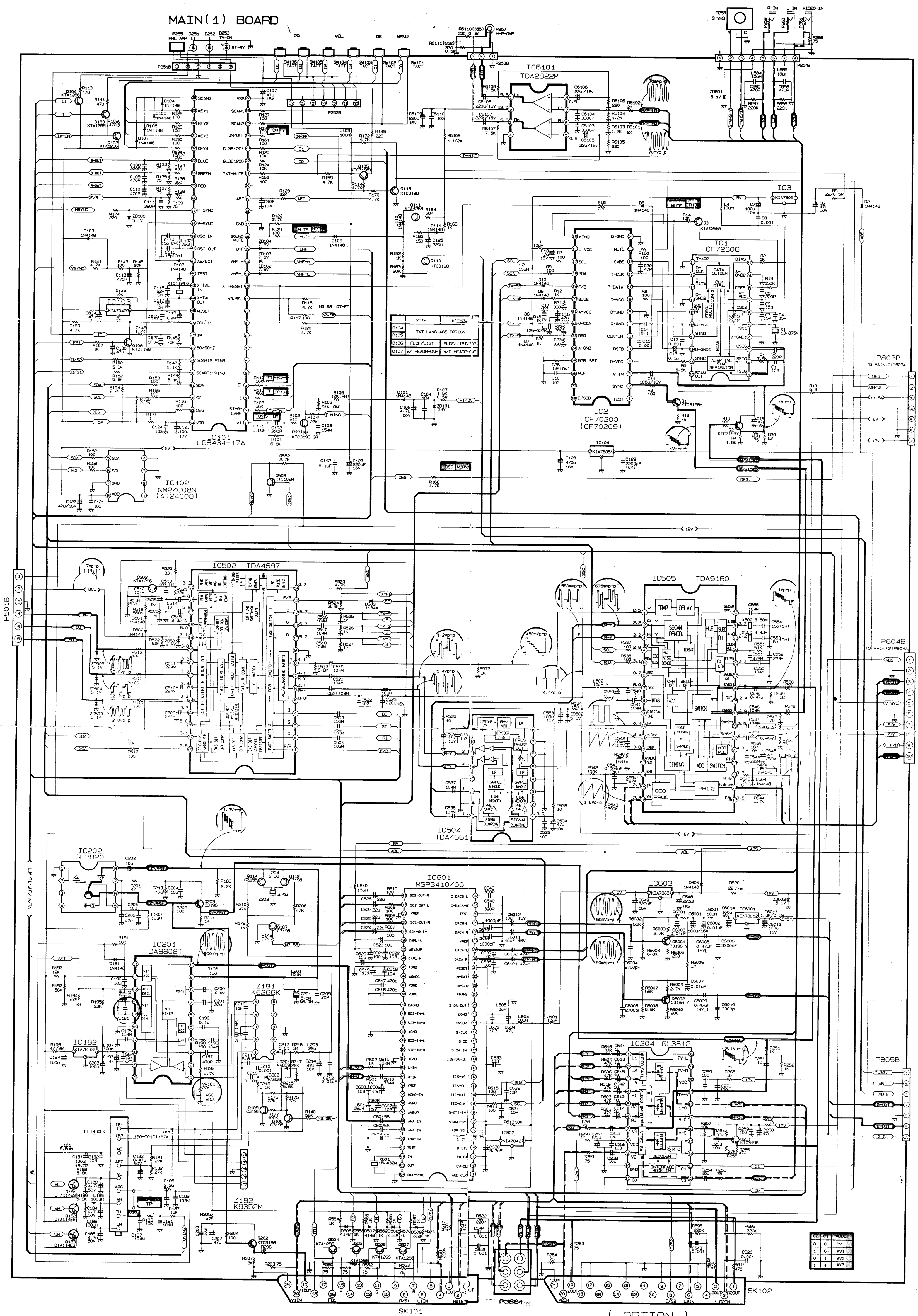


SCHEMATIC DIAGRAM(MC51B, MAIN)

