

Bang & Olufsen

Beovision LX2500

Type 3741, 3742, 3743,
3745, 3747, 3752, 3753,
3754, 3755, 3758, 3760

Beovision LX2800

Type 3701, 3702, 3703,
3705, 3707, 3712, 3713,
3714, 3715, 3718, 3720

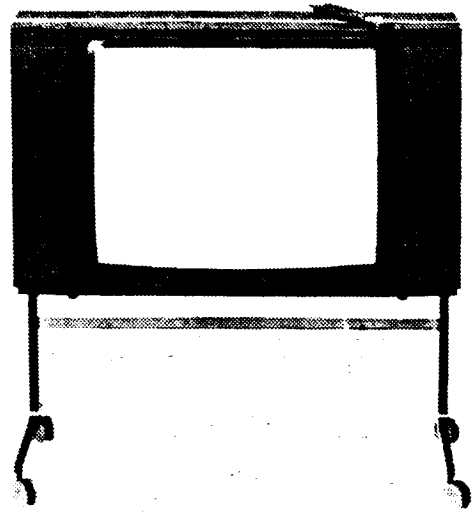
≡ 3532

Tilbehør

TV-bord
Videobord

010376

10376

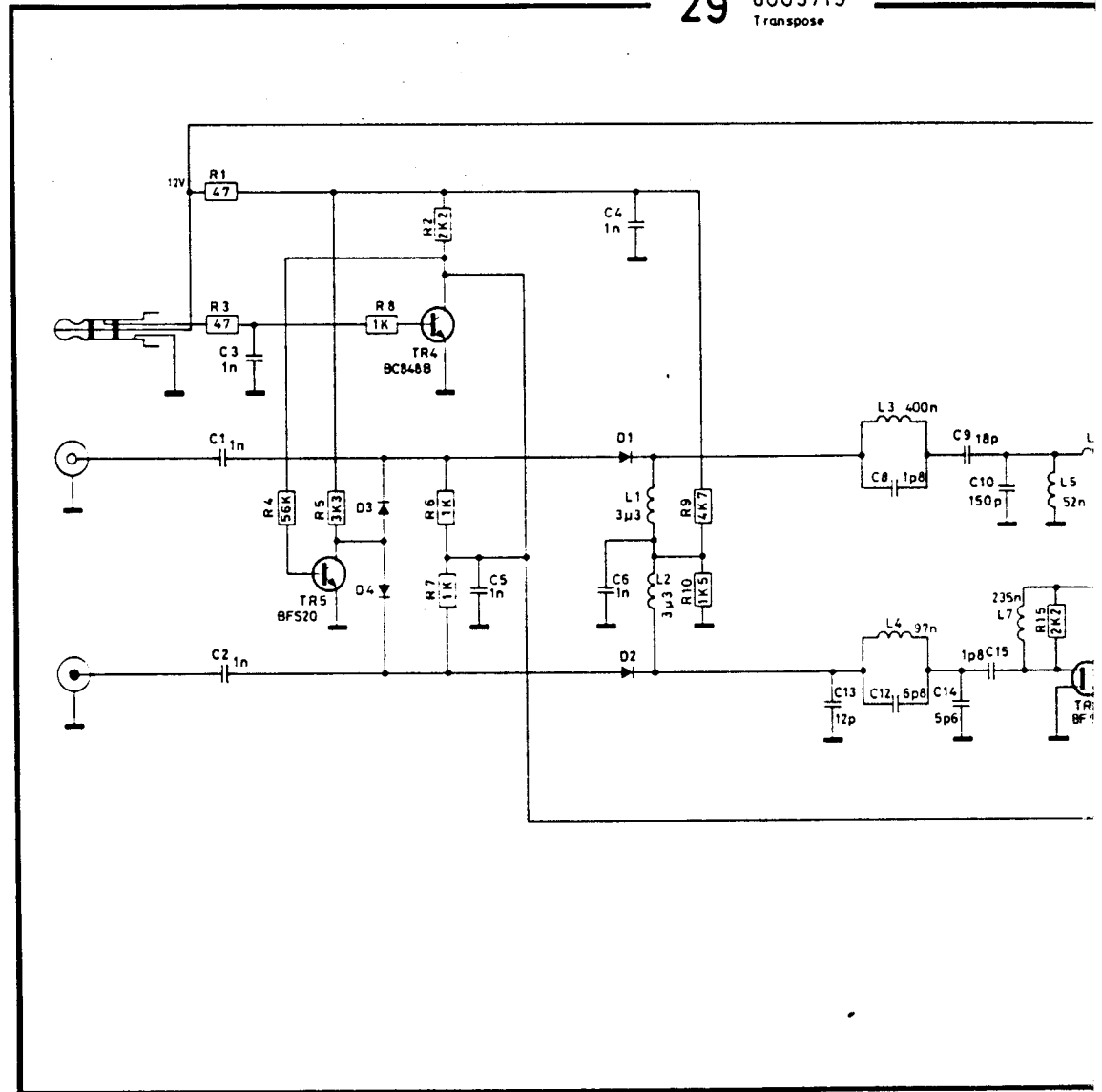


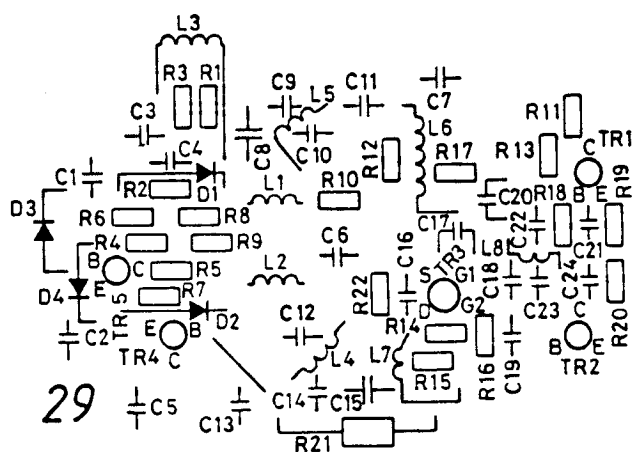
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8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel:- 01844-351694 Fax:- 01844-352554
Email:- enquiries@mauritron.co.uk



