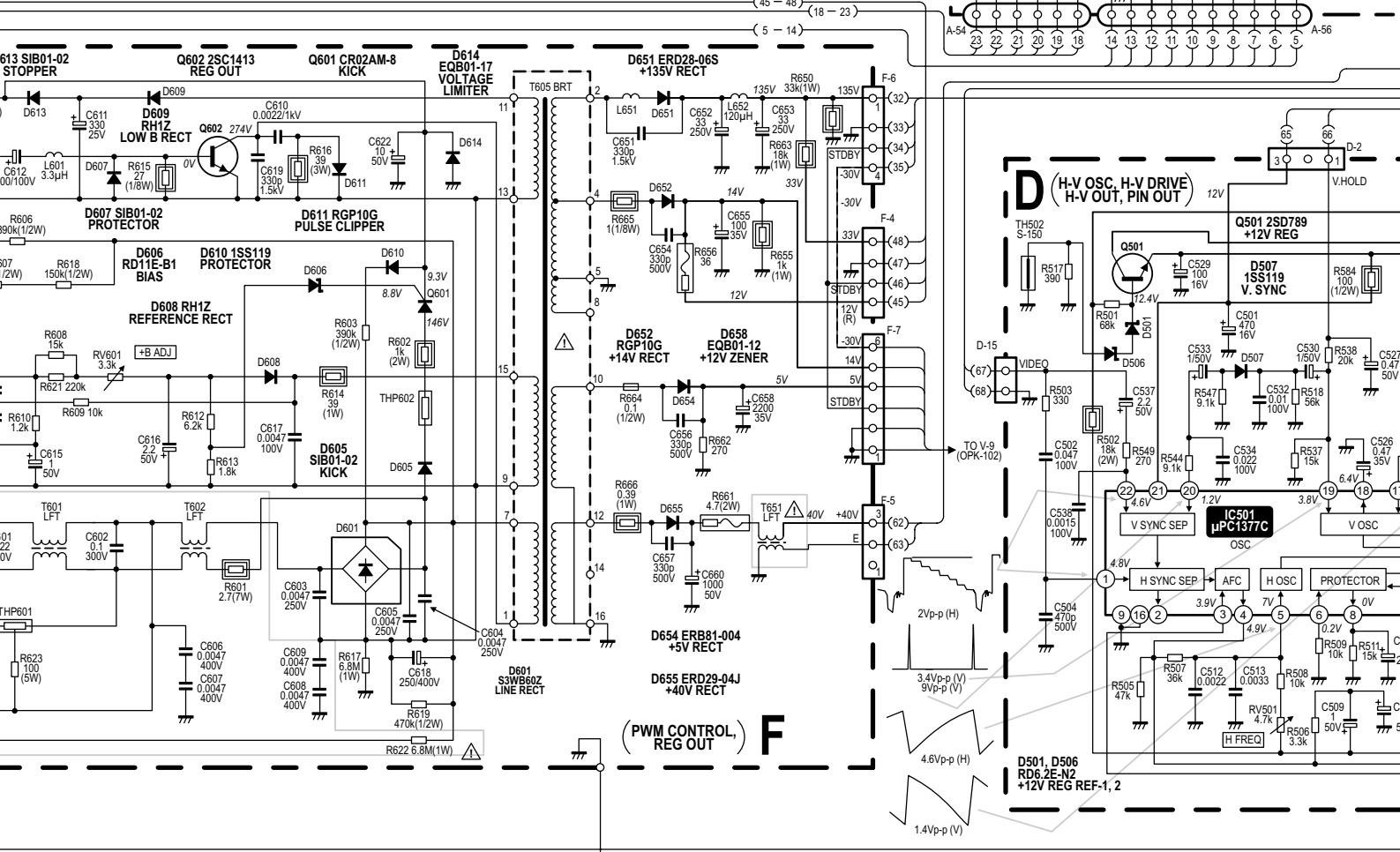
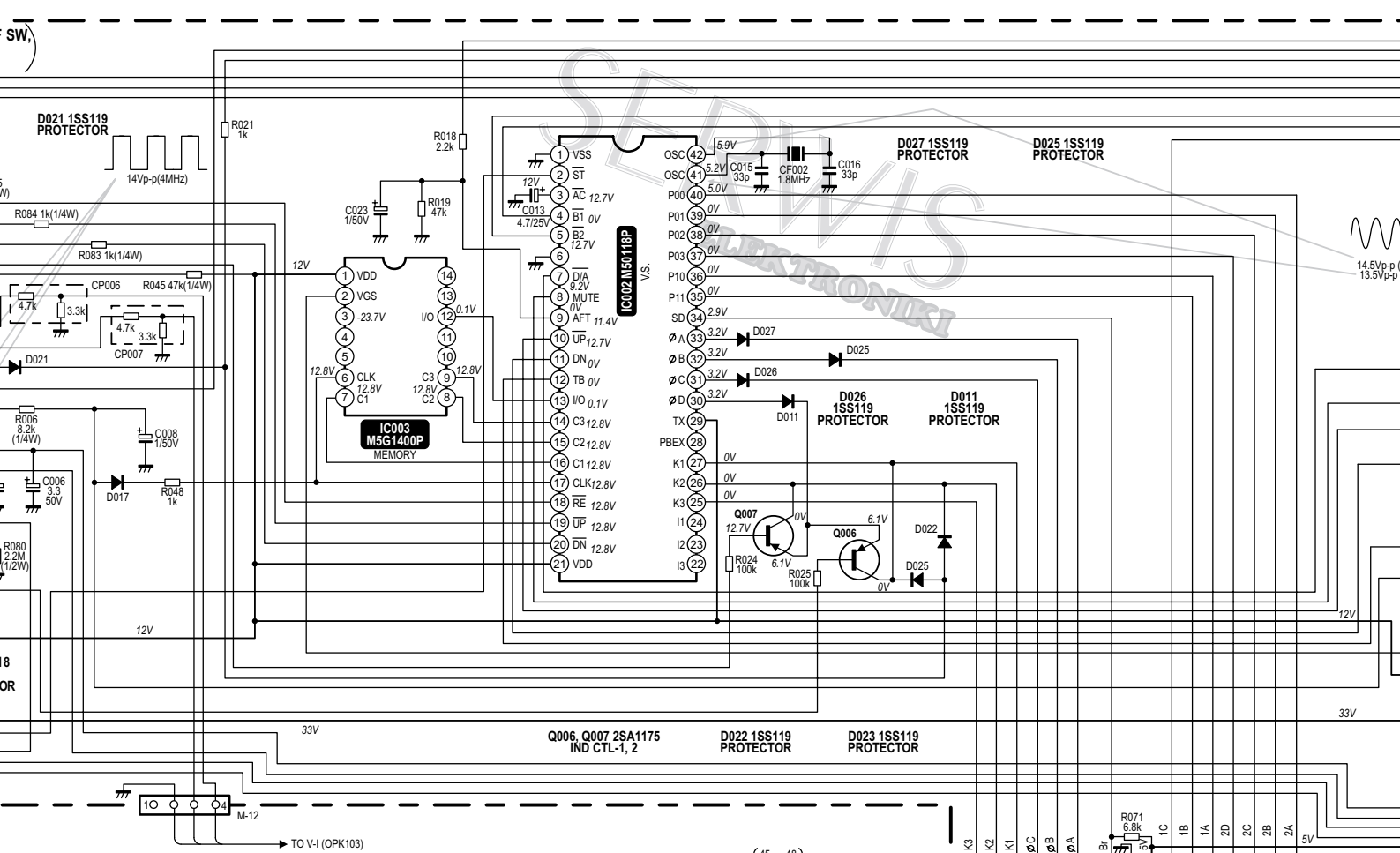


