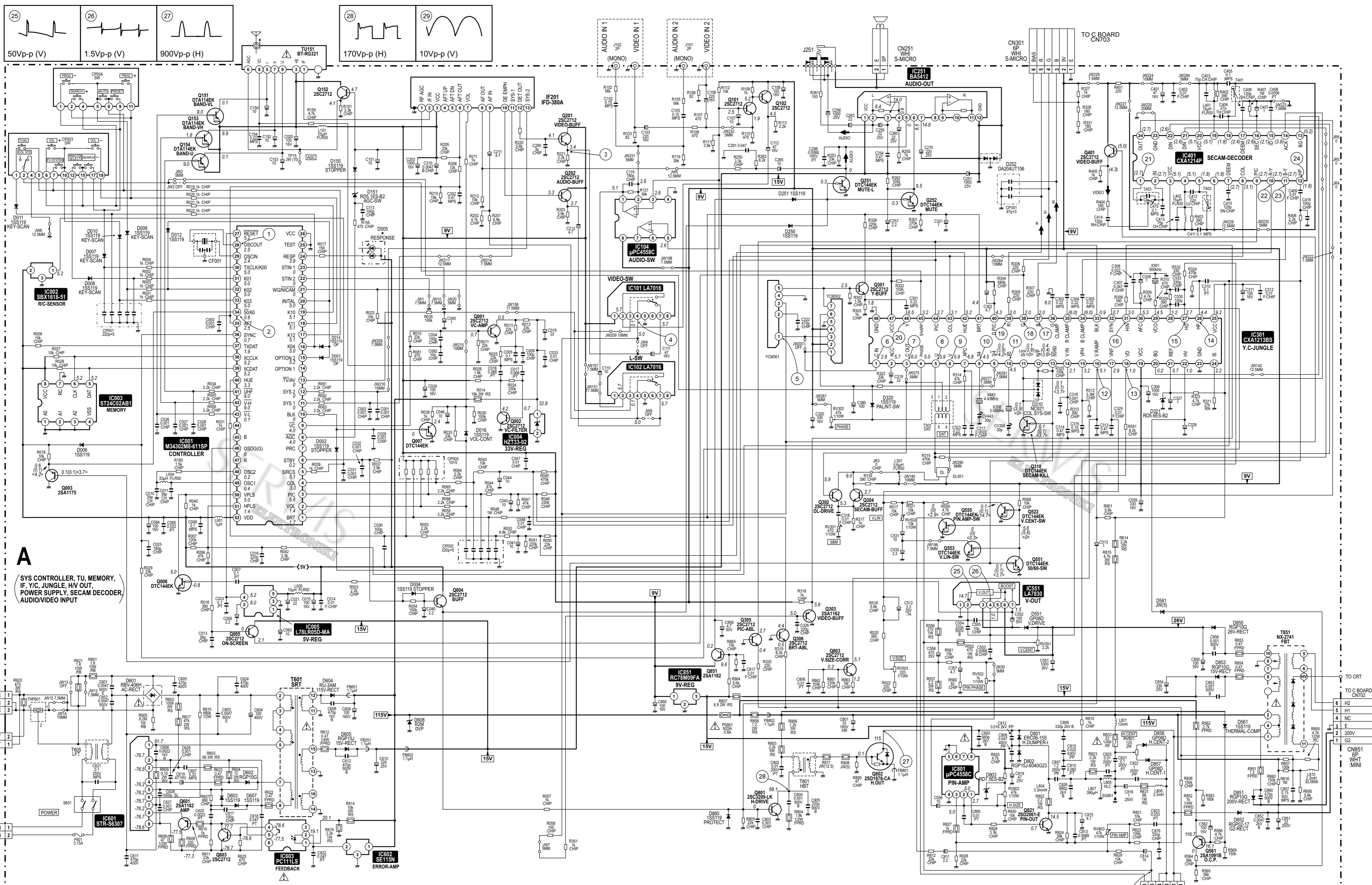
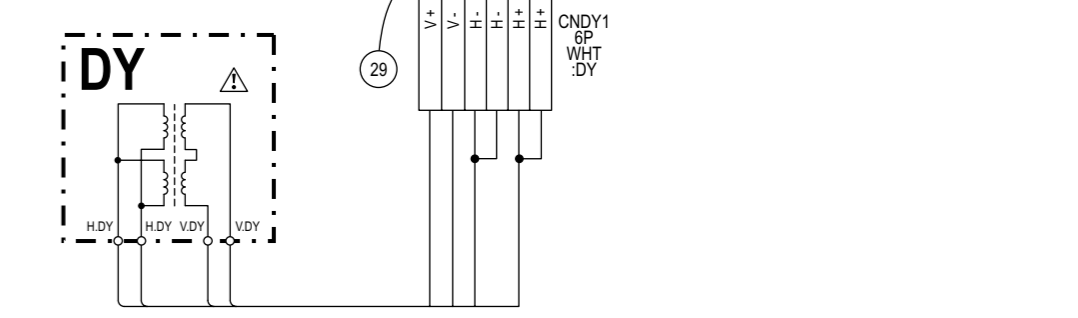


