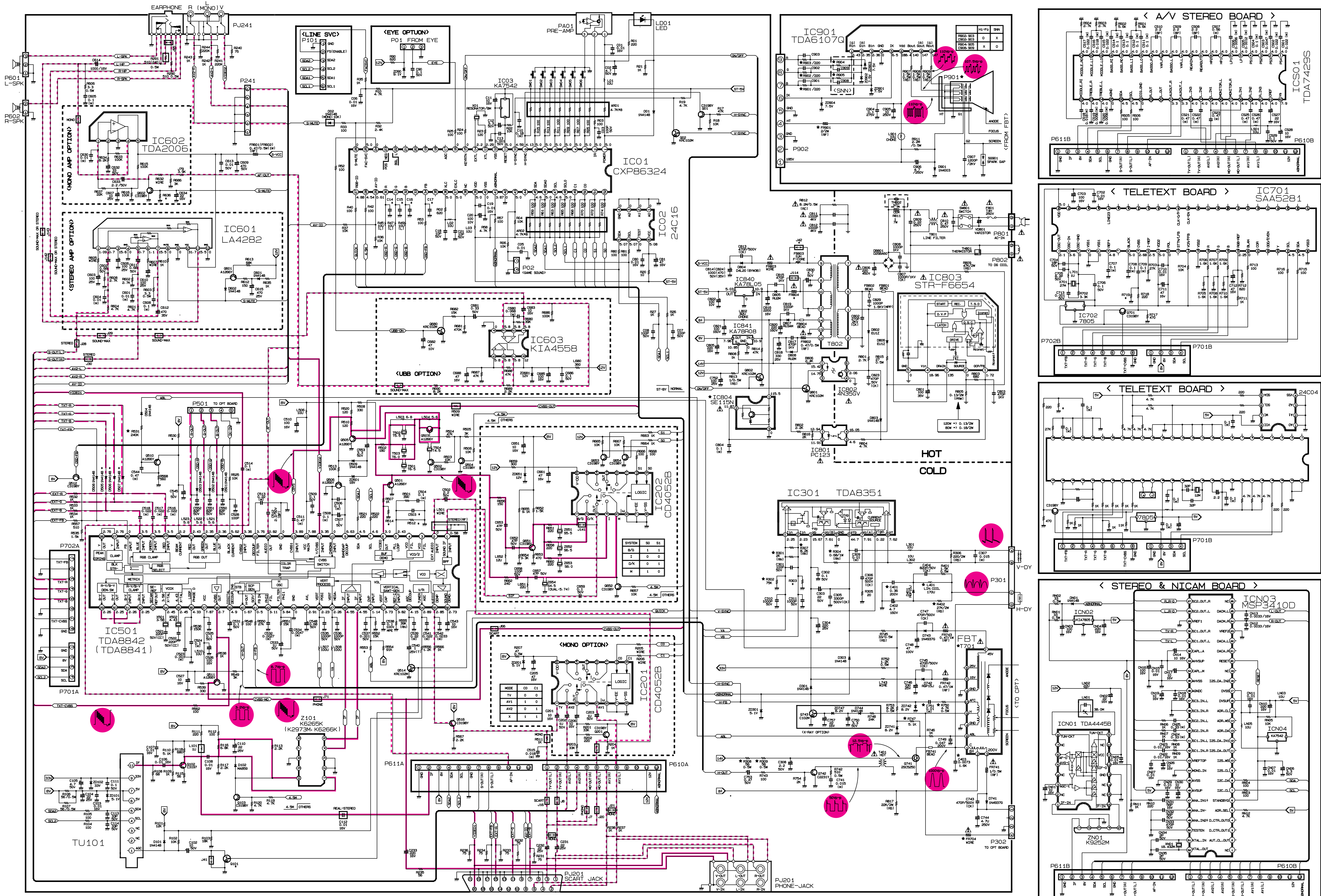


# Service Sheet of MC-84A



**NOTICE**

Since this is a basic schematic diagram, the value of components and some partial connection are subject to be changed for improvement without notice.