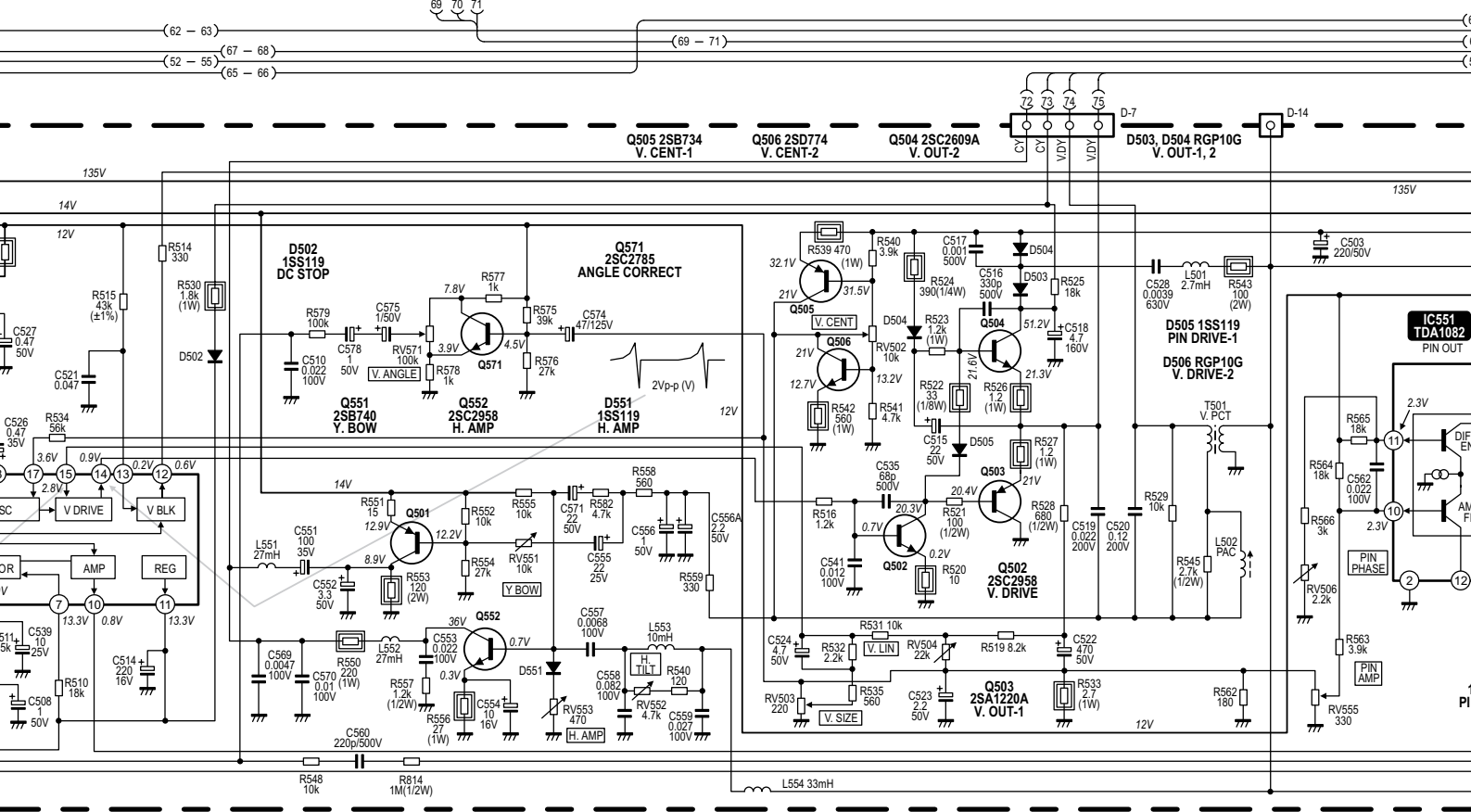
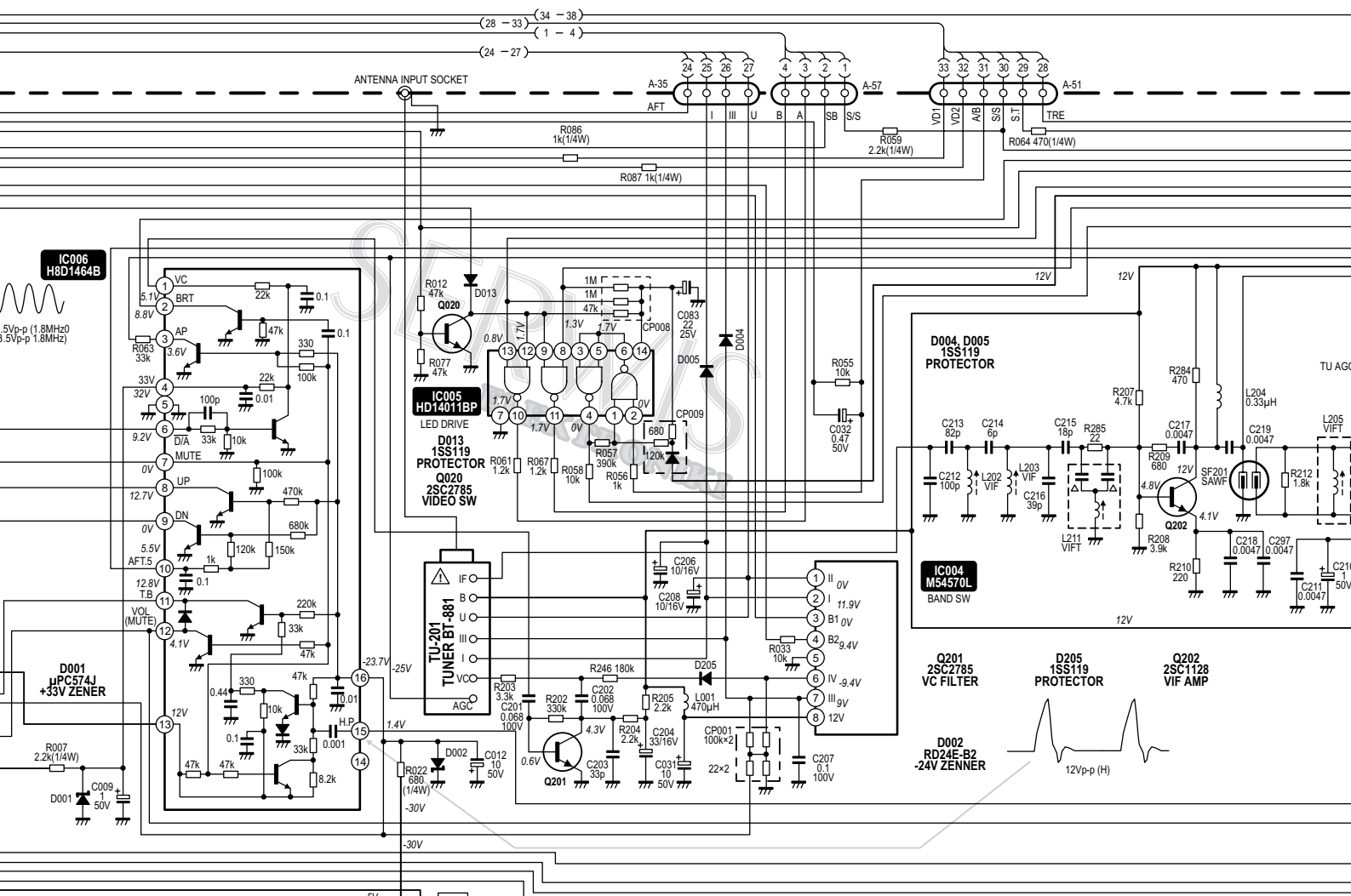
OTVC Sony KV-2720ES, KV-2722ES, KV-2724ES chas