TRANSPOSER

29 8003719
Transpose





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1-6

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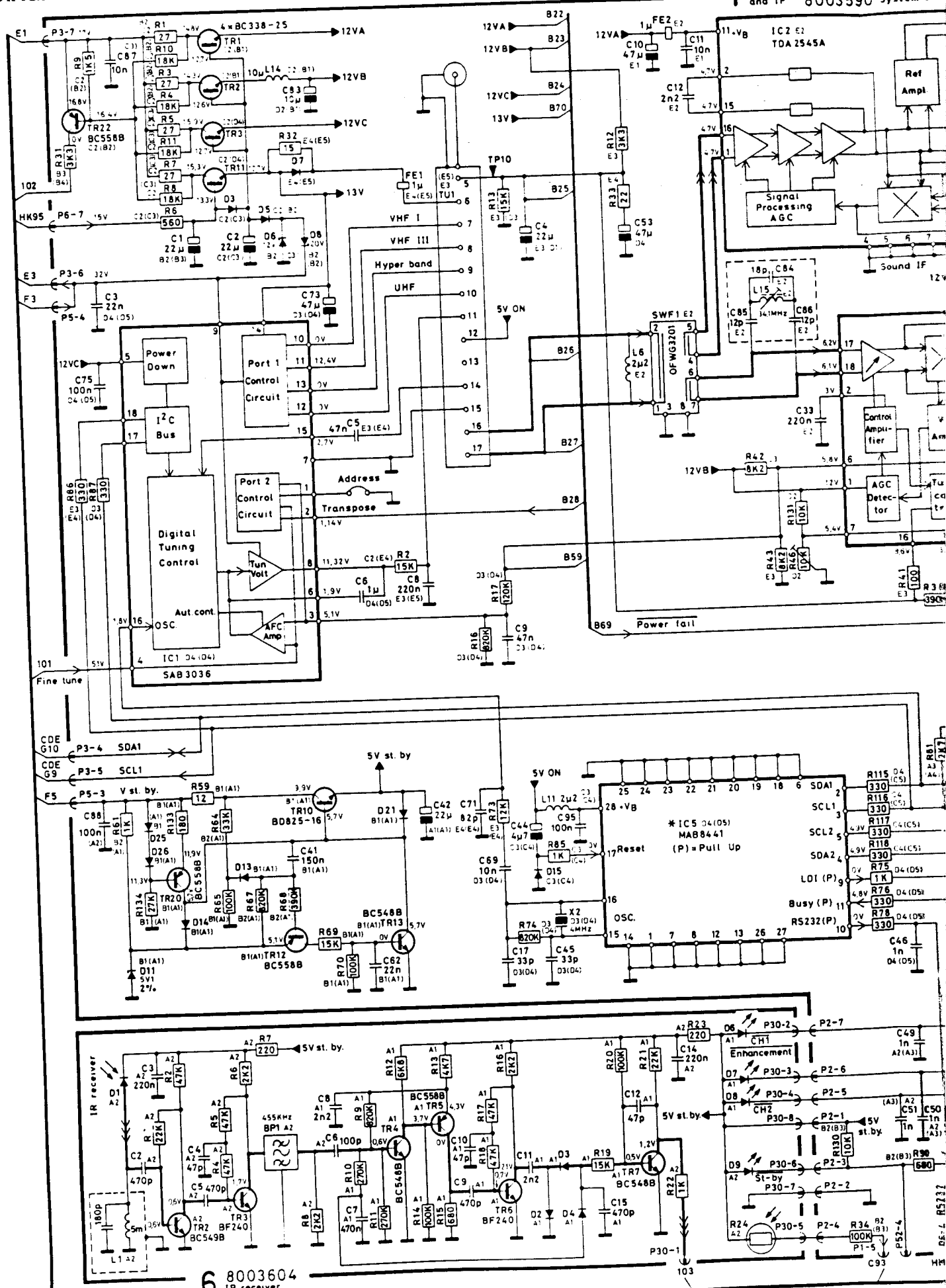
1-6

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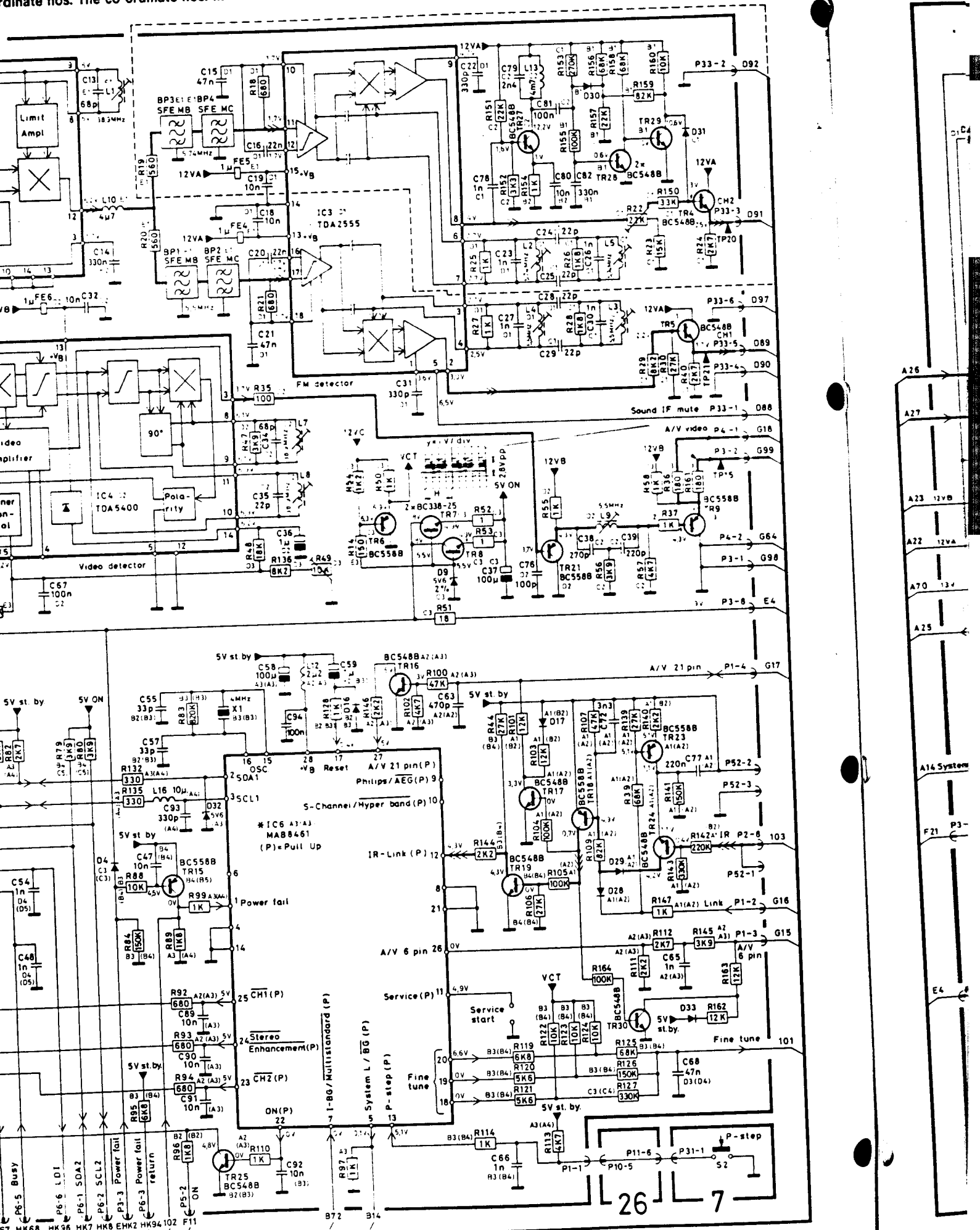
The control and tuning system in DIAGRAM A
is indicated by the components having 2 co-ord