25C76,



ADJUSTMENT

WAVEFORM

SOUND, SIF

CHROMA

CVBS, PIF

HORIZONTAL

EXT. SOUND

EXT. CHROMA

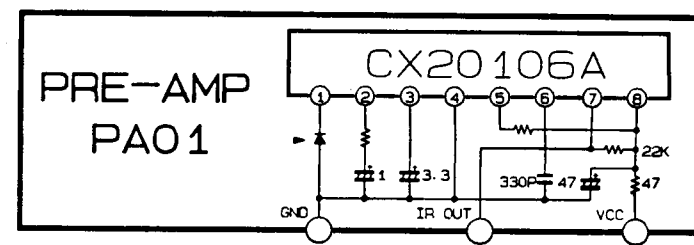
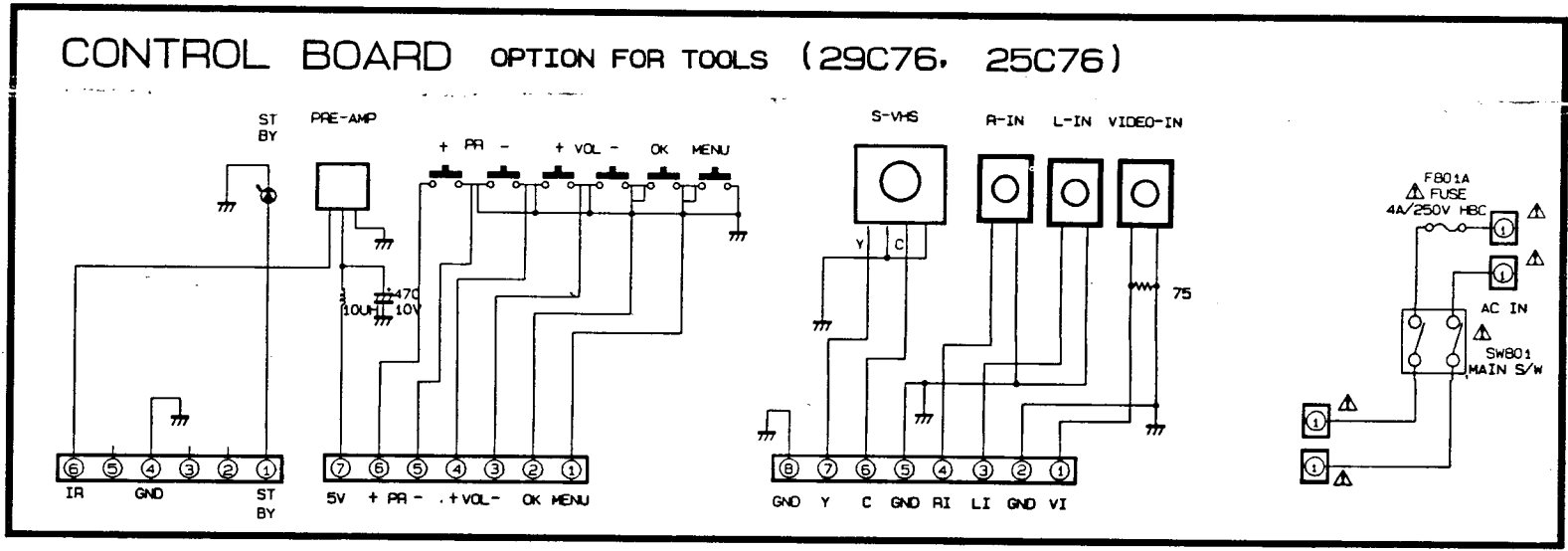
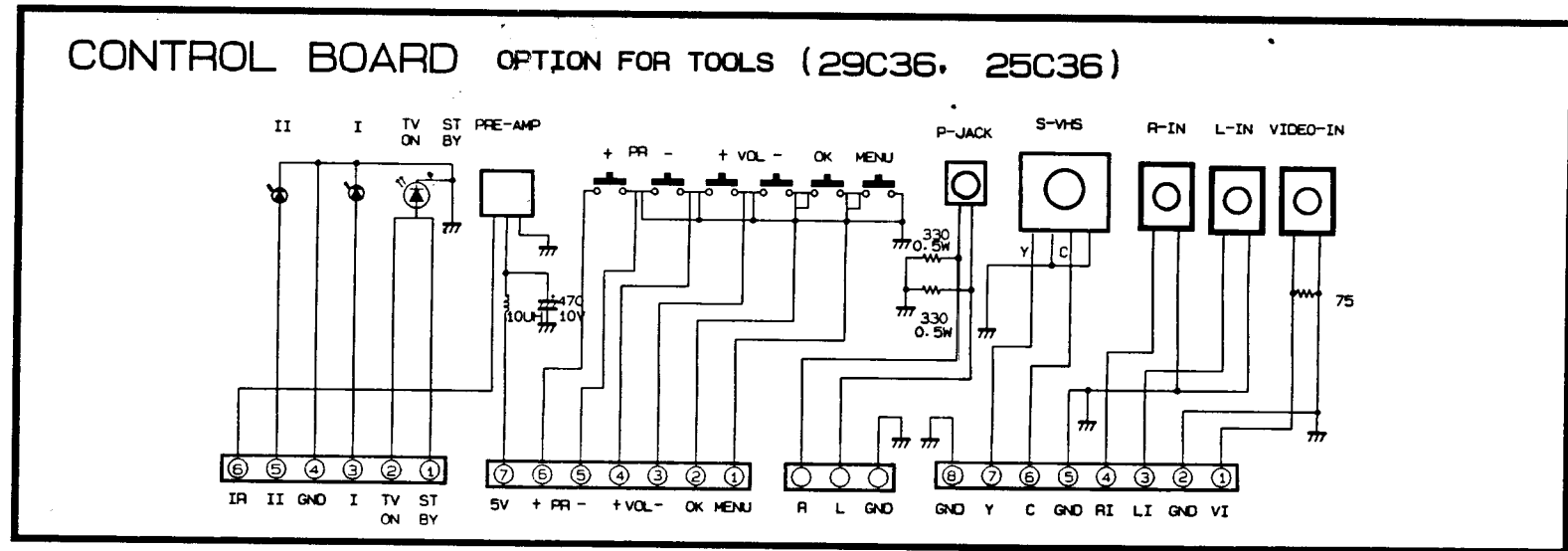