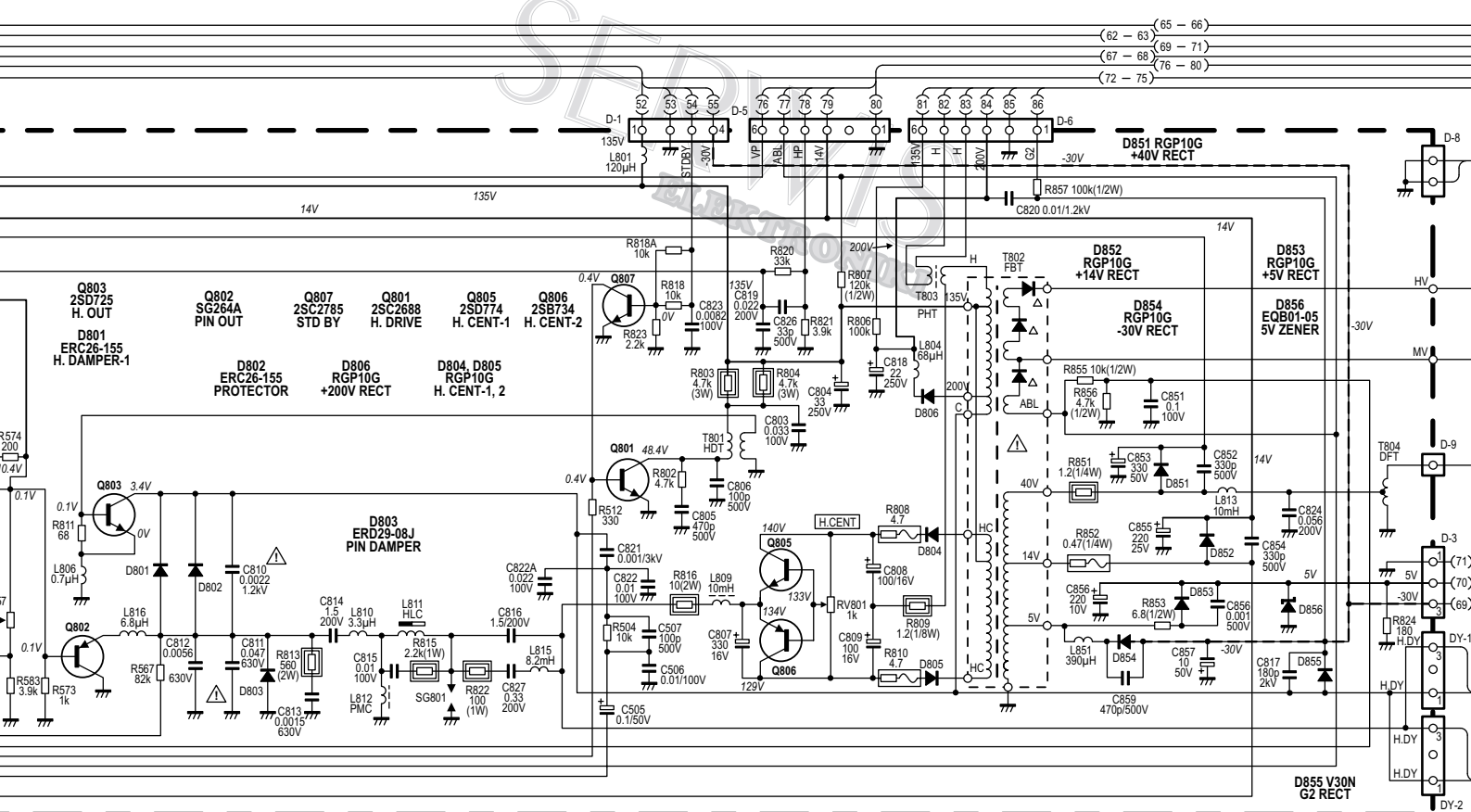
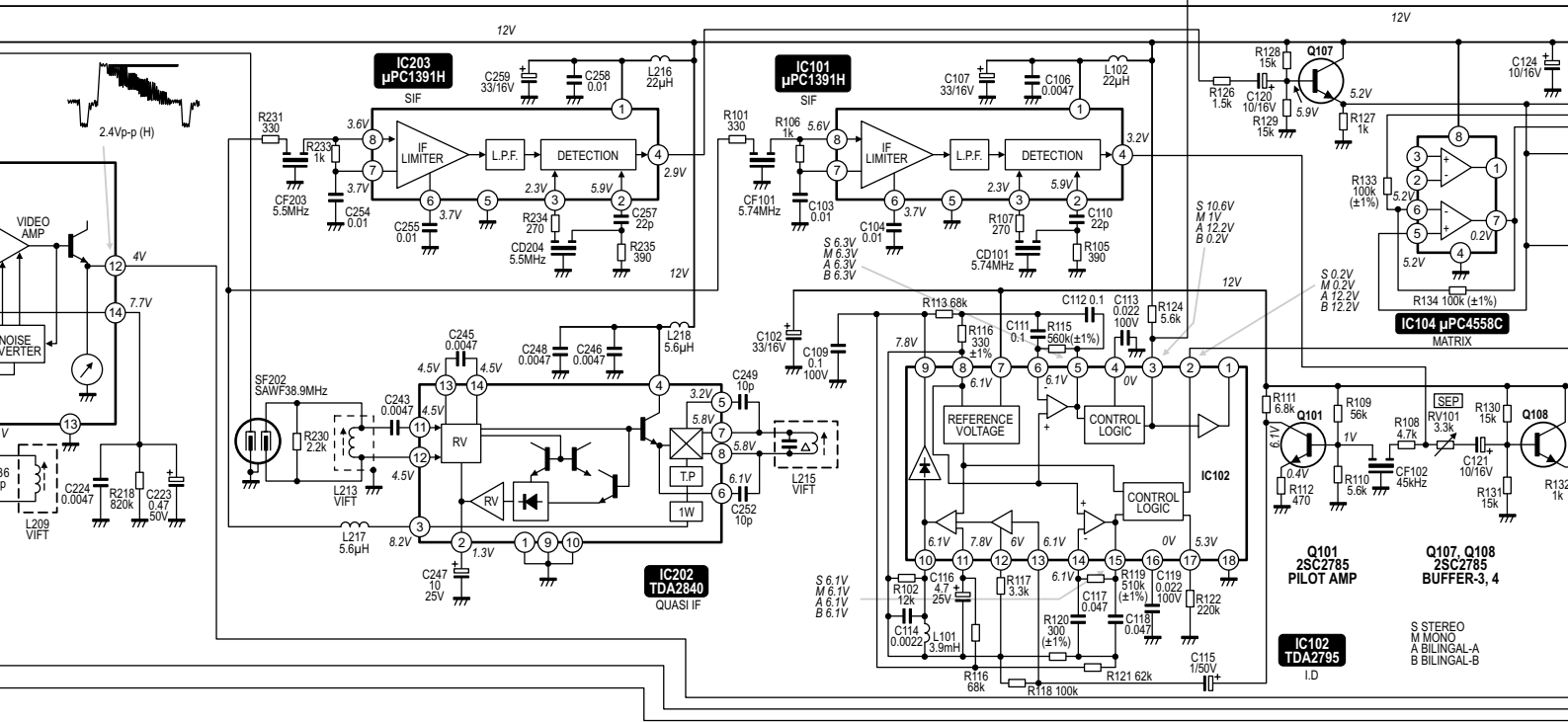