OTVC Sony KV-2185MT, KV2185MTJ chassis G3E

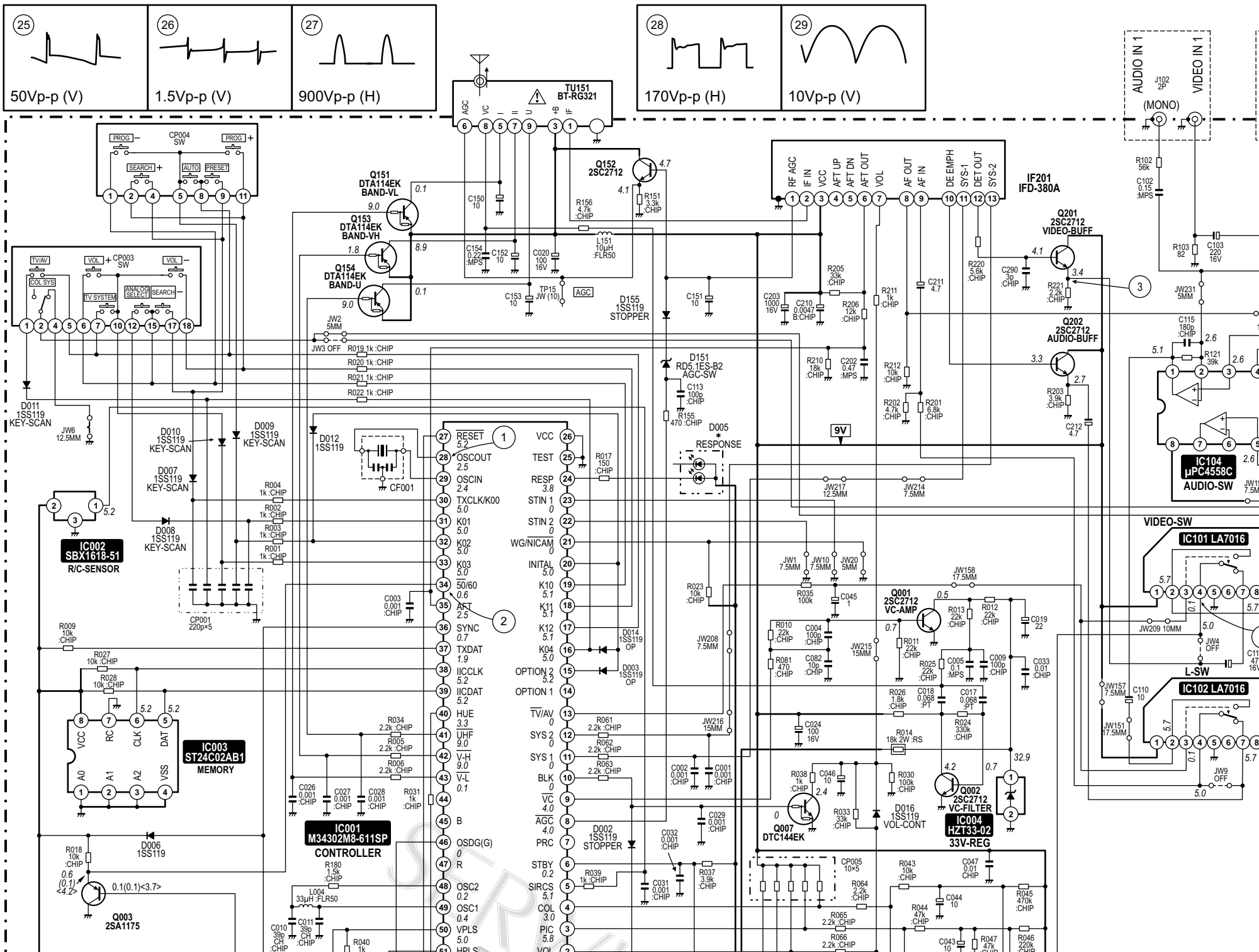


A (SYS CONTROLLER, TU, MEMORY, IF, Y.C. JUNGLE, H/V OUT, POWER SUPPLY, SECAM DECODER, AUDIOVIDEO INPUT)

1	2	3	4	5 PAL, NTSC	6 PAL, NTSC	7 PAL	8 PAL	9 PAL	10	11	12
6.0Vp-p (4.0MHz)	0.6Vp-p (H)	1.9Vp-p (H)	1.9Vp-p (H)	0.5Vp-p (H)	0.5Vp-p (H)	0.3Vp-p (H)	0.45Vp-p (H)	0.6Vp-p (H)	0.26Vp-p (4.43MHz)	0.16Vp-p (3.58MHz)	1.5Vp-p (H)
13	14	15	16	17	18	19	20	21 SECAM	22 SECAM	23 SECAM	24 SECAM
2.4Vp-p (V)	4.0Vp-p (H)	2.0Vp-p (H)	1.8Vp-p (H)	4.0Vp-p (H)	4.0Vp-p (H)	4.0Vp-p (H)	0.9Vp-p (H)	0.24Vp-p (H)	1.0Vp-p (H)	1.4Vp-p (H)	3.3Vp-p (H)