DIAGRAM A CONTROL, TUNER AND IF SYSTEM, IR RECEIVER

1 Tuner 8003586 System B/G
and IF 8003590 System I

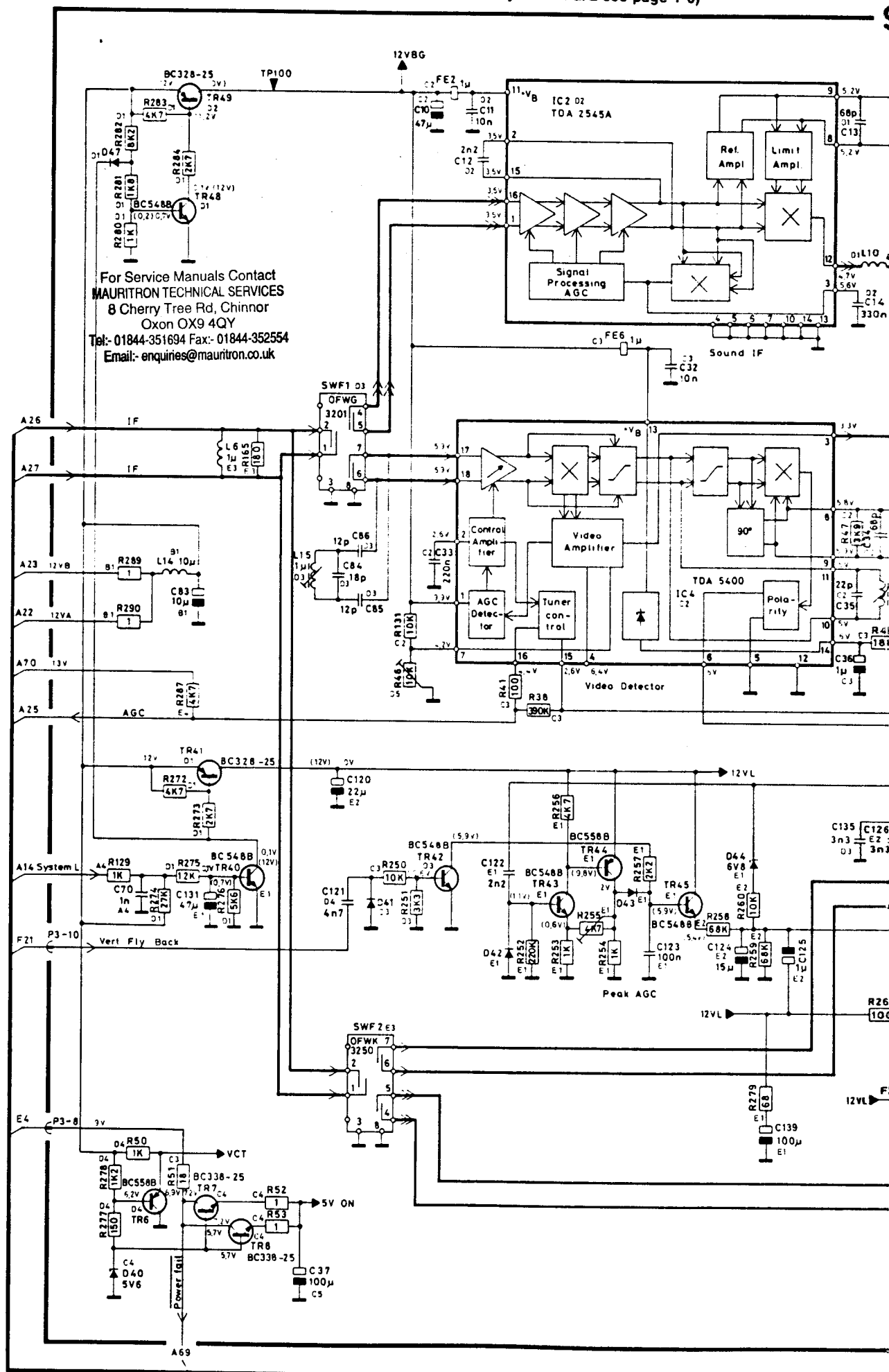


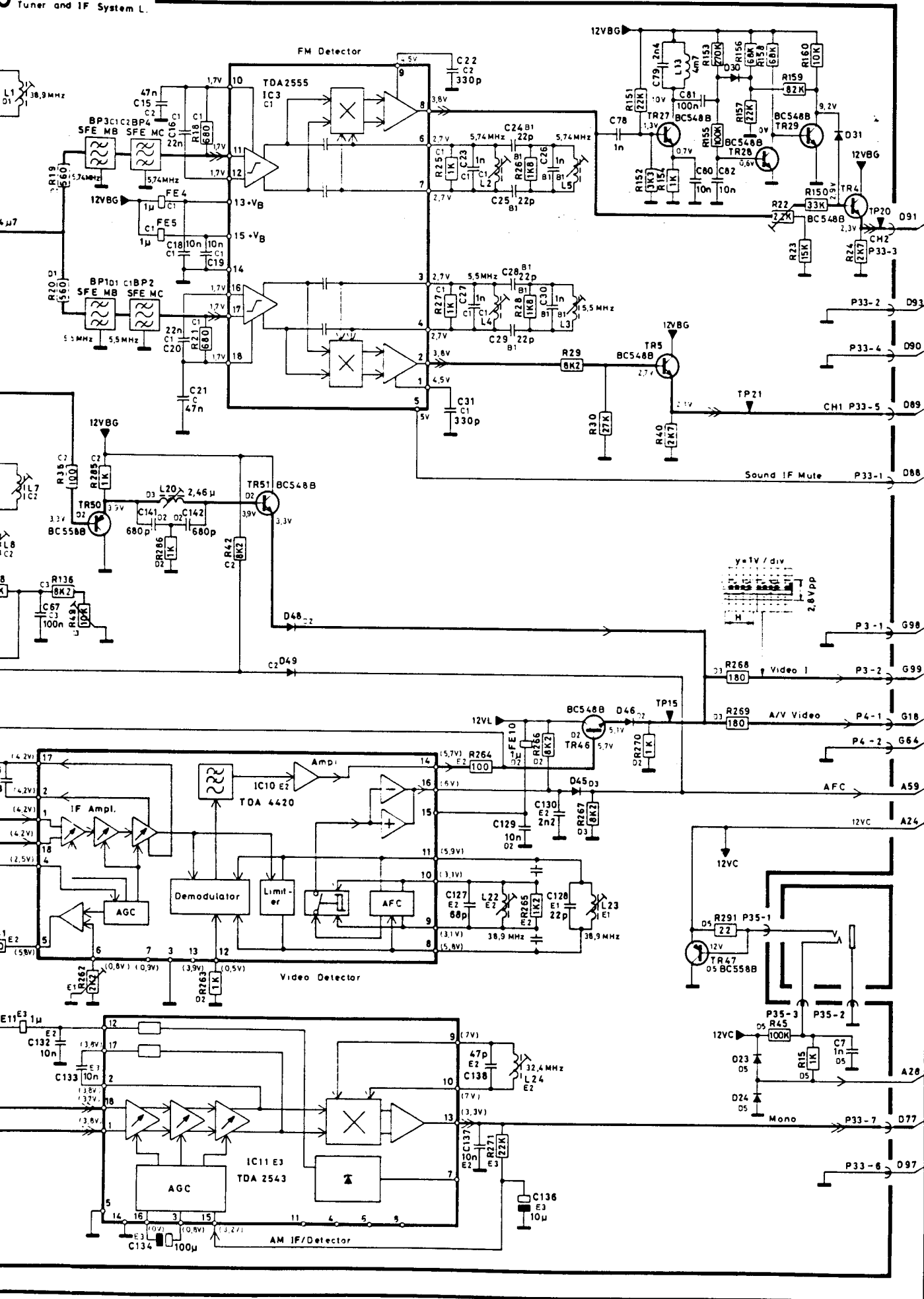
is valid for PCB1 (B/G-I) as well as for PCB9(B/G/L). In these circuits, this