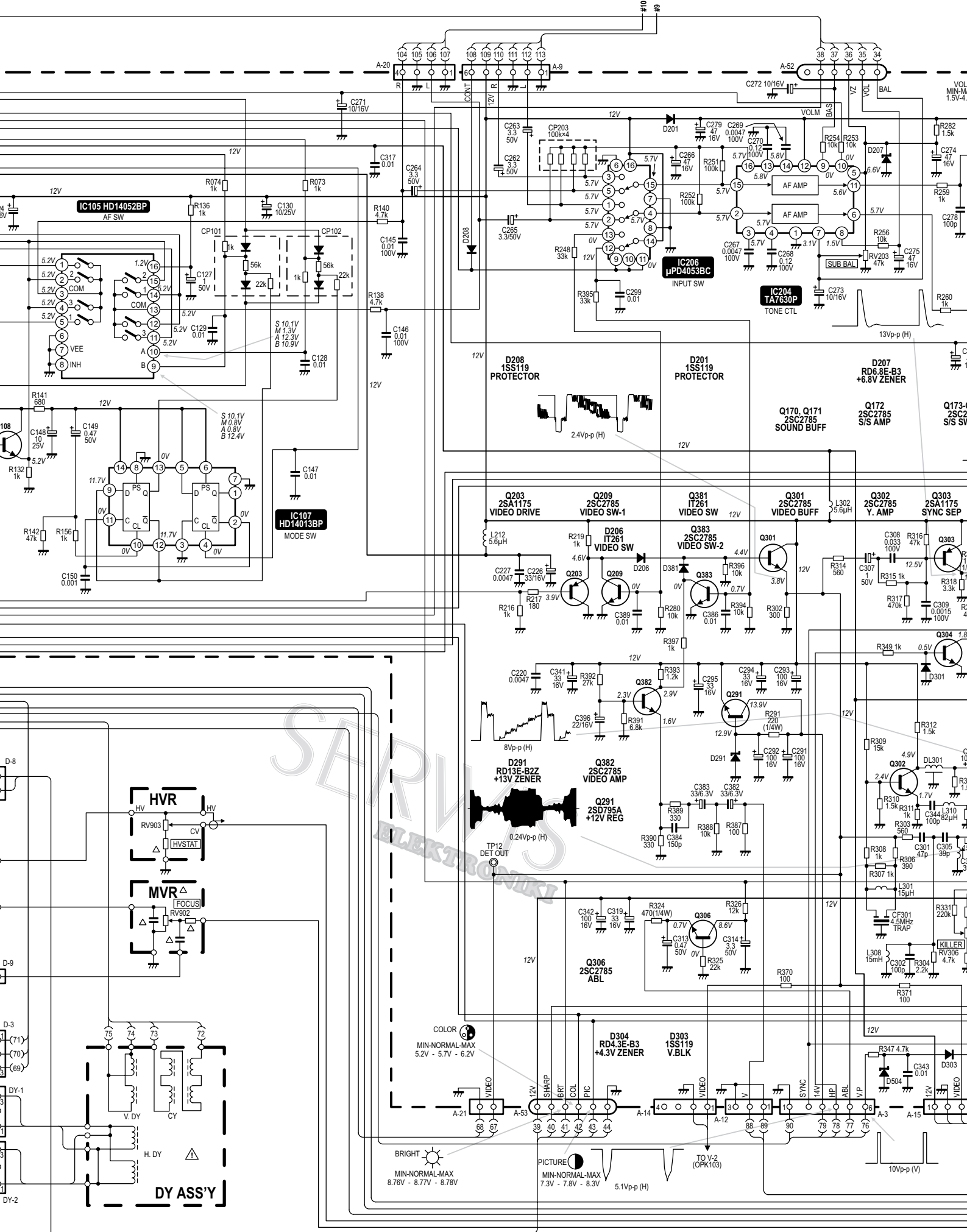
1

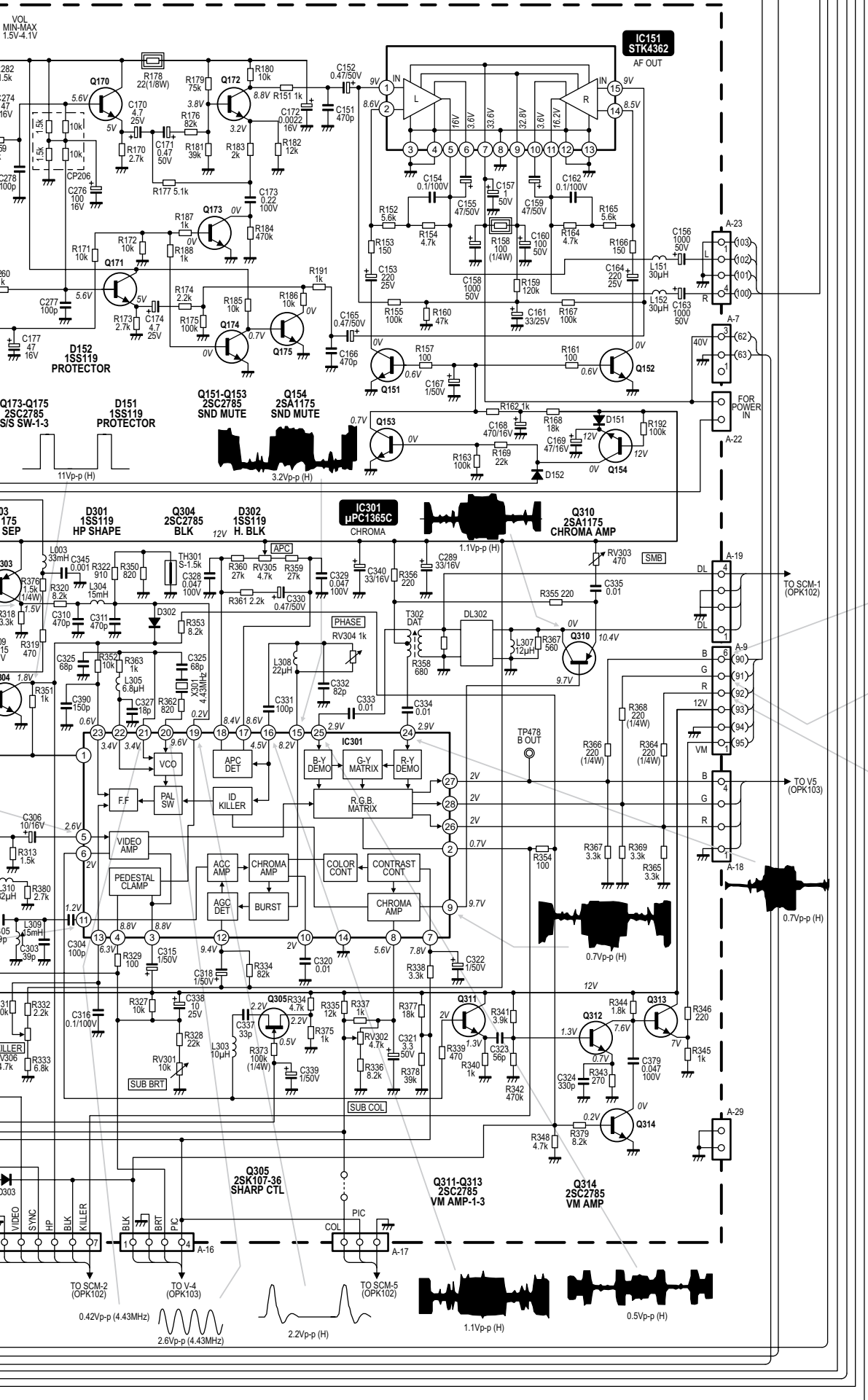
Assis QEX







