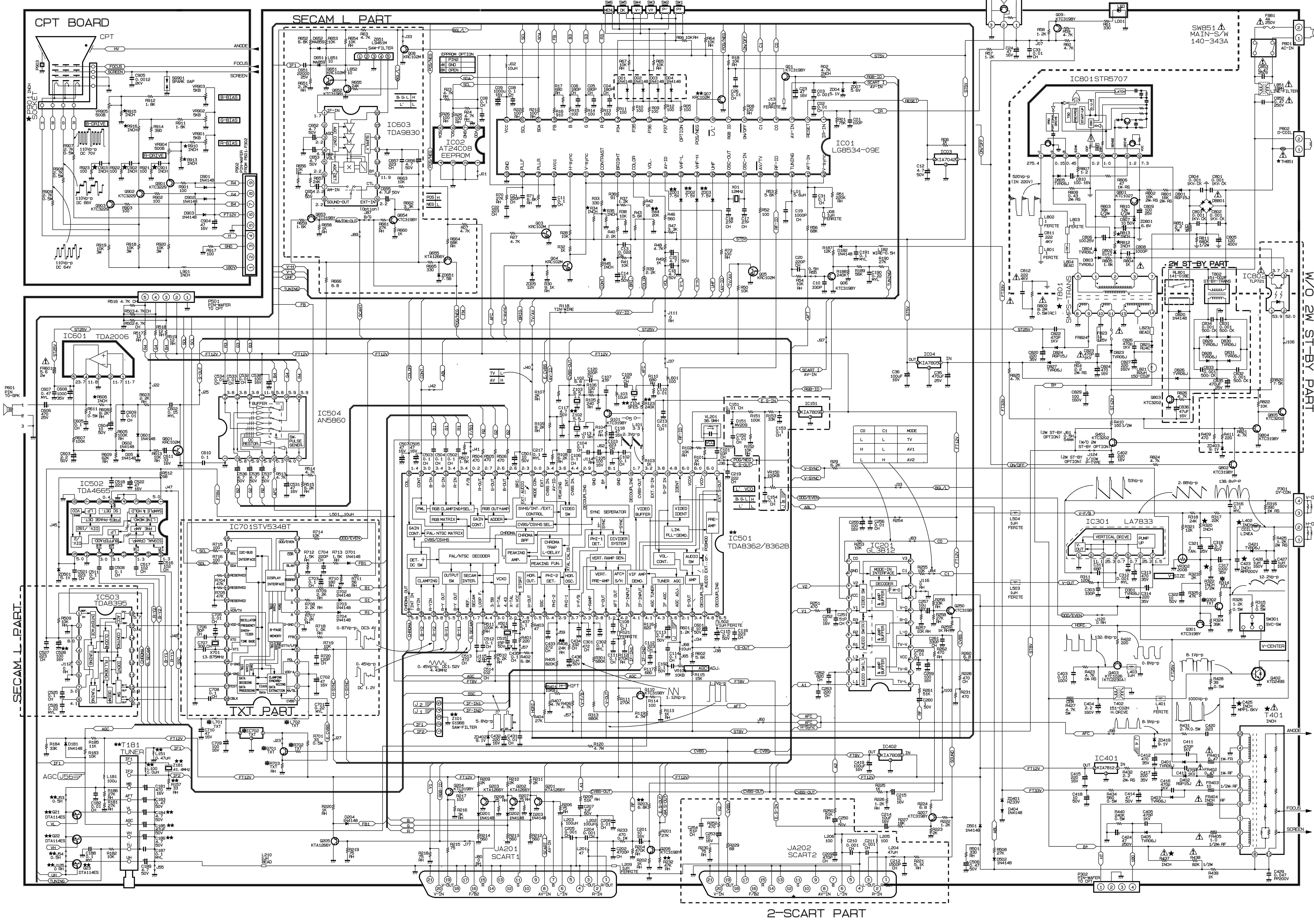