The components marked  $\Delta$  conform VED or TEC guidelines and essential for safe operation of the TV receiver. While those marked  $\Delta$  are required for correct operation, use specified parts only when replacing.

**VALUE OF RESISTOR, CAPACITOR AND INDUCTOR**

- Resistor is shown in ohm, K=1,000 M=1,000,000
- Unless otherwise noted in schematic, all capacitor values are expressed in  $\mu$ F.
- Unless otherwise noted in schematic, all inductor values are expressed in  $\mu$ H.

**OBSERVATION OF VOLTAGE AND WAVEFORMS**

- Voltages read with VTVM from point to ground. Line voltages 180 ~ 270 volts color bar signal.
- Voltages reading may vary  $\pm 5\%$ .
- The schematic shown is representative only.
- All waveforms are taken using a wide band oscilloscope and a 50 $\Omega$  capacity probe.
- Check FINE TUNING, AGC, BRIGHTNESS, CONTRAST and COLOR controls for their position. Read new their BRIGHTNESS and COLOR controls are in mid position and CONTRAST controls is always in maximum position.
- Waveforms are taken using a standard color signal.

**TABLE OF INCH CONVERSION** | \* : changing parts

NO.	21" (L)	20" (L)	14" (L)	21" (OR)	20" (OR)	14" (OR)	NO.	21" (L)	20" (L)	14" (L)	21" (OR)	20" (OR)	14" (OR)
T701	61742-8005A	61742-8005E	61742-8005F	61742-8005E	61742-8005F	61742-8005F	R747	RD 5.1K	RD 4.7K	RD 6.8K	RD 5.1K	RD 4.7K	RD 6.8K
C401	MPP 0.36/200V	MPP 0.47/200V	MPP 0.47/200V	MPP 0.36/200V	MPP 0.47/200V	MPP 0.47/200V	R903	RD 75K	RD 75K	RD 100K	RD 100K	RD 100K	RD 6.8K
L401	L701 150-1000	L701 150-1000	L701 150-1000	L701 150-1000	L701 150-1000	L701 150-1000	R931	RD 240K	RD 240K	RD 100K	RD 240K	RD 240K	RD 100K
C403	0.0075/1.6KV	0.0075/1.6KV	0.0085/1.6KV	0.0075/1.6KV	0.0075/1.6KV	0.0075/1.6KV	R938	RD 55/0.5M	RD 55/0.5M	RD 75/0.5M	RD 55/0.5M	RD 55/0.5M	RD 75/0.5M
L403	6620/B0001A	6620/B001A	6620/B001A	6620/B001A	6620/B001A	6620/B001A	R950	RD 4.7K/0.5M	RD 4.7K/0.5M	RD 4.7K/0.5M	RD 4.7K/0.5M	RD 4.7K/0.5M	RD 4.7K/0.5M
SE10A	SE115N	SE115N	SE115N	SE115N	SE115N	SE115N	H402	RD 27K/2M	RD 27K/2M	RD 27K/2M	RD 27K/2M	RD 27K/2M	RD 27K/2M
R901	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220	R951	RD 2K	RD 2K	RD 2K	RD 2K	RD 2K	RD 2K
R902	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220	R957	RD 8.2K	RD 8.2K	RD 8.2K	RD 8.2K	RD 8.2K	RD 47K
R903	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220	R958	RD 0.68/1M	RD 1.0/1M	RD 1.0/1M	RD 1.0/1M	RD 0.68/1M	RD 0.68/1M
R904	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220	C751	M 0.01U	M 0.01U	M 0.01U	M 0.01U	M 0.01U	M 0.01U
R905	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220							

Service Sheet of MC-84A  
P/N : 3854VA0037A-S  
(980427)

— Video (Composite)  
- - - Sound  
- - - Chroma

WAVEFORM