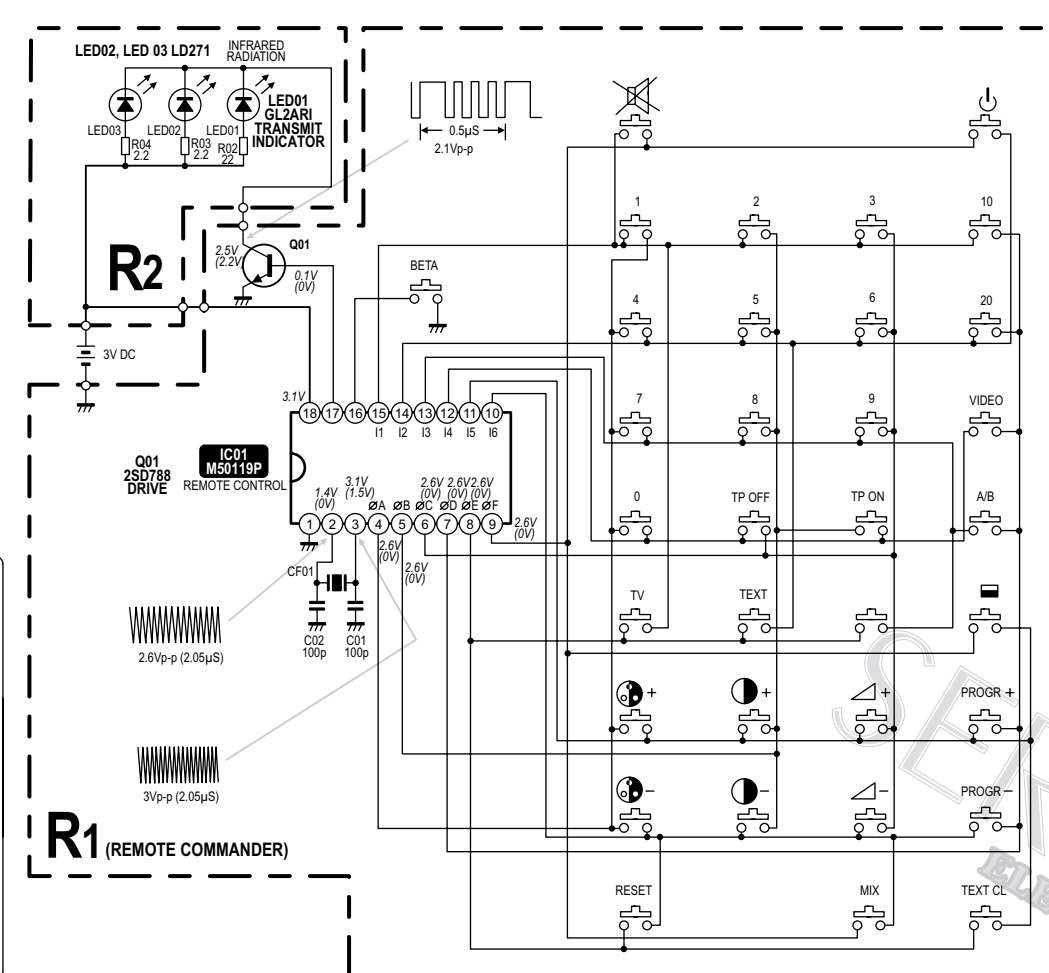
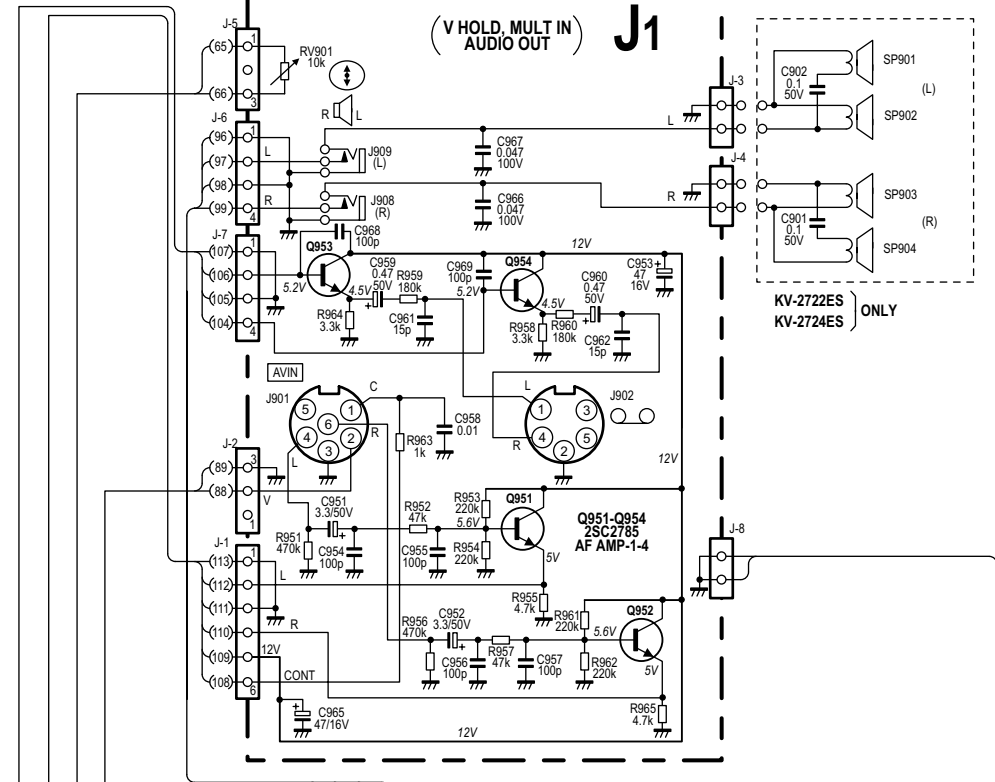