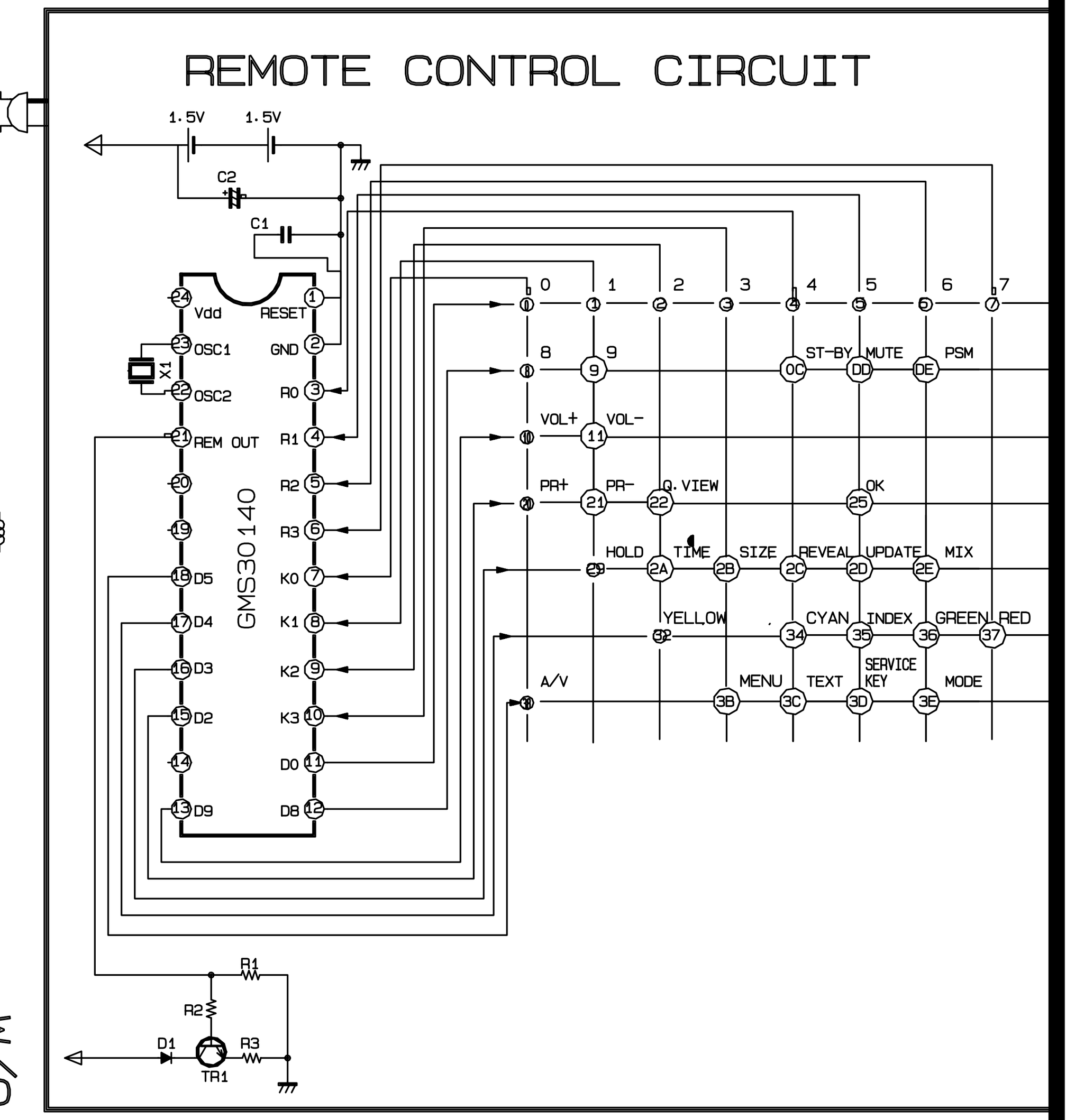
SCHEMATIC DIAGRAM(PC-53A)