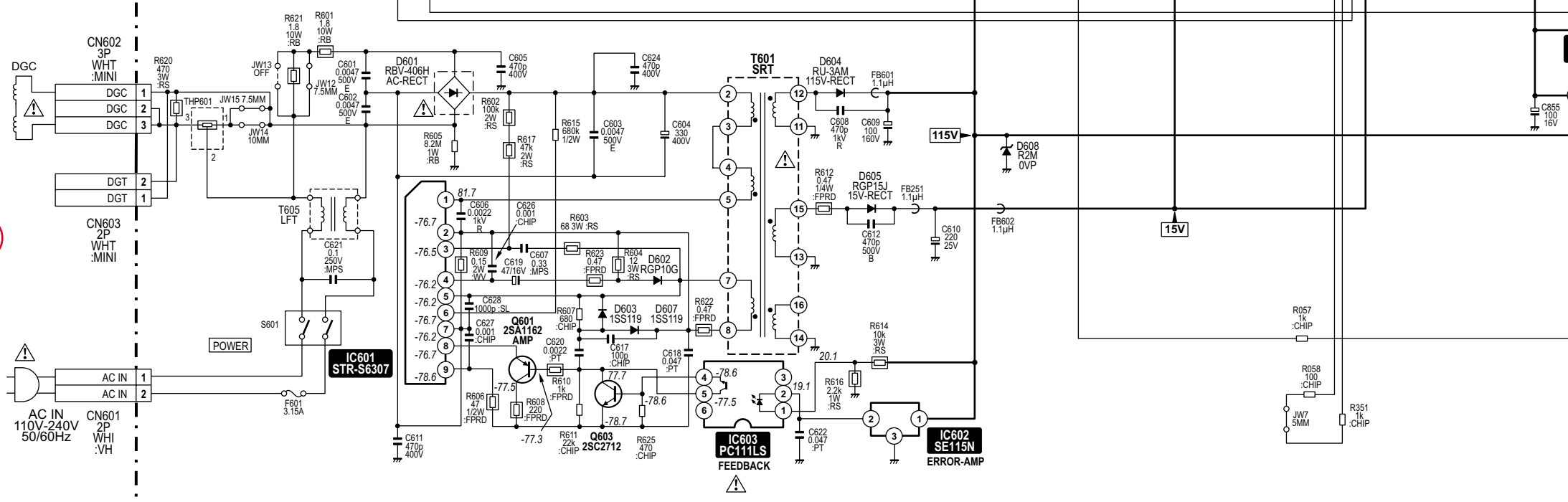
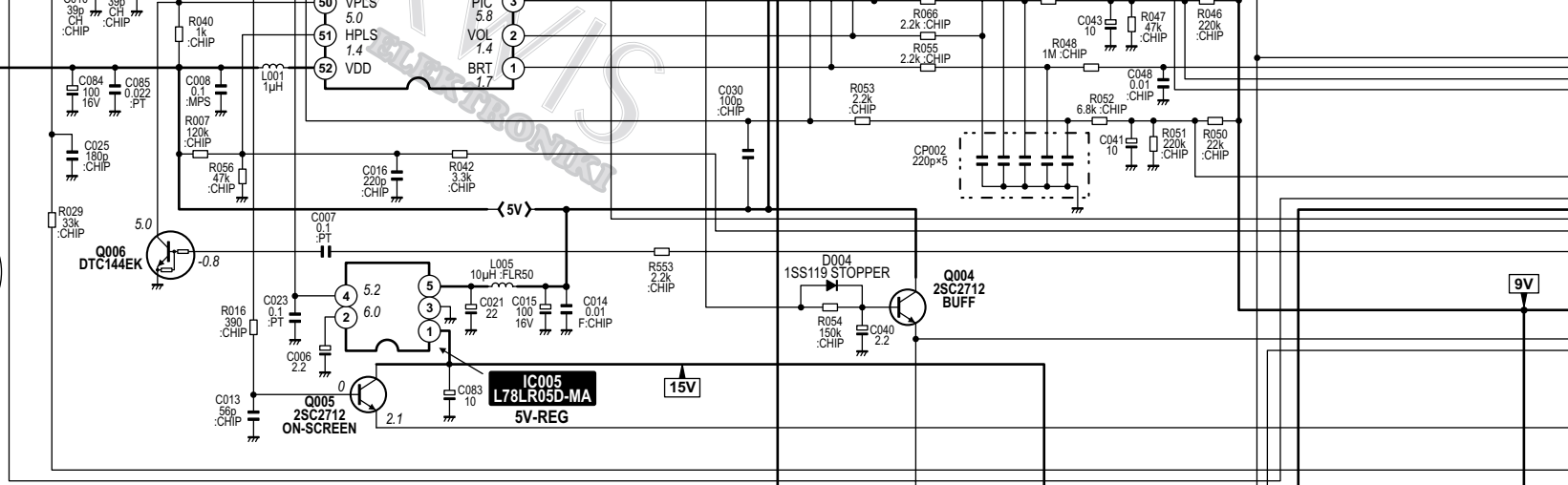
OTVC Sony KV-2185MT, KV2185MTJ chassis G3E



