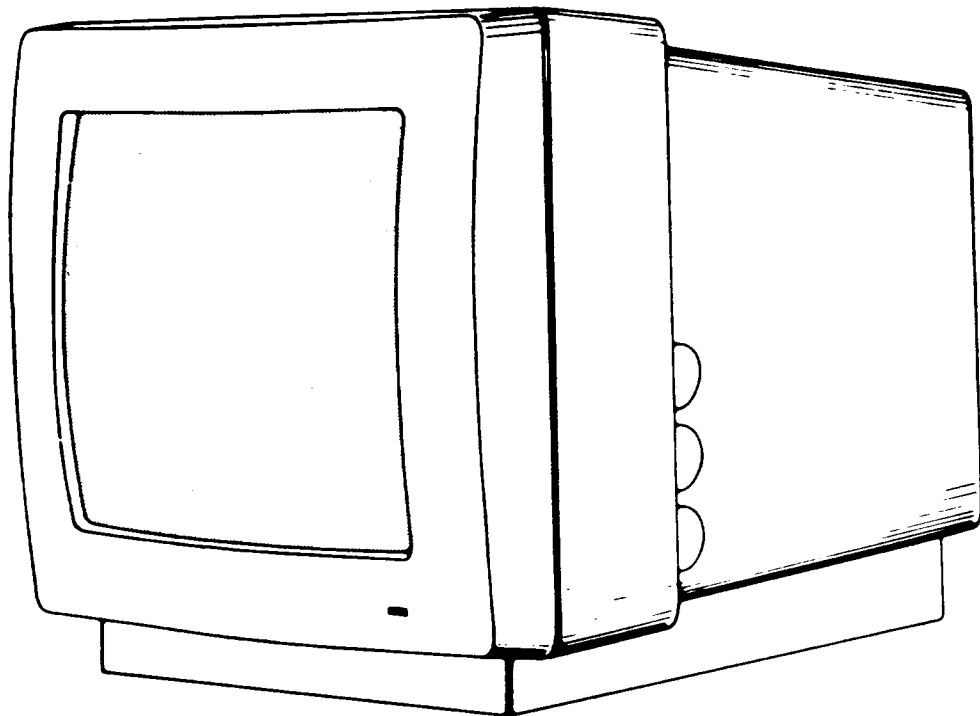


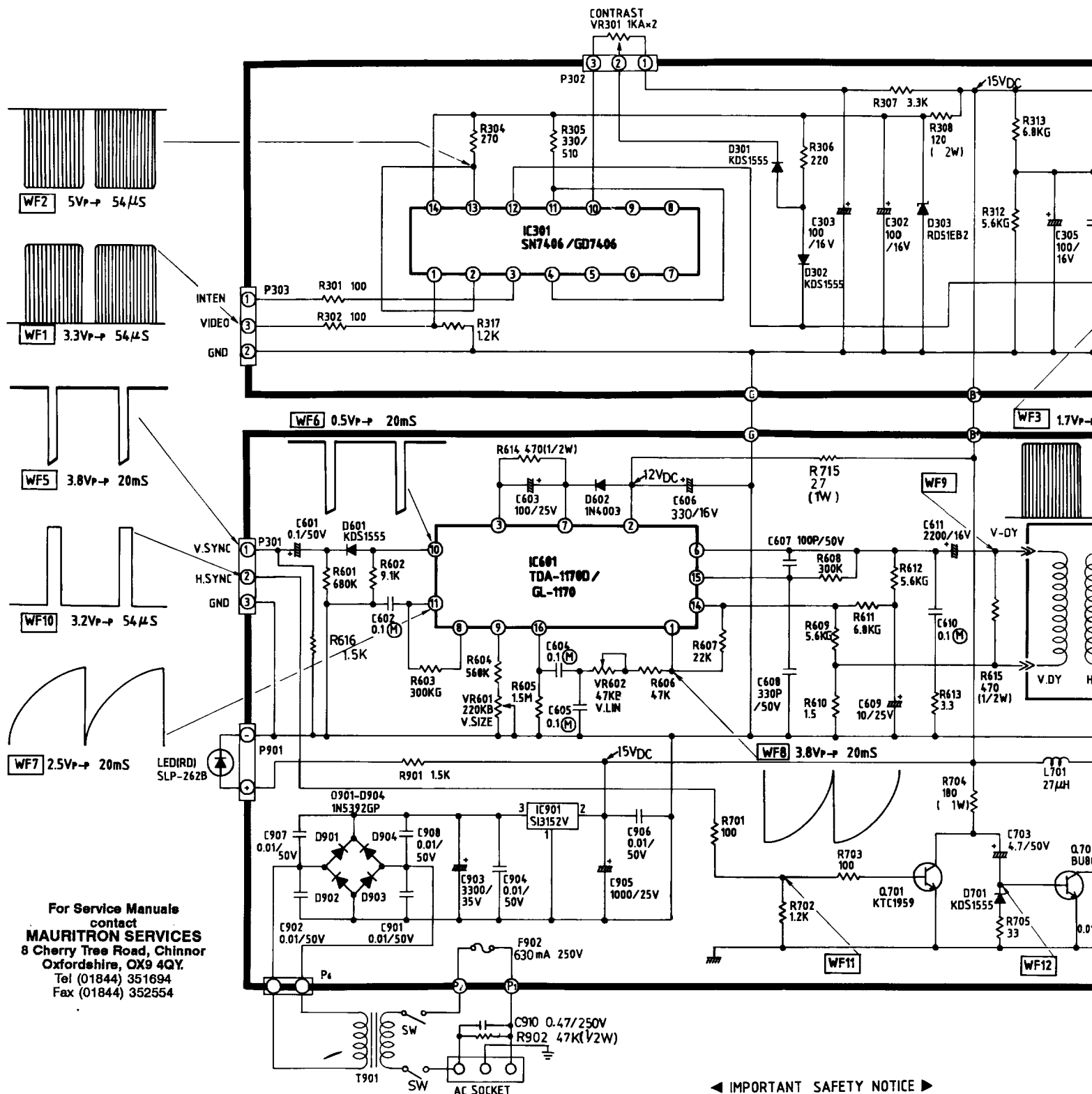
# **MONOCHROM MONITOR MM 12**

Ident-Nr.: 36867

For Service Manuals  
contact  
**MAURITRON SERVICES**  
8 Cherry Tree Road, Chinnor  
Oxfordshire, OX9 4QY  
Tel (01844) 351694  
Fax (01844) 352554



# Schematic diagram



For Service Manuals  
contact  
**MAURITRON SERVICES**  
8 Cherry Tree Road, Chinnor  
Oxfordshire, OX9 4QY.  
Tel (01844) 351694  
Fax (01844) 352554