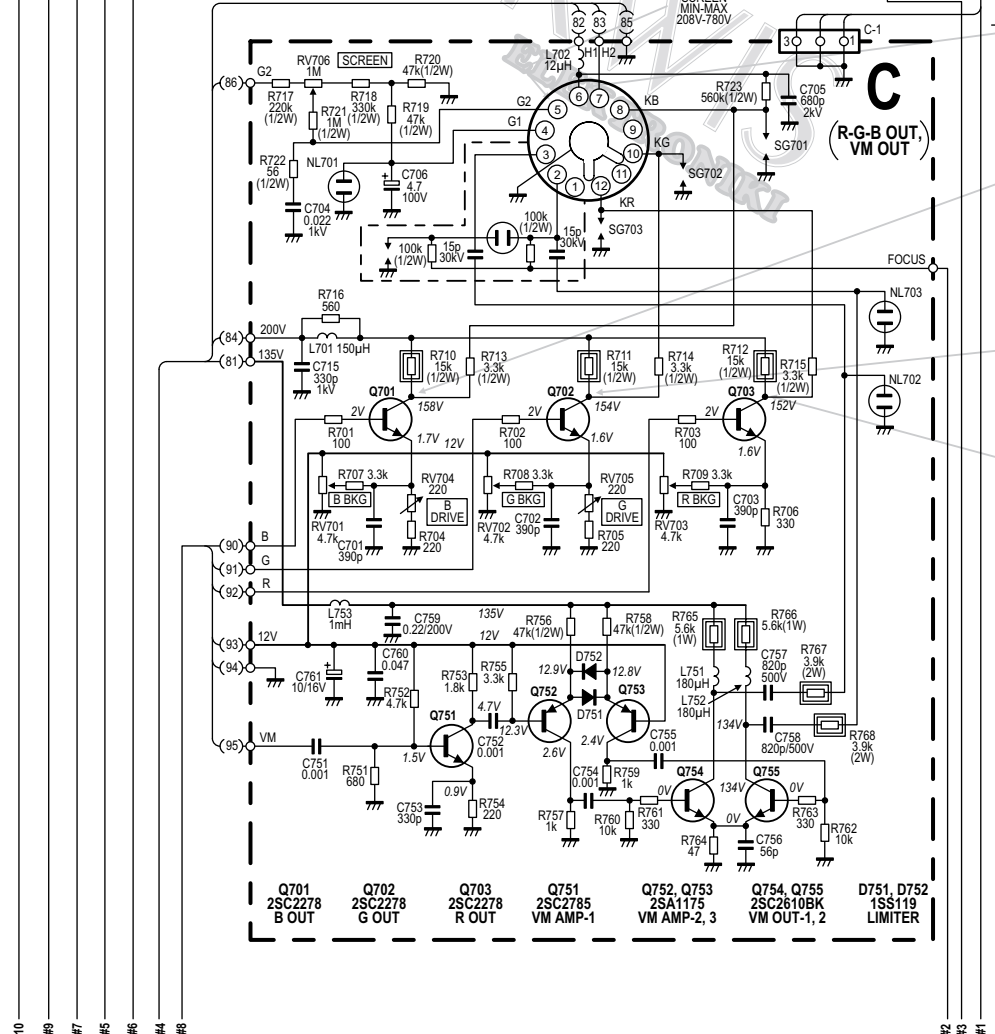
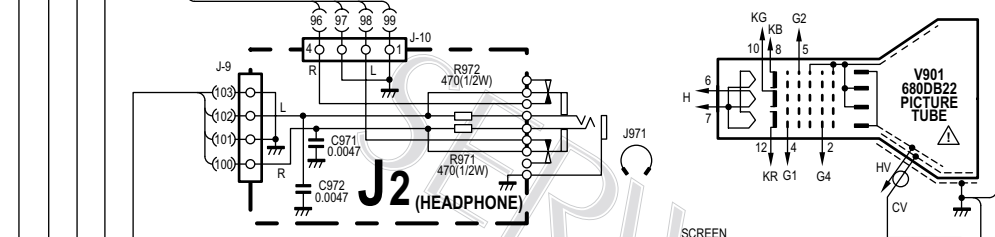
2



OTVC Sony KV-2720ES, KV-2722ES, KV-2724ES chassis QEX



- Note:
- Voltages and waveform are for when **A/B** button is pressed.
 - Voltages in () are taken with button not pressed.
 - All capacitors are in μF unless otherwise noted. pF : μpF 50WV or less are not indicated except for electrolytics.
 - All resistors are in ohms, 1/4W unless otherwise noted. k: 1000 Ω , M:1000k Ω .
 - All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

