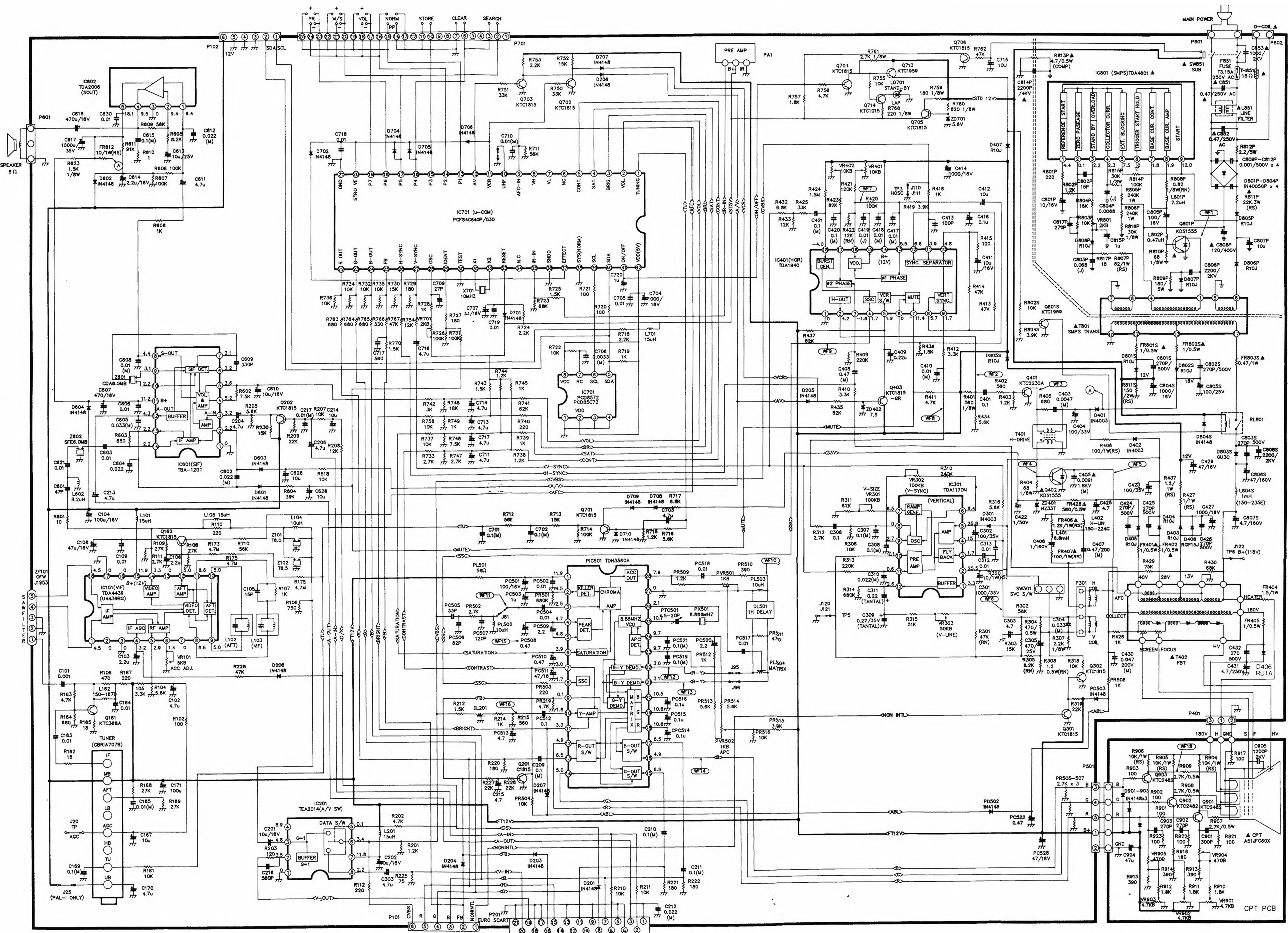


### CIRCUIT DIAGRAM (PC04A)





## TELETEXT BOARD (FLOF/LIST)

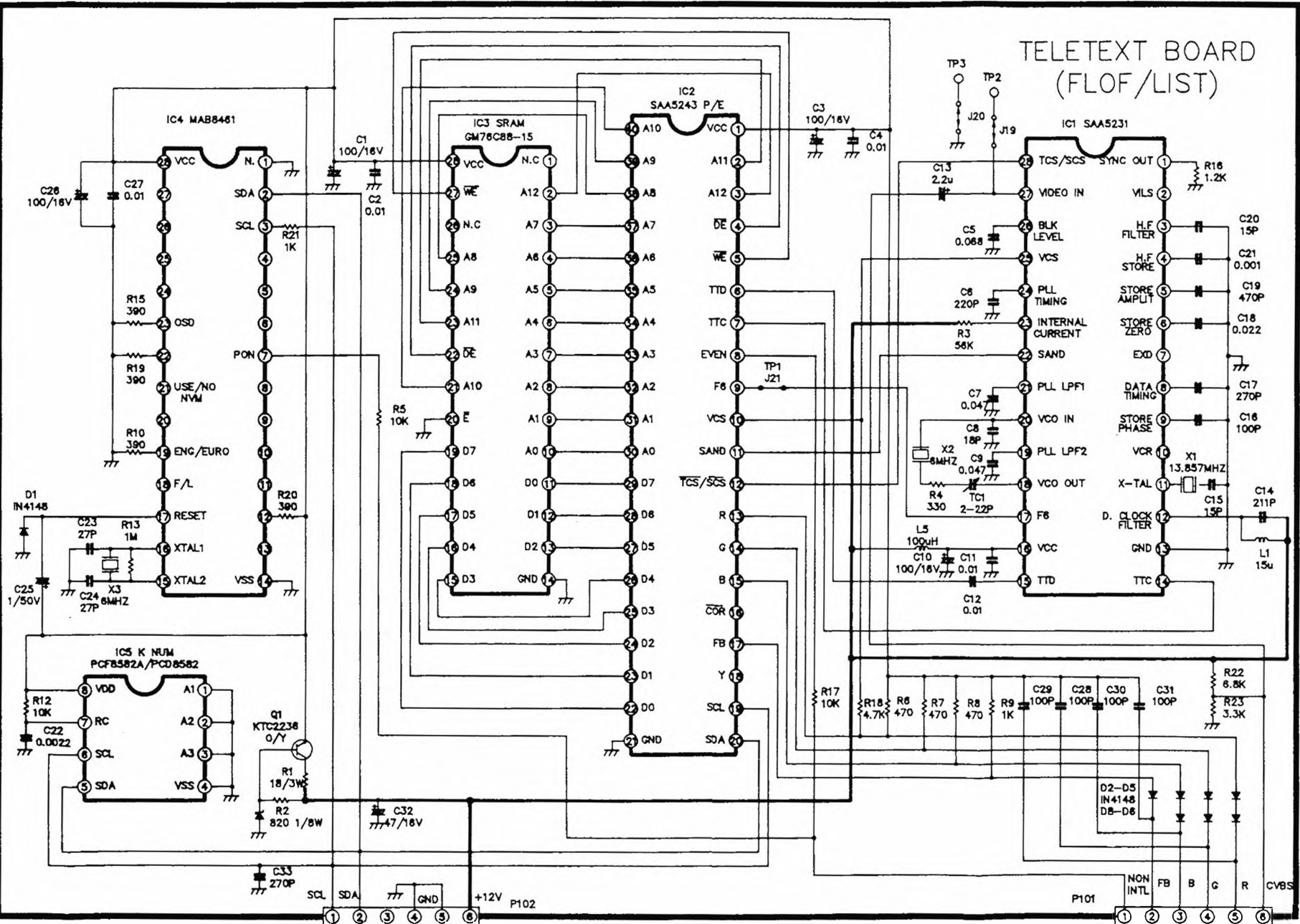


TABLE OF INCH CONVERSION

(TABLE 1)

CIRCUIT NO.	14"	20"	21"	REMARK
R302	47KΩ	56KΩ	56KΩ	CARBON FILM RESISTOR
R311	91KΩ	91KΩ	82KΩ	"
R315	27KΩ	39KΩ	39KΩ	"
R427	1Ω 1W	1Ω 1W	1Ω 1W	METAL OXIDE FILM RESISTOR
R437	1Ω 1W	0.47Ω 1W	1.5Ω	"
R429	10KΩ	56KΩ	75KΩ	CARBON FILM RESISTOR
FR404	1.2Ω	1.5Ω	1.5Ω	FUSIBLE RESISTOR
FR428	390Ω	1.2K	560Ω	"
C303	3.3uF	4.7uF	4.7uF	CE CAPACITOR
C405	0.0073/1.6KV	0.0081/1.6KV	0.0091/1.6KV	MPP CAPACITOR
C407	0.39/200V	0.38/200V	0.47/200V	"
L401	3.3uH	5.6uH	8.8uH	PEAKING COIL
L402	150-224L	150-224C	150-224C	LINEARITY COIL
T402	154-084F	154-177J	154-194B	FBT

### NOTICE

Since this is a basic circuit diagram. The value of components and some partial connection are subject to be changed for improvement.