1

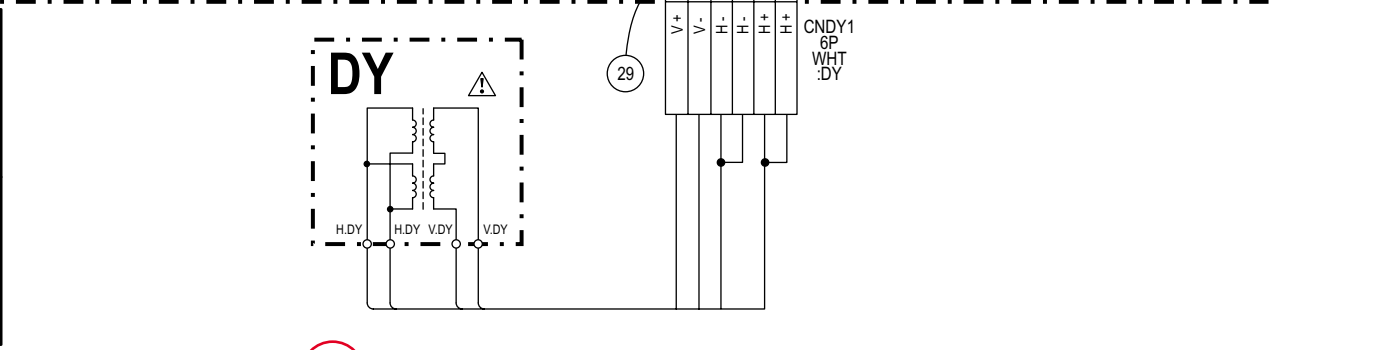