ordinate nos. The co-ordinate nos. in the brackets are valid for PCB9.

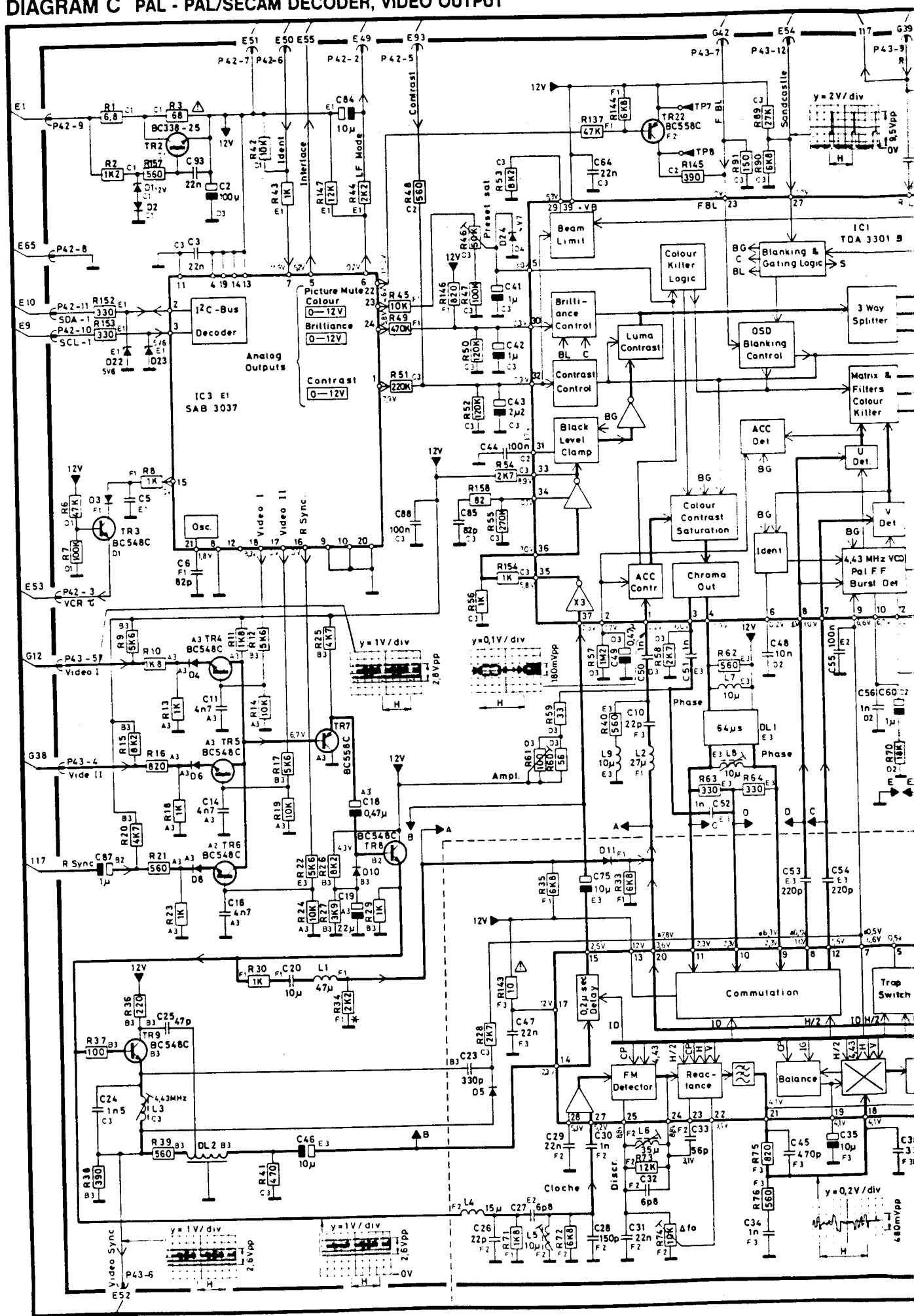


inside the dotted lines are not in Pal I version. 1BP2 is short circuit in Pal I version.