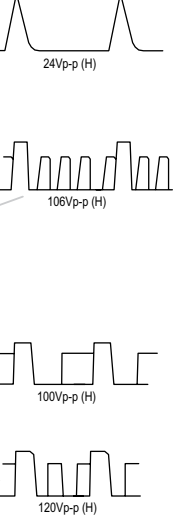
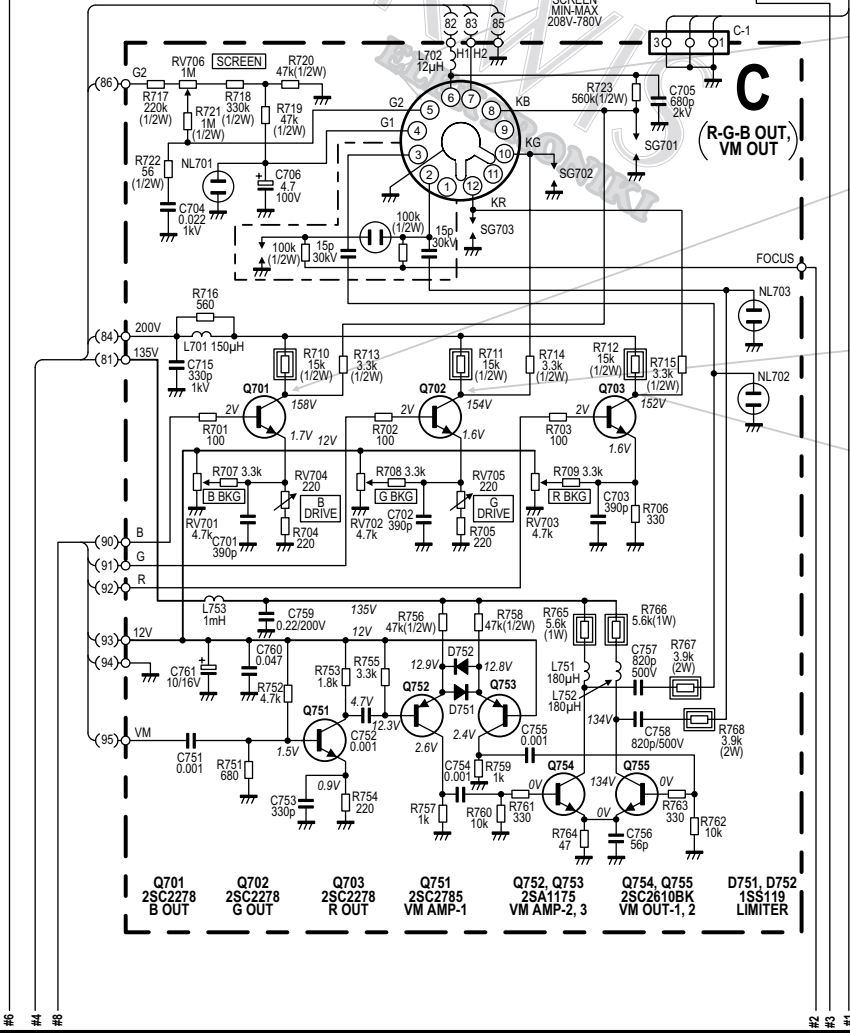
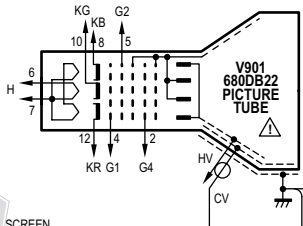
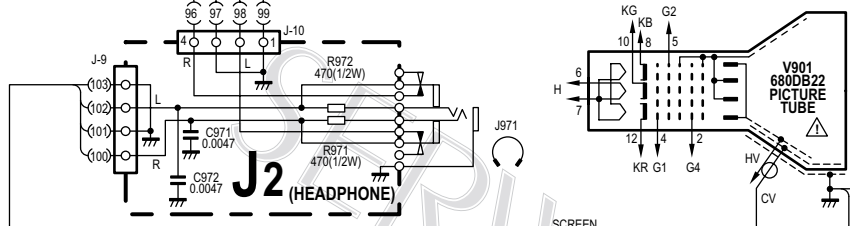
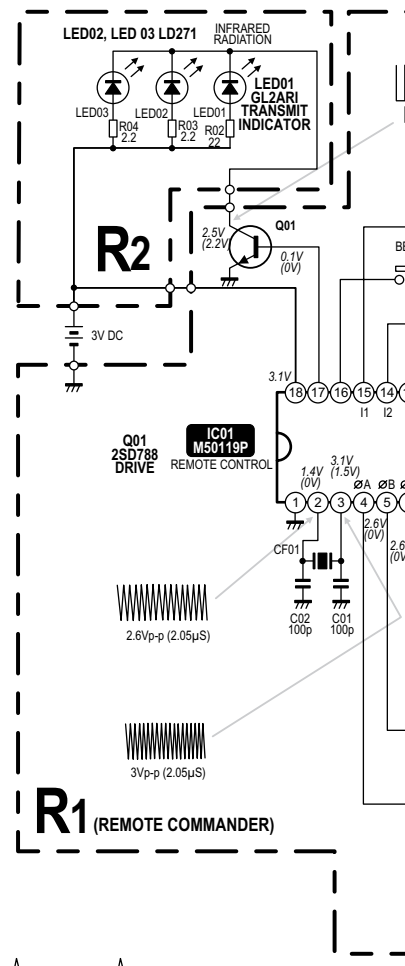
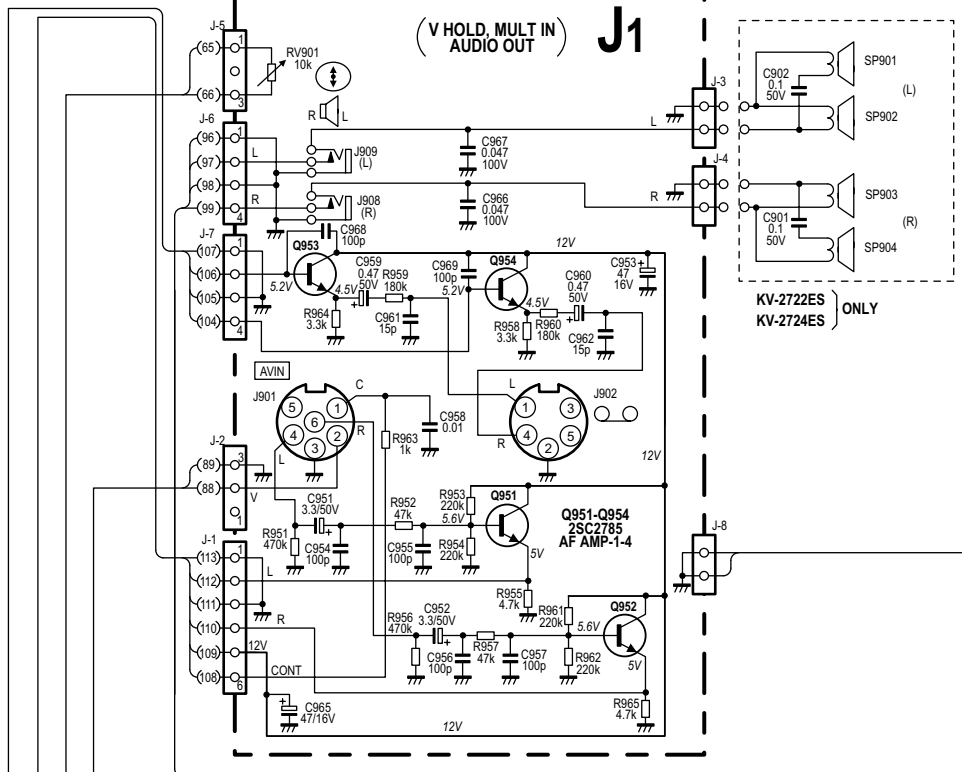


MODE	PIN	10	11	12	13	14	15	16	17
Power		3.1	3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
Light		3.1	3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
1		3.1	3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
2		3.1	3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
3		3.1	3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
4		3.1	3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
5		3.1	3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
6		3.1	3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
7		3.1	3.1	3.1	2.6	3.1	3.1	3.1(0.15)	0
8		3.1	3.1	3.1	2.6	3.1	3.1	3.1(0.15)	0
9		3.1	3.1	3.1	2.6	3.1	3.1	3.1(0.15)	0
0		3.1	3.1	2.6	3.1	3.1	3.1	3.1(0.15)	0
10		3.1	3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
20		3.1	3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
VIDEO		3.1	3.1	2.6	3.1	3.1	3.1	3.1(0.15)	0
TP OFF		3.1	3.1	2.6	3.1	3.1	3.1	3.1(0.15)	0.2
TP ON		3.1	3.1	2.6	3.1	3.1	3.1	3.1(0.15)	0.2
A/B		3.1	3.1	3.1	2.6	3.1	3.1	3.1(0.15)	0.2
TV		3.1	3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
TEXT		3.1	3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
VIEWDATA		3.1	3.1	3.1	2.6	3.1	3.1	3.1(0.15)	0
+		3.1	2.6	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
-		2.6	3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
+		3.1	2.6	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
-		2.6	3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
+		3.1	2.6	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
-		2.6	3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
PROGR +		3.1	2.6	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
PROGR -		2.6	3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
RESET		2.6	3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0
MIX		2.6	3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0
TEXT CL		3.1	2.6	3.1	3.1	3.1	3.1	3.1(0.15)	0.2