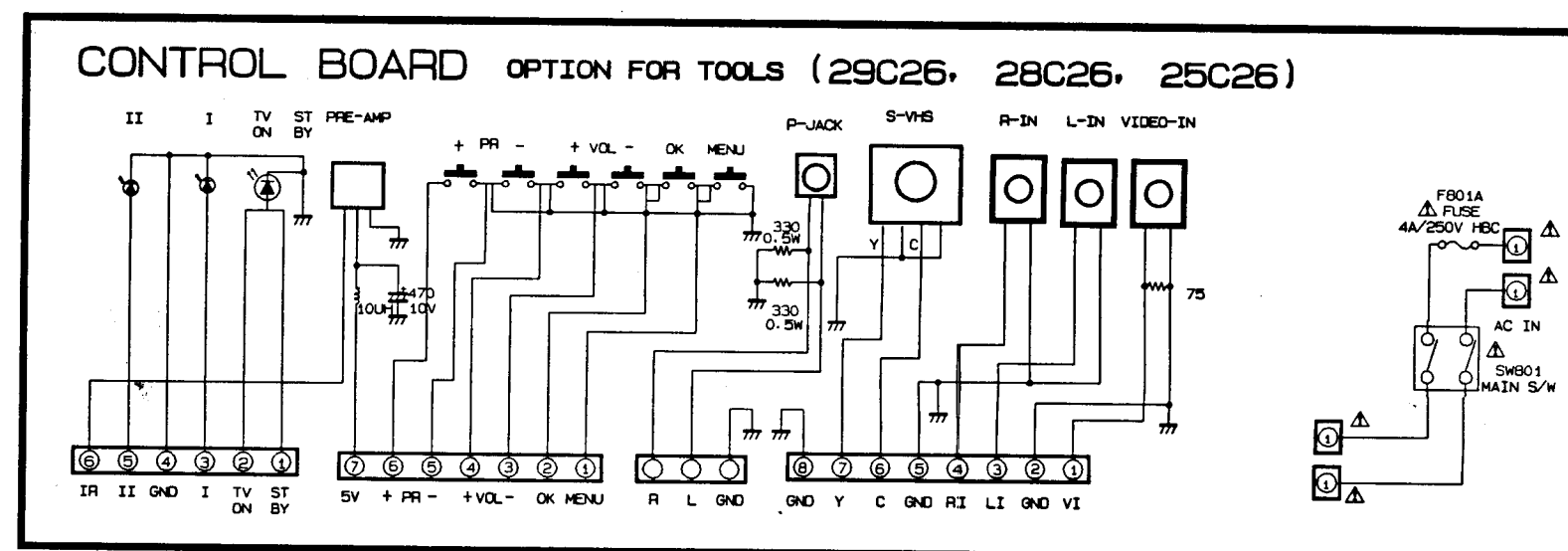
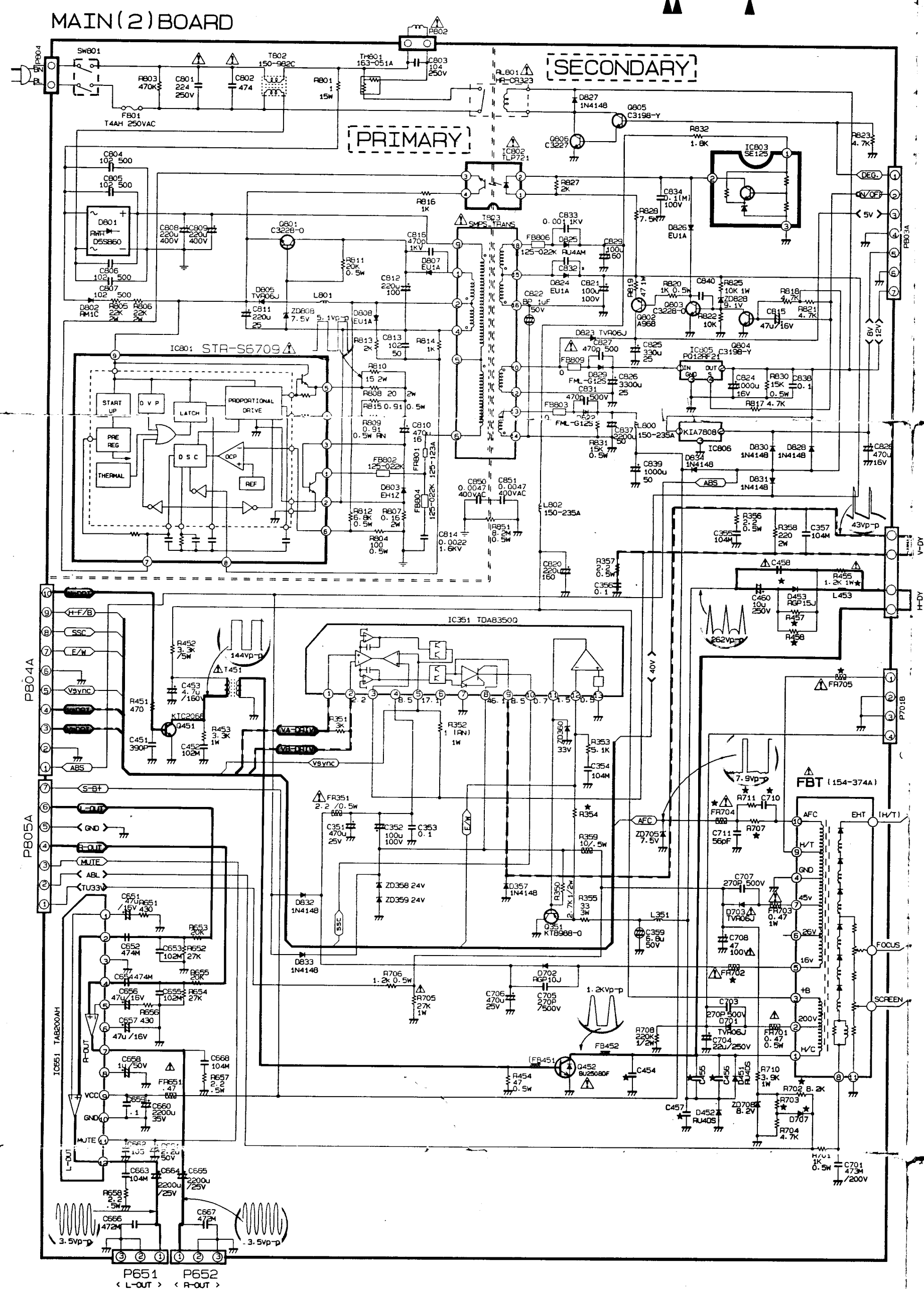
