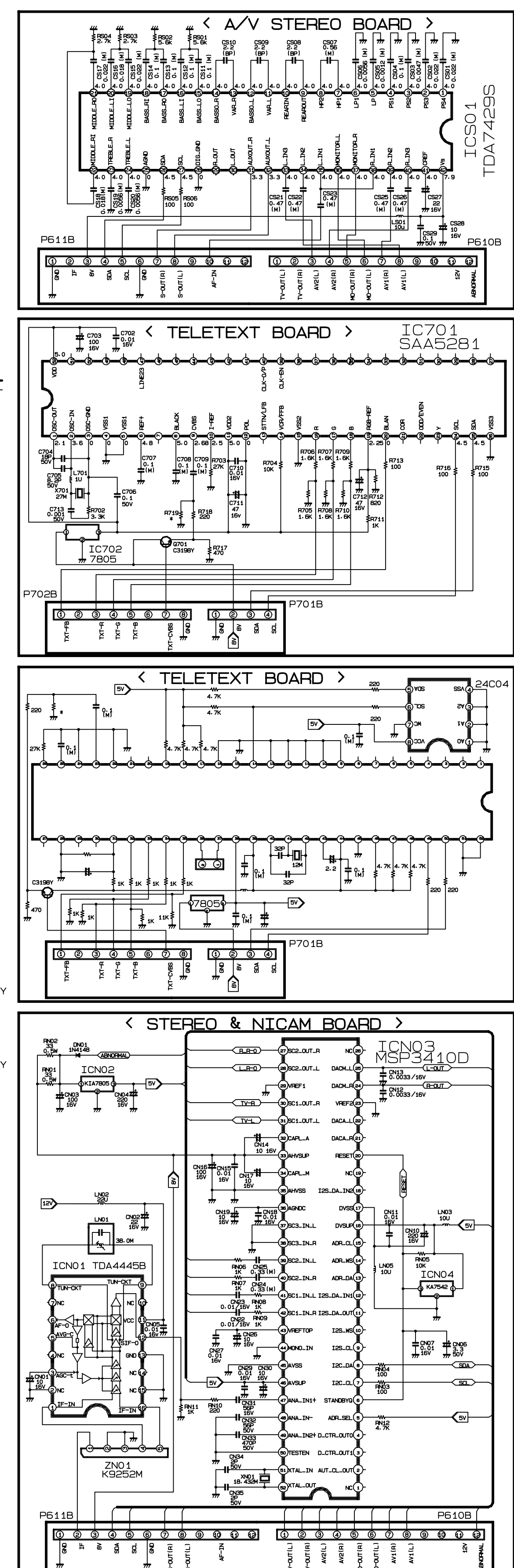
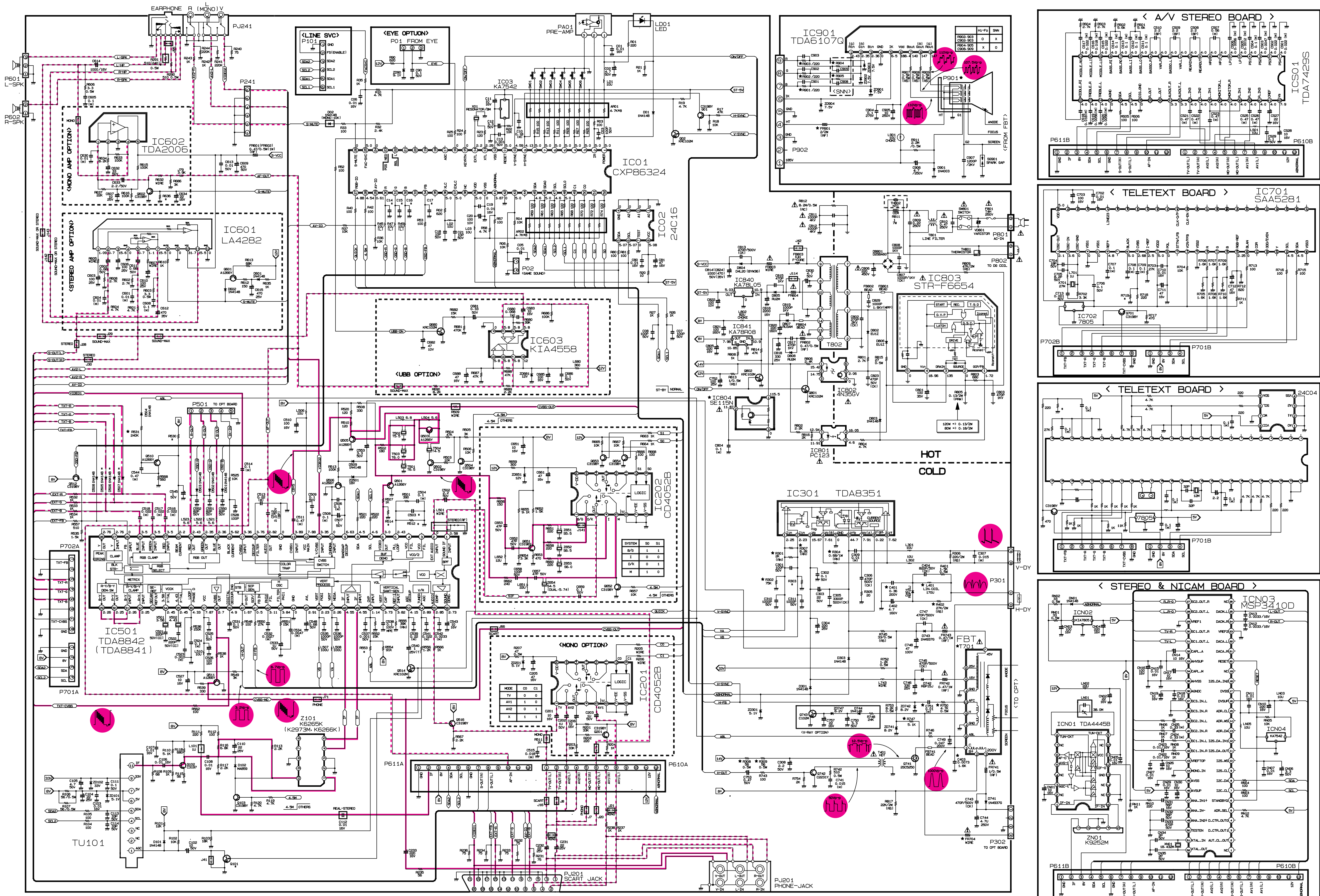