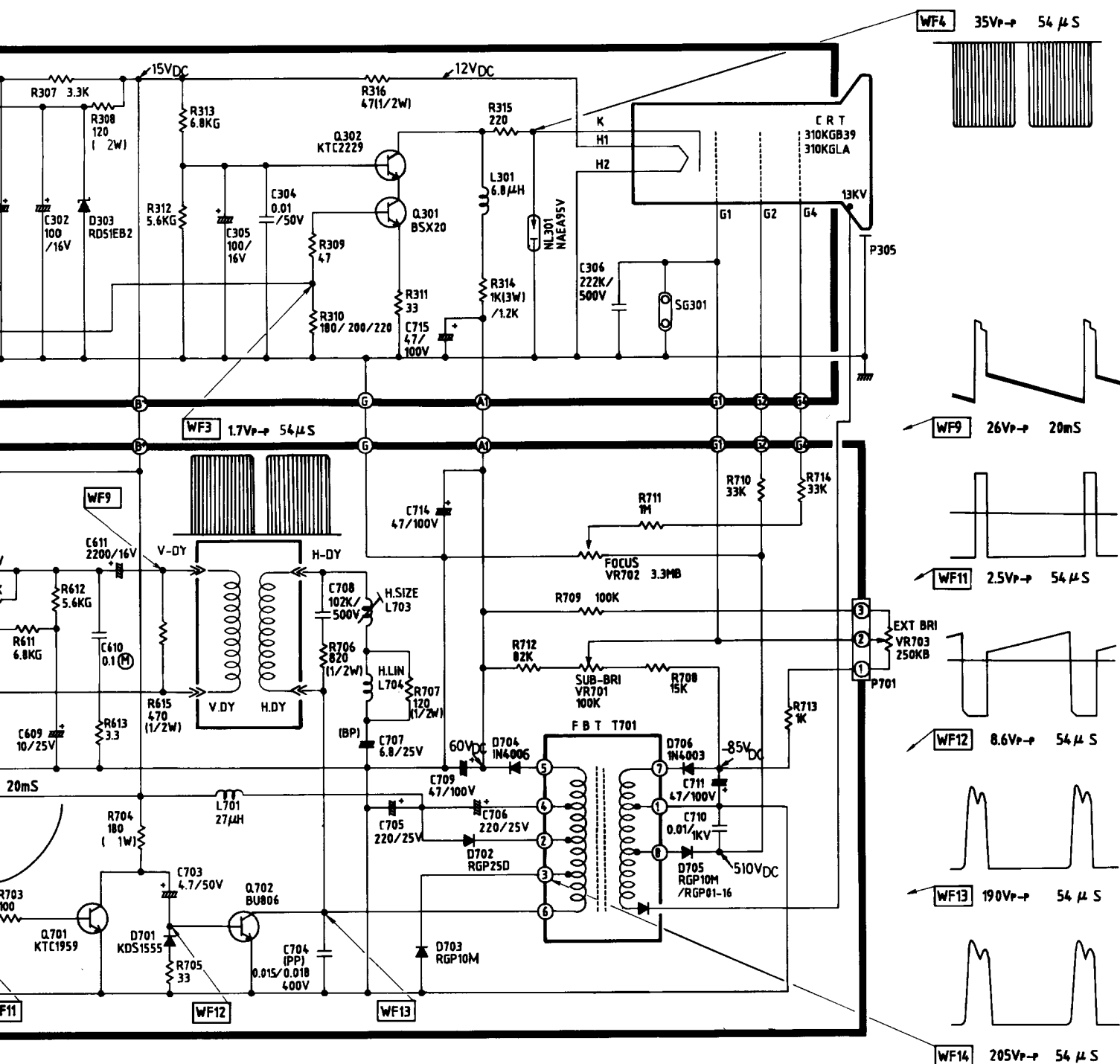
## NOTES : UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS 1/8W,  $\pm 5\%$   
VALUES IN OHMS. G =  $\pm 2\%$   
K = 1,000 M = 1,000,000
2. ALL CAPACITORS IN  $\mu\text{F}$ . P =  $10^{-12}\text{F}$
3.  $\Rightarrow$  DENOTES CONNECTION TO  
OFF BOARD COMPONENT.
4.  $\square$  DENOTES CONNECTOR ON THE BOARD

## ◀ IMPORTANT SAFETY NOTICE ▶

THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION, FIRE AND ELECTRICAL SHOCK HAZARDS, WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFACTURER S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