★★TABLE OF SYSTEM CONVERSION

CIRCUIT NO.	SYSTEM PAL/SECAM - B/G	SYSTEM PAL/SECAM - B/G+LL'	SYSTEM PAL - I	REMARK
R232	47K	20K	47K	RH 1/10W
R203	6.8K	3.9K	6.8K	RD 1/6W
C185	4.7uF	47uF	4.7uF	CE 50V
R123	-	240K	-	RD 1/6W
R44	20K	10K	20K	RD 1/6W
R408	24K	15K	24K	RD 1/6W
L103	10uH	12uH	10uH	COIL
C528	100uF	47uF	100uF	CE 16V
Z101	166-250B	166-250B	166-A01N	SAW FILTER
IC501	TDA8362B	TDA8362	TDA8362B	IC
T181	113-238K	113-238K	113-238L	TUNER
L100	150-C01F	150-C01C	150-C01G	CHOKE COIL
Z104	166-B02C	166-B02C	166-B02D	FILTER
Z102	166-C02C	166-C02C	166-C02D	FILTER
TIN WIRE	J53, 54, 71 73, 87	J30, 33, 34 43, 53, 54	J53, 54, 87 125	
ZD 01 02 03	ZENER DIODE 7.5V			PAL/SECAM - B/G & B/G+LL' COMMON
C 184 186	CE 4.7uF 50V			PAL/SECAM - B/G & B/G+LL' COMMON
Q 21 22 23	TR DTA114ES			PAL/SECAM - B/G & B/G+LL' COMMON
R157	RH 33. 1/10W			PAL/SECAM - B/G & B/G+LL' COMMON
L151	COIL 0.47uH			PAL/SECAM - B/G & B/G+LL' COMMON
Z181			166-C06B	FILTER
Q 07			KRC102M	TR

u - COM OPTION

		SYSTEM B/G	SYSTEM L/L'	SYSTEM I	REMARK
SCART	2-SCART	-	D01	D02	D01, 02, 03 1N4148
SCART	1-SCART	D03	D01 D03	D02 D03	D04: ACMS plus

NOTICE

Since this is Basis Schematic Diagram the value of components and some partial connection are subject to be changed for improvement without notice.

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

※TABLE OF TXT CONVERSION

	WITH TXT MODEL	WITHOUT TXT MODEL
IC702	KIA 7805 PI	KIA 78L05 BP
L701	10uH COIL	TIN WIRE
L702	10uH COIL	
R702	RD 75 1/6W	
R703	RH 1.5K 1/10W	
R314	RD 10K 1/6W	
C120	CN 180P	
Q701	KTC 3198-Y	
Q302	KTC 3198-Y	

Value of resistor, capacitor and inductor

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

★TABLE OF INCH CONVERSION

CIRCUIT NO.		INCH 14" (PHILIPS)	INCH 20" (SEB)	INCH 21" (SEB)	REMARK
L402		150-L02B	150-L01Z	150-L02C	COIL
L901		TIN WIRE	150-C02A	150-C02B	COIL
T801		151-B06J	151-B06J	151-B06M	TRANS
T401		154-308A	6174Z-8001A	6174Z-8002A	FBT
C423		0.5uF	0.39uF	0.39uF	MPP 200V
C425		0.006uF	0.01uF	0.0082uF	MPP 1600V
P901		381-100F	381-226E	381-226E	SOCKET
C901		270	270	220	CN 50V
C902		270	220	150	CN 50V
C903		270	220	220	CN 50V
R320		560	560	430	RD 1/6W
R34		2.7K	1.5K	1.5K	RD 1/6W
R35		12K	22K	27K	RD 1/6W
R322		2.2	2.2	1.5	RD 1/2W
R812		15	15	9.1	RD 1/2W
FR404		3.9	0.68	1.4	FR 2W
R437		75K	100K	82K	RD 1/2W
R813		TIN WIRE	TIN WIRE	9.1	RD 1/2W
R910		1.8K	1.8K	820	RD 1/6W
R913		390	330	430	RD 1/6W
R915		300	300	330	RD 1/6W
R916		180	150	220	RD 1/6W
R606	BG/I	82K	91K	91K	RD 1/6W
R606	LL'	62K	100K	100K	RD 1/6W
TH851		163-054A	163-054A	163-056C	THERMISTOR
R45		2.2K	2.2K	6.2K	RD 1/6W
R425		1.2K 2W	5.6K 1W	5.6K 1W	RS

Observation of voltages and waveforms

1. Voltages read with VTVM from point to chassis ground. line voltage is 230+/-20% volts. signal pattern is colour-bar.
2. The schematic shown is represetative only.
3. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
4. 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%.
5. Waveforms are taken using a standard colour signal.

P/N = 484-931A

DATE = JUN. 05. 98

<FIG 1> STR-S5707 CIRCUIT DIAGRAM