Service Sheet of MC-84A



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.

VALUE OF RESISTOR, CAPACITOR AND INDUCTOR
 1. Resistor is shown in ohm, K=1,000 M=1,000,000
 2. Unless otherwise noted in schematic, all capacitor values are expressed in uF.
 3. Unless otherwise noted in schematic, all inductor values are expressed in uH.

OBSERVATION OF VOLTAGE AND WAVEFORMS
 1. Voltages read with VTVM from point to ground line voltages 180° - 270 volts color bar signal.
 2. Voltages reading may vary V% acc.
 3. The schematic shown is representative only.
 4. All waveforms are taken using a wide band oscilloscope and a 50 ohm capacity probe.
 5. Check FINE TUNING, AGC, BRIGHTNESS, CONTRAST and COLOR controls for their position. Make sure their BRIGHTNESS and COLOR controls are in their mid position and CONTRAST controls is always in maximum position.
 6. Waveforms are taken using a standard color signal.

TABLE OF INCH CONVERSION (* : changing parts)

NO.	21" (L3)	20" (L3)	14" (L3)	21" (ORION)	18" (ORION)	14" (ORION)
T701	61742-8005A	61742-8005E	61742-8005F	61742-8005E	61742-8005F	61742-8005F
CA21	MPP 0.36/200V	MPP 0.47/200V	MPP 0.43/200V	MPP 0.36/200V	MPP 0.47/200V	MPP 0.36/200V
LA21	170U 150V-L026	170U 150V-L026	170U 150V-L026	170U 150V-L026	170U 150V-L026	170U 150V-L026
CA23	0.0075/1.0KV	0.0075/1.0KV	0.0085/1.0KV	0.0075/1.0KV	0.0075/1.0KV	0.0075/1.0KV
P901	6620V80021A	6620V8001A	6620V8001A	6620V80021A	6620V8001A	6620V8001A
IC204	SE115N	SE115N	SE115N	SE115N	SE115N	SE115N
R901	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220
R902	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220
R903	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220
R904	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220
R905	RD 220	RD 220	RD 220	RD 220	RD 220	RD 220

NO.	21" (L3)	20" (L3)	14" (L3)	21" (ORION)	20" (ORION)	18" (ORION)	14" (ORION)
R747	RD 5.1K	RD 4.7K	RD 6.8K	RD 5.1K	RD 5.1K	RD 6.8K	RD 6.8K
R906	RD 75K	RD 75K	RD 10K	RD 100K	RD 100K	RD 75K	RD 75K
R907	RD 240K	RD 240K	100K	RD 240K	RD 240K	RD 100K	RD 100K
IC908	RD 55/0.5M	RD 55/0.5M	RD 75/0.5M	RD 55/0.5M	RD 55/0.5M	RD 75/0.5M	RD 75/0.5M
R909	RD 55/0.5M	RD 55/0.5M	RD 75/0.5M	RD 55/0.5M	RD 55/0.5M	RD 75/0.5M	RD 75/0.5M
R750	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	RD 4.7K/0.5M
R402	RD 27K/2M	RD 27K/2M	RD 27K/2M	RD 27K/2M	RD 27K/2M	RD 27K/2M	RD 27K/2M
R910	RD 10K	RD 10K	RD 10K	RD 10K	RD 10K	RD 10K	RD 10K
R907	RD 8.2K	RD 8.2K	RD 3.9K	RD 8.2K	RD 8.2K	RD 47K	RD 47K
R904	RD 0.68/1M	RD 1.0/1M	RD 0.68/1M	RD 1.0/1M	RD 1.0/1M	RD 0.68/1M	RD 0.68/1M
C751	M 0.01U	M 0.01U	M 0.01U	M 0.01U	M 0.01U	M 0.01U	M 0.01U

NO.	21" (L3)	20" (L3)	14" (L3)	21" (ORION)	20" (ORION)	18" (ORION)	14" (ORION)
FR001	RF 2.0/2M	RF 2.0/2M	RF 2.2/2M	RF 2.0/2M	RF 2.0/2M	RF 3.3/2M	RF 3.3/2M
FR004	MRE	MRE	MRE	MRE	MRE	MRE	MRE

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