# Schematic diagram

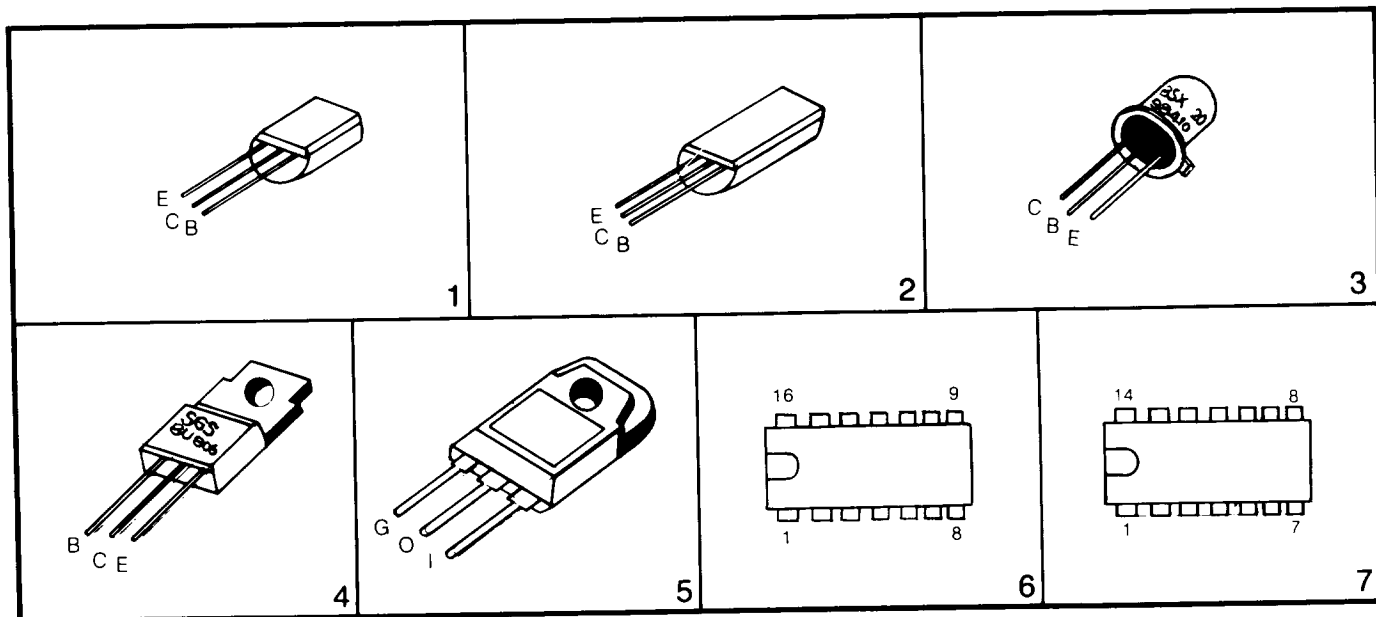


## SAFETY NOTICE

THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL  
 PRECAUTIONS FROM X-RADIATION, FIRE AND  
 SHOCK. SERVICING IT IS ESSENTIAL THAT  
 THESE PRECAUTIONS BE USED FOR THE CRITICAL  
 PARTS OF THE SCHEMATIC.

For Service Manuals  
 contact  
**MAURITRON SERVICES**  
 8 Cherry Tree Road, Chinnor  
 Oxfordshire, OX9 4QY.  
 Tel (01844) 351694  
 Fax (01844) 352554