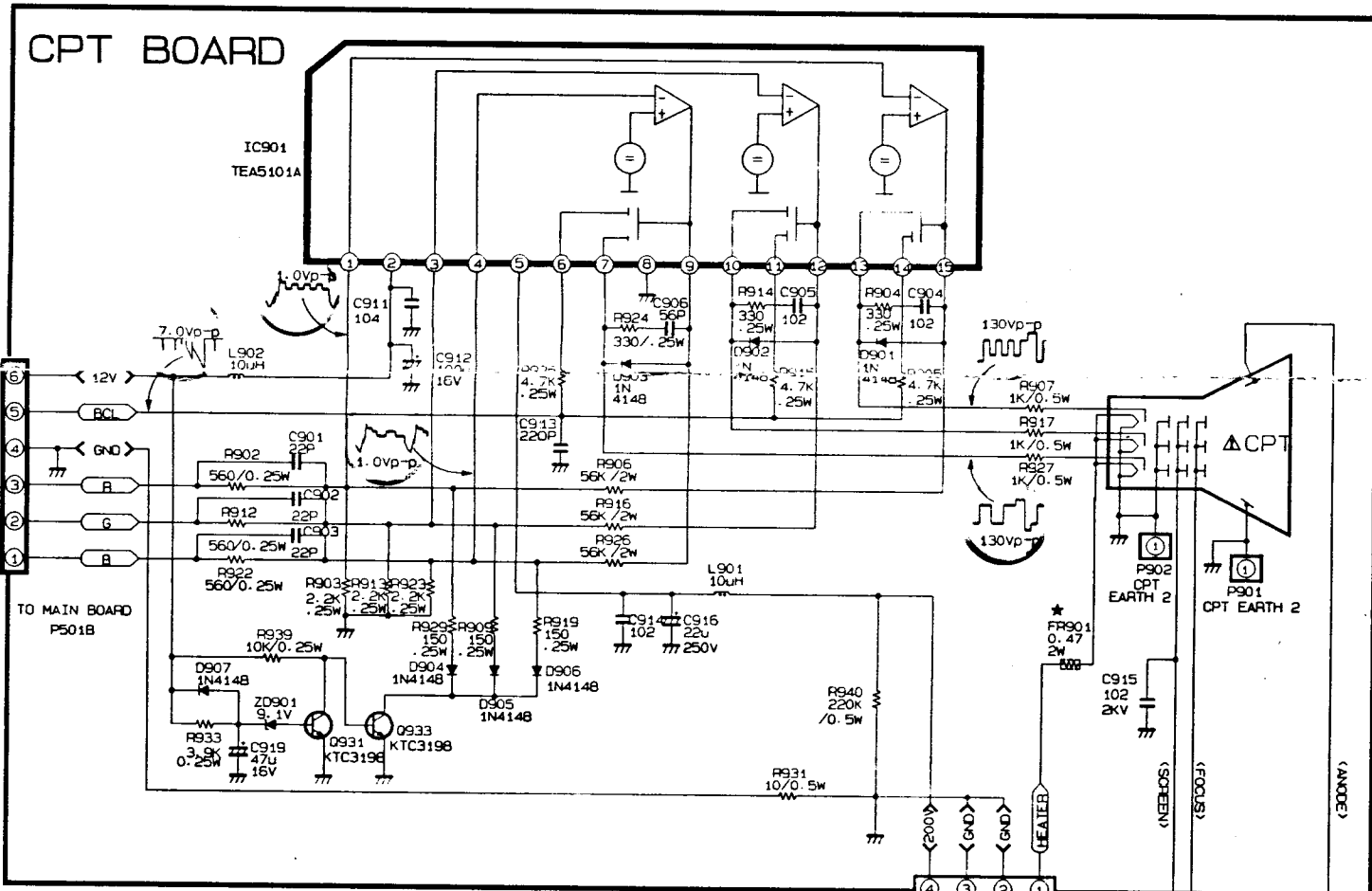
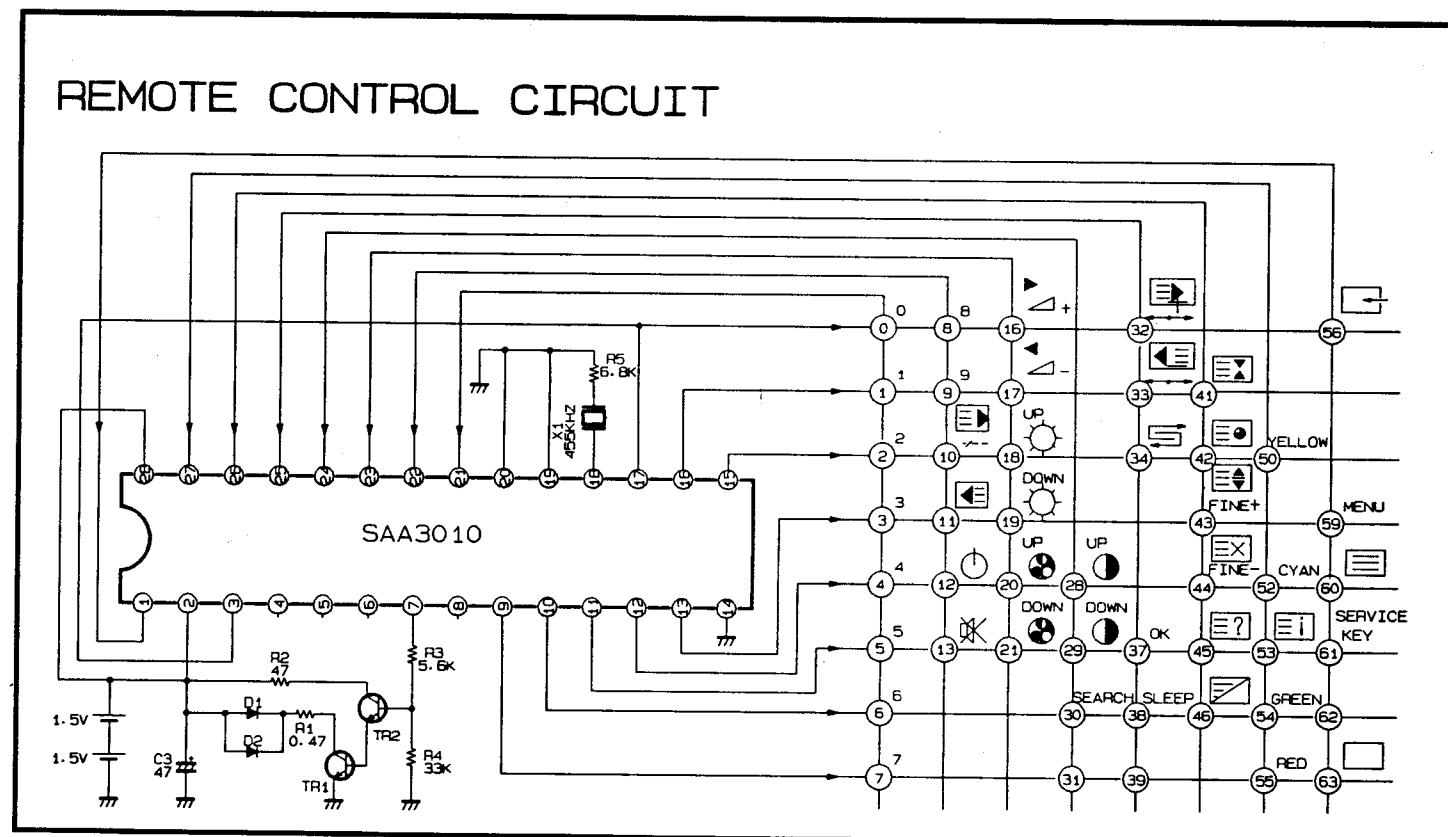
EXT. CVBS