DIAGRAM B IF SYSTEM B/G/L (For CONTROL and TUNER system B/G/L see page 1-6)

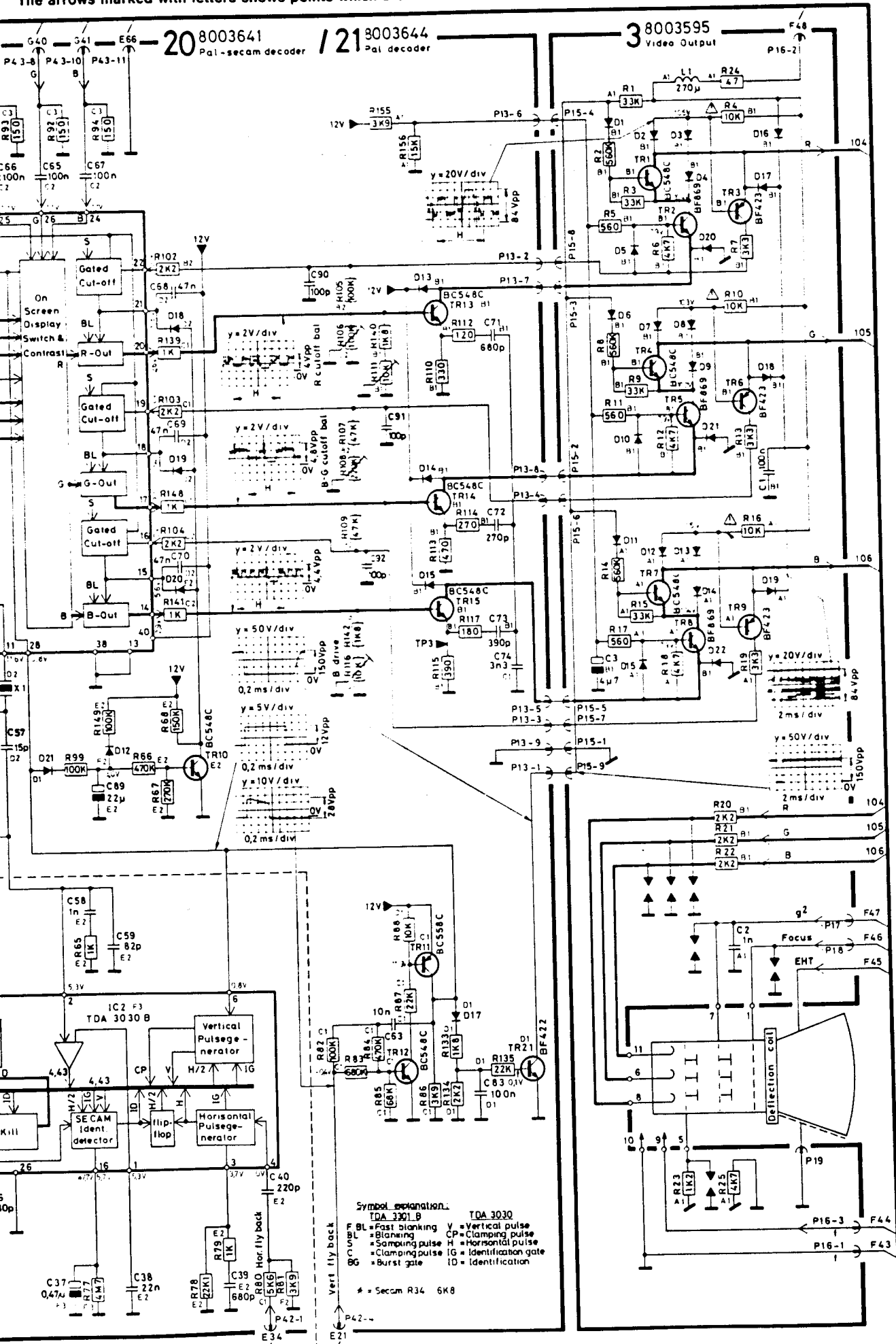






Components inside the dotted line are only i Pal/Secam decoder PCB20.

The arrows marked with letters shows points which are short circuit in Pal decoder PCB21.



33
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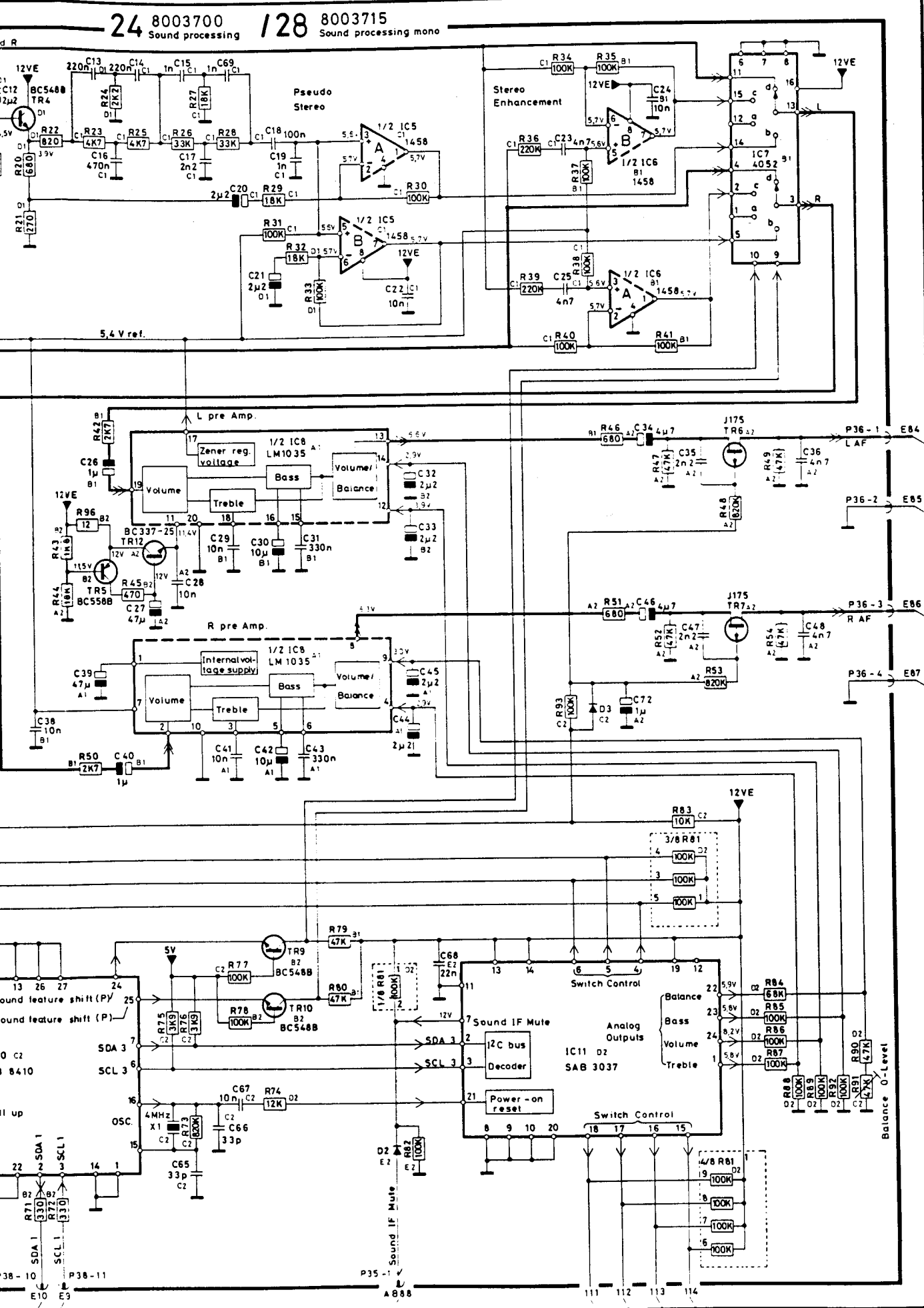