## SIGNMENT FOR IC & TRANSISTOR

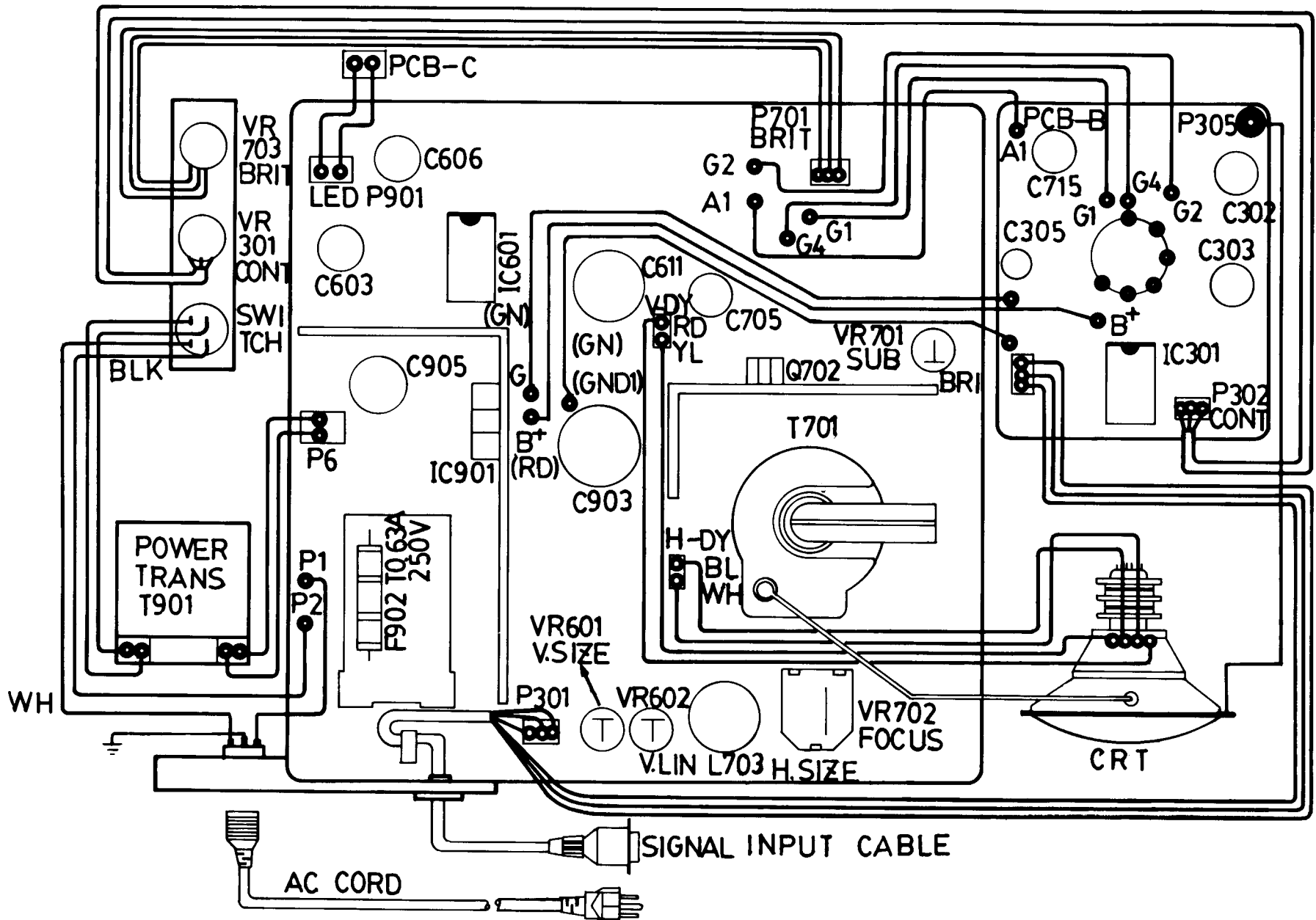


TRANSISTOR TYPE BASE DIAGRAM	REF. NO.	IC TYPE BASE DIAGRAM	REF. NO.
KTC 1959 O/Y	1	SI 3152V	5
KTC 2229 O/Y	2	TDA 1170D	6
BSX 20	3	GD 74LS06	7
BU 806	4		

## VOLTAGE CHART

REF. NO.	TR. TYPE	FUNCTION	CONDITION	BASE	EMITTER	COLLECTOR
Q301	BSX 20	Video	No Signal	0.25	0	6.66
		Amplifier	3 VDC Video Input	0.52	0.2	6.86
Q302	KTC 2229	Video	No Signal	7.13	6.66	6.66
		Output	3 VDC Video Input	7.12	6.83	47.2
Q701	KTC 1959	Driver	No Signal	- 0.809	0	0.08
			3 VDC Video Input	0.30	0	4.72
Q702	BU 806	Horizontal	No Signal	0	0	11.65
		Output	3 VDC Video Input	- 0.6	0	19.43

For Service Manuals  
contact  
**MAURITRON SERVICES**  
8 Cherry Tree Road, Chinnor  
Oxfordshire, OX9 4QY.  
Tel (01844) 351694  
Fax (01844) 352554



Wiring diagram and parts location