VERTICAL

P/N : 484-919A-S1

DATE : JAN., 1996

SCHEMATIC DIAGRAM(MC51B, SUB)



NOTICE

Since this is basic circuit diagram. The value of components and some partial connection are subject to change for improvement without notice.

The components marked Δ conform to VDE or IEC guide-lines and are essential for safe operation of the TV receiver. While those marked Δ are required for correct operation. Use specified parts only when replacing.

Value of resistor, capacitor and inductor

- Resistances are shown in ohm. K=1,000. M=1,000,000.
- Unless otherwise noted in schematic. All capacitor values less than 1 are expressed in pF and the values more than 1 in pF.
- Unless otherwise noted in schematic. all inductor values more than 1 are expressed in uH and the values less than 1 in Henry(H).

Observation of voltages and waveforms

- Voltages read with VTVM from point to chassis ground. line voltage is 230V $\pm$ 20% volts. signal pattern is colour-bar.
- The schematic shown is representative only.
- All waveforms are taken using a wide band oscilloscope and a low capacity probe.
- Check FINE TUNING, AGC, CONTRAST, BRIGHTNESS and COLOUR controls for best picture. make sure that COLOUR and BRIGHTNESS are in mid-point and CONTRAST is in 75%.
- Waveforms are taken using a standard colour signal.

★ INCH CONVERSION PARTS

CIR.-NO	25INCH	28INCH	29INCH
C454	MPP1.6K222	MPP2K222	MPP1.6K102
C455	MPP1.6K552	PP1.6K102	MPP1.6K822
C456	MPP1.6K352	MPP2K103	MPP1.6K852
C457	PE400V223	PE400V333	PE400V333
C458	MP240V0.024	MP240V0.024	MP240V0.024
L453	150-L01E	150-L01U	150-L01D
R351	RN1/6W3.3K	RN1/6W3K	RN1/6W3K
R702	RD1/6W5.1K	RD1/6W4.7K	RD1/6W5.1K
FR702	RF2W1	RF1W0.47	RF1W0.47
FR705	RF2W1.2	RF2W5.6	RF2W1.2
R707	RD1/6W3.9K	RD1/6W5.1K	RD1/6W5.1K
R709	RD1/6W5.1K	RD1/6W5.1K	RD1/6W5.1K
FR704	RS1W2.7K	TIN WIRE	RS1W2.7K
R711	RD1/6W4.7K	TIN WIRE	RD1/6W4.7K
C710	C450V50P	C65P2	C450V50P
R354	RD1/6W5.1K	RD1/6W5.1K	RD1/6W5.1K

Troubleshooting