Diagram E: A detailed electronic circuit diagram for a video amplifier, featuring various components like resistors (R1, R2, etc.), capacitors (C1, C2, etc.), and integrated circuits (IC1, IC2, etc.). The diagram includes a central section labeled "For Service Manuals Contact MAURITRON TECHNICAL SERVICES" with contact information. The diagram is divided into sections labeled "26" and "20", with a "20" label at the bottom right. The diagram is a complex schematic showing the internal circuitry of a video amplifier, including power supplies, signal processing stages, and output drivers. It includes various components such as resistors, capacitors, diodes, and integrated circuits. The diagram is labeled with component values and pin numbers. It also includes a central section with contact information for service manuals. The diagram is a detailed technical drawing of an electronic circuit.

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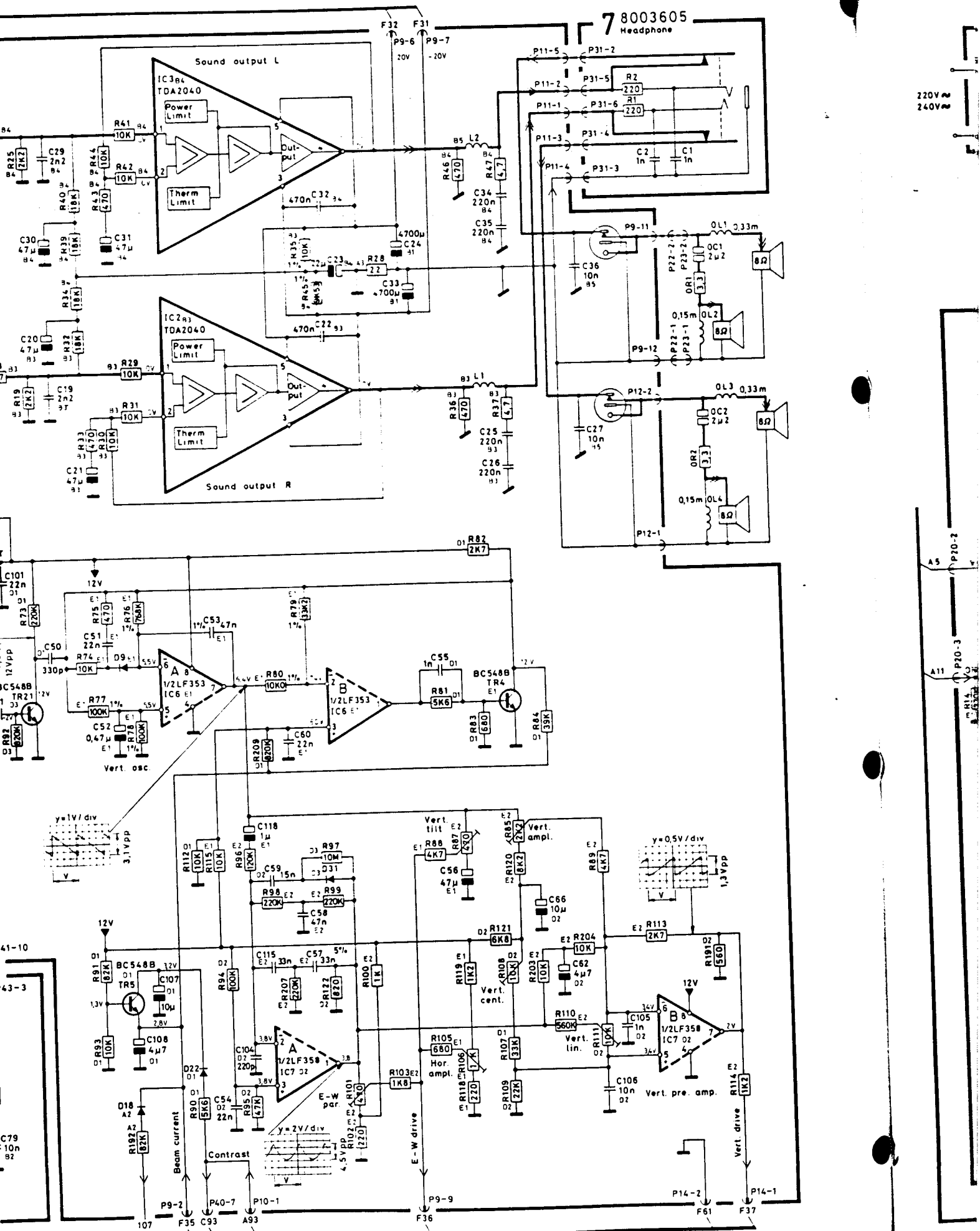
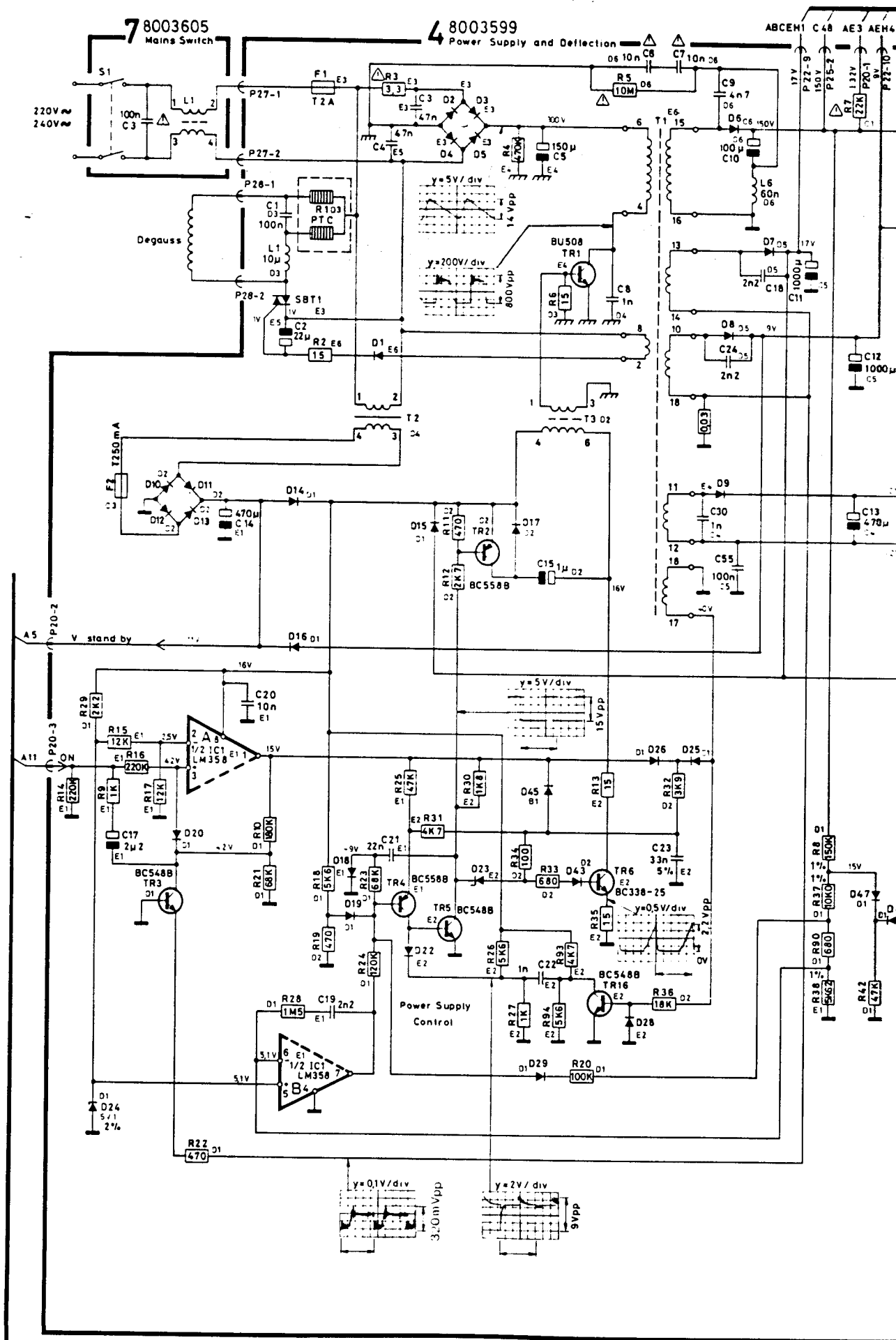
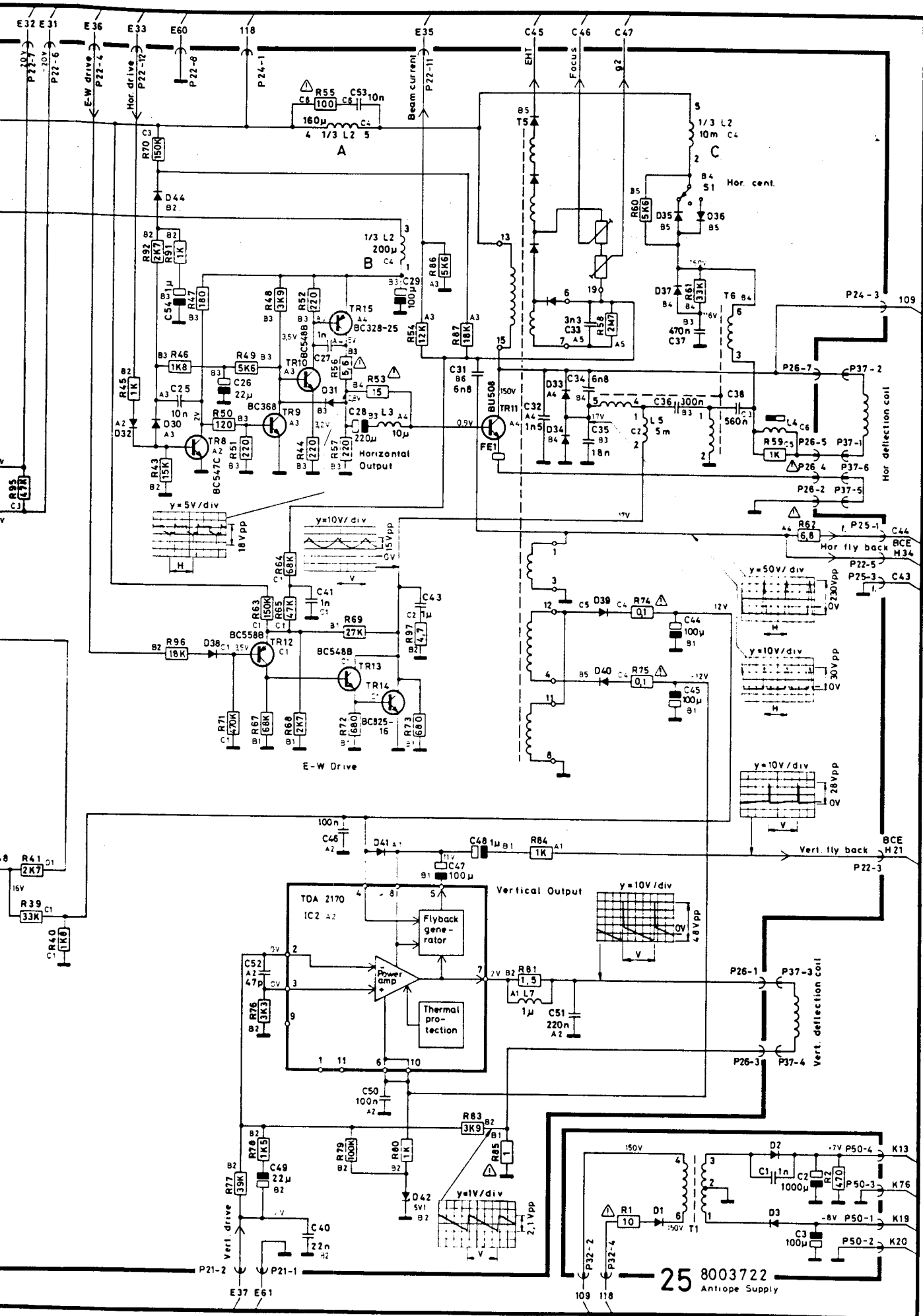