The components marked  $\Delta$  conform to VDE or IEC guidelines and are essential for safe operation of the set, while those marked  $\Delta$  are required for correct operation. Use specified parts only when replacing.

### VALUE OF RESISTOR, CAPACITOR and INDUCTOR

- Resistances is shown in ohm, k=1,000, M=1,000,000.
- Unless other wise noted in schematic, all capacitor values less than 1 are expressed in mfd 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 H.

### OBSERVATION OF VOLTAGES AND WAVEFORMS

- Voltages read with VTVM from point shown to chassis ground, line voltages 180~270V volts, colour bar signal.
- Voltages reading may vary  $\pm 20\%$ .
- The schematic shown is representative only.
- All waveforms are taken using a wide band oscilloscope and a low capacity probe.
- Check FINE TUNING, AGC, BRIGHTNESS, CONTRAST and COLOUR controls for best picture, make sure that CONTRAST and COLOUR controls are in mid position and BRIGHTNESS controls is almost in maximum position.
- Waveforms are taken using a standard colour bar signal.

P / N FOR SERVICE MANUALS

contact

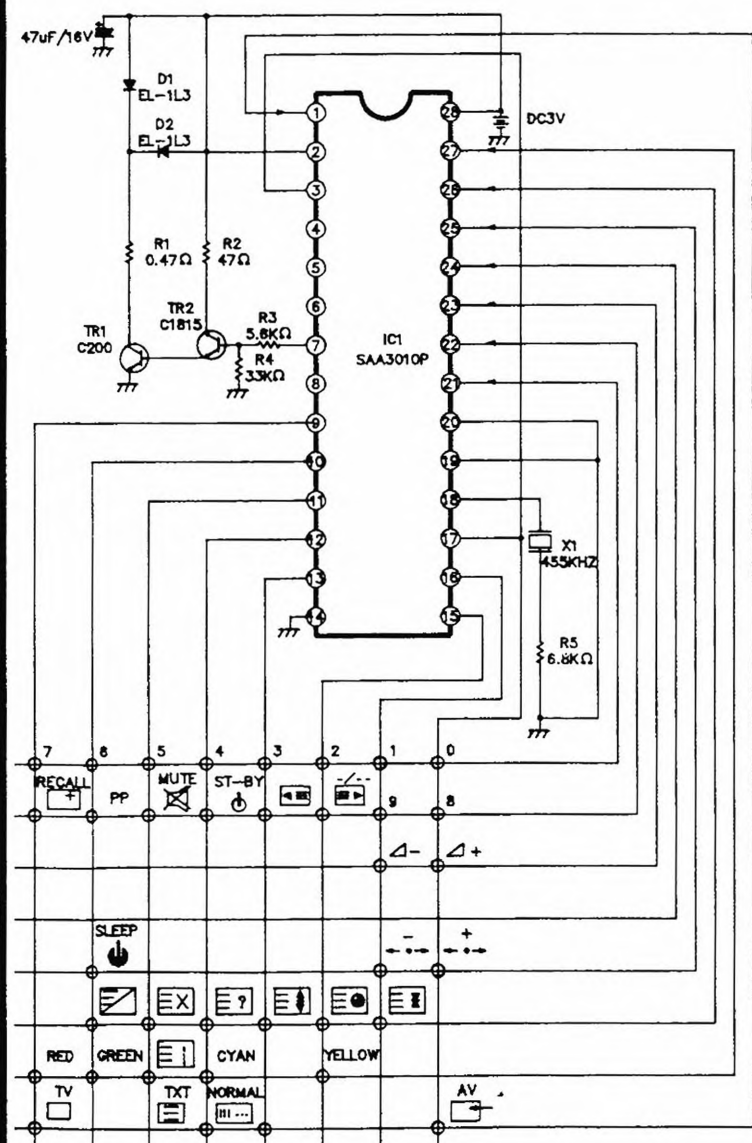
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## TX SCHEMATIC DIAGRAM



## PRE-AMP