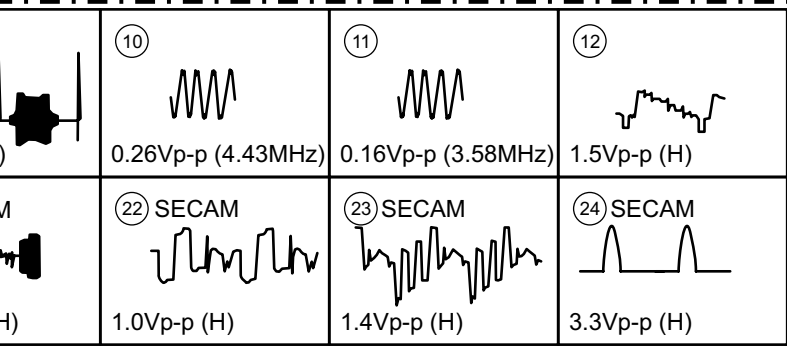
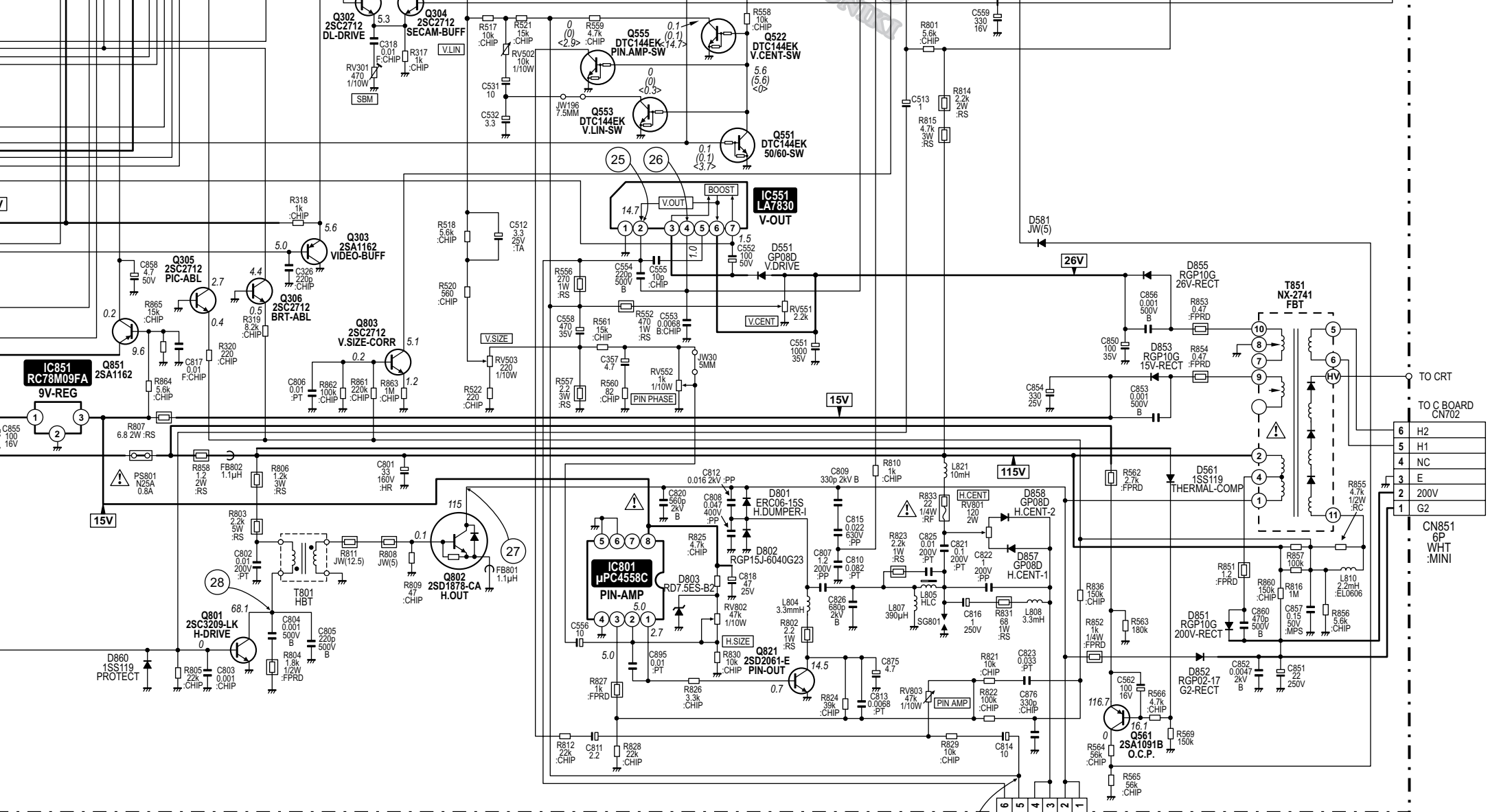
A