- Note:
- All capacitors are in μF unless otherwise noted. pF : μpF 50WV or less are not indicated except for electrolytics.
 - C board and D board resistors are in ohms, 1/4W unless otherwise noted, and other boards are in ohms, 1/6W unless otherwise noted. k: 1000 Ω , M:1000k Ω
 - All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
 - : nonflammable resistor
 - : fusible resistor
 - : internal component
 - : panel designation
 - : adjustment for repair
 - All voltage are in V.
 - : B+ bus
 - : B- bus
 - Voltages are DC with respect to ground unless otherwise noted.
 - Readings are taken with a 10M Ω digital multimeter.
 - Readings are taken with a color-bar signal input.
 - Voltages on A and H1 boards are taken under conditions below:
 - The channel 1 is selected.
 - Volume control is set to no sound position.
 - Picture control is set to the first stage.
 - (The first stage is the condition when the power switch sets to ON)
 - Waveform on A board is taken with controls set to the first stage.
 - Voltage variations may be noted due to normal production tolerances.
 - Voltage on F board is taken with Q602 Emitter.

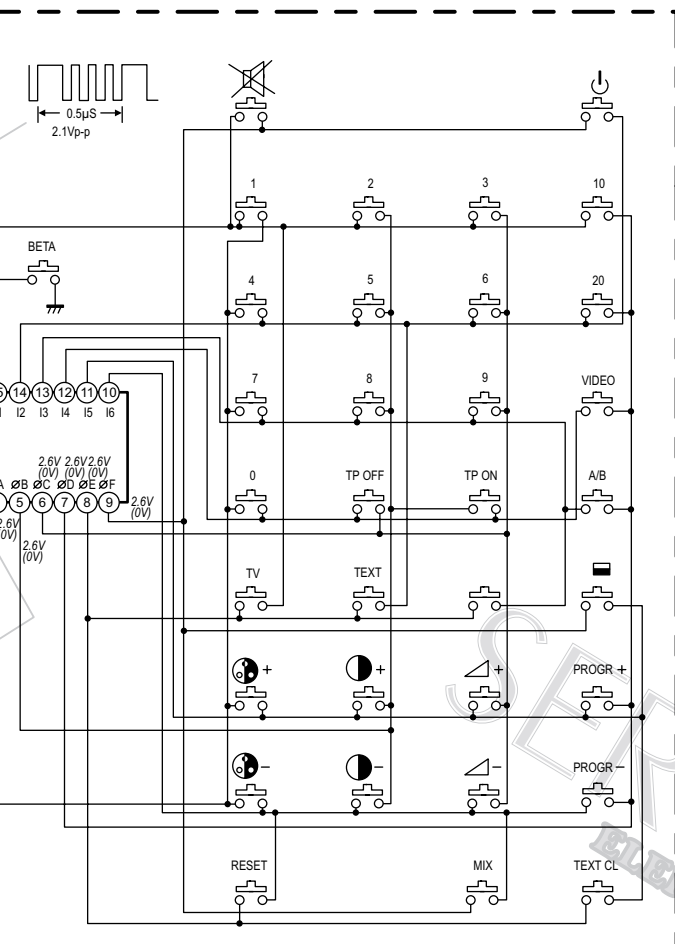


OTVC Sony KV-2720ES, KV-2722ES, KV-2724ES chassis Q1



MODE	PIN	10	11
Power		3.1	3.1
Speaker		3.1	3.1
1		3.1	3.1
2		3.1	3.1
3		3.1	3.1
4		3.1	3.1
5		3.1	3.1
6		3.1	3.1
7		3.1	3.1
8		3.1	3.1
9		3.1	3.1
0		3.1	3.1
10		3.1	3.1
20		3.1	3.1
VIDEO		3.1	3.1
TP OFF		3.1	3.1
TP ON		3.1	3.1
A/B		3.1	3.1
TV		3.1	3.1
TEXT		3.1	3.1
VIEWDATA		3.1	3.1
		3.1	2.6
		2.6	3.1
		3.1	2.6
		2.6	3.1
		3.1	2.6
		2.6	3.1
PROGR +		3.1	2.6
PROGR -		2.6	3.1
RESET		2.6	3.1
MIX		2.6	3.1
TEXT CL		3.1	2.6

1



Note:

- Voltages and waveform are for when **A/B** button is pressed.
- Voltages in () are taken with button not pressed.
- All capacitors are in µF unless otherwise noted. pF: µµF
- All resistors are in ohms, 1/4W unless otherwise noted. k: 1000Ω, M:1000kΩ.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

11	12	13	14	15	16	17
3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
3.1	3.1	2.6	3.1	3.1	3.1(0.15)	0
3.1	3.1	2.6	3.1	3.1	3.1(0.15)	0
3.1	2.6	3.1	3.1	3.1	3.1(0.15)	0
3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
3.1	2.6	3.1	3.1	3.1	3.1(0.15)	0
3.1	2.6	3.1	3.1	3.1	3.1(0.15)	0.2
3.1	3.1	2.6	3.1	3.1	3.1(0.15)	0.2
3.1	3.1	3.1	3.1	2.6	3.1(0.15)	0
3.1	3.1	3.1	2.6	3.1	3.1(0.15)	0
3.1	3.1	2.6	3.1	3.1	3.1(0.15)	0
2.6	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
2.6	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
2.6	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0.2
3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0
3.1	3.1	3.1	3.1	3.1	3.1(0.15)	0
2.6	3.1	3.1	3.1	3.1	3.1(0.15)	0.2

Note:

- All capacitors are in µF unless otherwise noted. pF: µµF
- C board and D board resistors are in ohms, 1/4W unless otherwise noted, and other boards are in ohms, 1/6W unless otherwise noted. k: 1000Ω, M:1000kΩ
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : nonflammable resistor
- : fusible resistor
- : internal component
- : panel designation
- : adjustment for repair
- All voltage are in V.
- : B+ bus
- : B- bus
- Voltages are DC with respect to ground unless otherwise noted.
- Readings are taken with a 10MΩ digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltages on A and H1 boards are taken under conditions below:
 - The channel 1 is selected.
 - Volume control is set to no sound position.
 - Picture control is set to the first stage. (The first stage is the condition when the power switch sets to ON)
- Waveform on A board is taken with controls set to the first stage.
- Voltage variations may be noted due to normal production tolerances.
- Voltage on F board is taken with Q602 Emitter.