(SYS CONTROLLER, TU, MEMORY, IF, Y/C, JUNGLE, H/V OUT, POWER SUPPLY, SECAM DECODER, AUDIO/VIDEO INPUT)



① 6.0Vp-p (4.0MHz)	② 0.6Vp-p (H)	③ 1.9Vp-p (H)	④ 1.9Vp-p (H)	⑤ PAL, NTSC 0.5Vp-p (H)	⑥ PAL, NTSC 0.5Vp-p (H)	⑦ PAL 0.3Vp-p (H)	⑧ PAL 0.45Vp-p (H)	⑨ PAL 0.6Vp-p (H)
⑬ 2.4Vp-p (V)	⑭ 4.0Vp-p (H)	⑮ 2.0Vp-p (H)	⑯ 1.8Vp-p (H)	⑰ 4.0Vp-p (H)	⑱ 4.0Vp-p (H)	⑲ 4.0Vp-p (H)	⑳ 0.9Vp-p (H)	㉑ SECAM 0.24Vp-p (H)

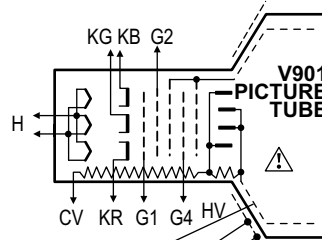
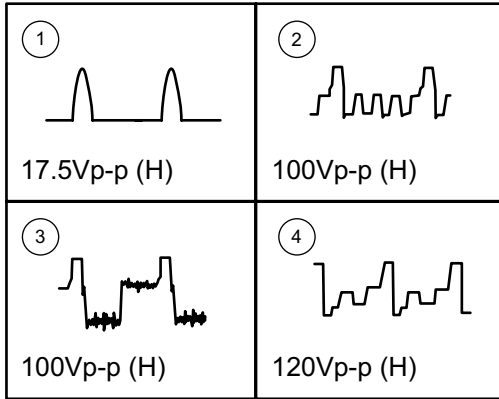
A



2

OTVC Sony KV-2185MT, KV2185MTJ chassis G3E

• C BOARD WAVEFORMS



Note

- All capacitors are in μF unless otherwise noted. $\text{pF}:\mu\text{F}$ 50 WV or less are not indicated except for electrolytic and tantalums.
- All resistors are in ohms. $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch: 5MM
Rating electrical power 1/4W

- : nonflammable resistor
- : internal component
- : panel designation, or adjustment for repair
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : earth-chassis

Note: The components identified by the mark are critical for safety. Replace only with part number specified.

Reference information:

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
	:	ADJUSTMENT RESISTOR
COIL	: LF-8	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

- Readings are taken with a color-bar signal input. no mark: with PAL color-bar signal received. (): with SECAM color-bar signal received. < >: with NTSC3.58 color-bar signal received.
- Readings are taken with a 10M Ω digital multimeter.
- Voltage are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- Circled numbers are waveforms references.
- : B+ bus
- : signal path (RF).