DIAGRAM F POWER SUPPLY, DEFLECTION



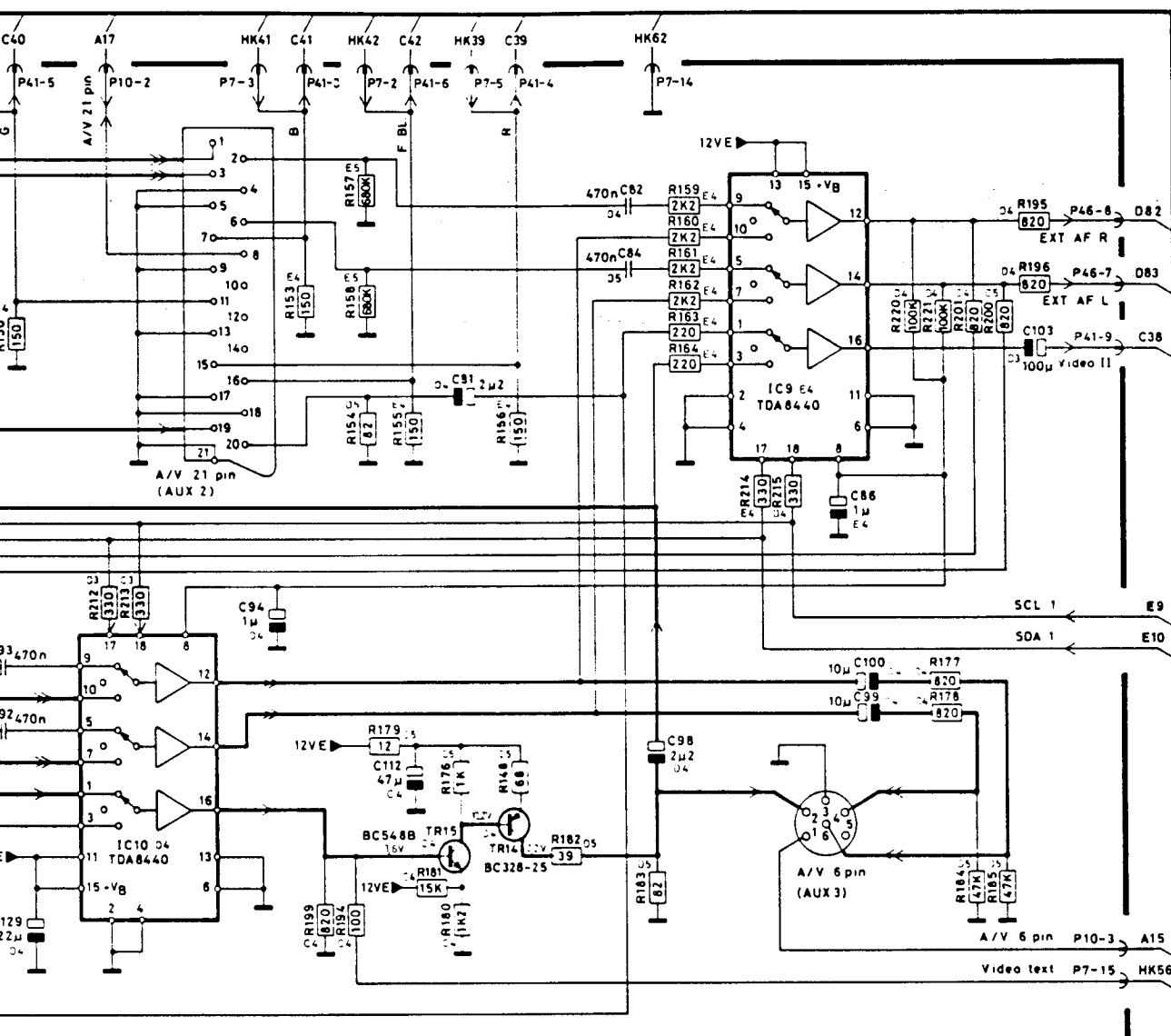


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Function PCB24/28	Control Outputs Pins On IC 11							Signal Path for Sound Switching on PCB24/28
	4	5	6	15	16	17	18	
TV STEREO LEFT		H	L			L	H	IC2 Pin 3 ·4 ·12 ·14 To VCR IC3 Pin 2 ·15 ·13 ·14
TV STEREO RIGHT		H		H H		L		IC1 Pin 1 ·15 ·IC2 Pin 1 ·15 To VCR IC1 Pin 1 ·15 ·IC3 Pin 5 ·4
CH 1 MONO LEFT		H	H	L	L L	H	L	IC1 Pin 5 ·4 ·2 ·15 ·IC2 Pin 1 ·15 ·13 ·14 To VCR IC1 Pin 5 ·4 ·IC3 Pin 3 ·4 ·12 ·14
CH 1 MONO RIGHT		H		L	L L	H		IC1 Pin 5 ·4 ·2 ·15 ·IC2 Pin 1 ·15 To VCR IC1 Pin 5 ·4 ·IC3 Pin 3 ·4
CH 2 MONO LEFT		H	H	H		L	L	IC1 Pin 1 ·15 ·IC2 Pin 1 ·15 ·13 ·14 To VCR IC3 Pin 5 ·4 ·12 ·14
CH 2 MONO RIGHT		H		H		L		IC1 Pin 1 ·15 ·IC2 Pin 1 ·15 To VCR IC3 Pin 5 ·4
EXTERNAL SOUND SOURCE LEFT		L	L		L	H	H	IC2 Pin 5 ·4 ·12 ·14 To VCR* IC1 Pin 5 ·4 ·IC3 Pin 3 ·4 ·12 ·14
EXTERNAL SOUND SOURCE RIGHT	L	L			L	H		IC1 Pin 12 ·14 ·IC2 Pin 2 ·15 To VCR* IC1 Pin 5 ·4 ·IC3 Pin 3 ·4

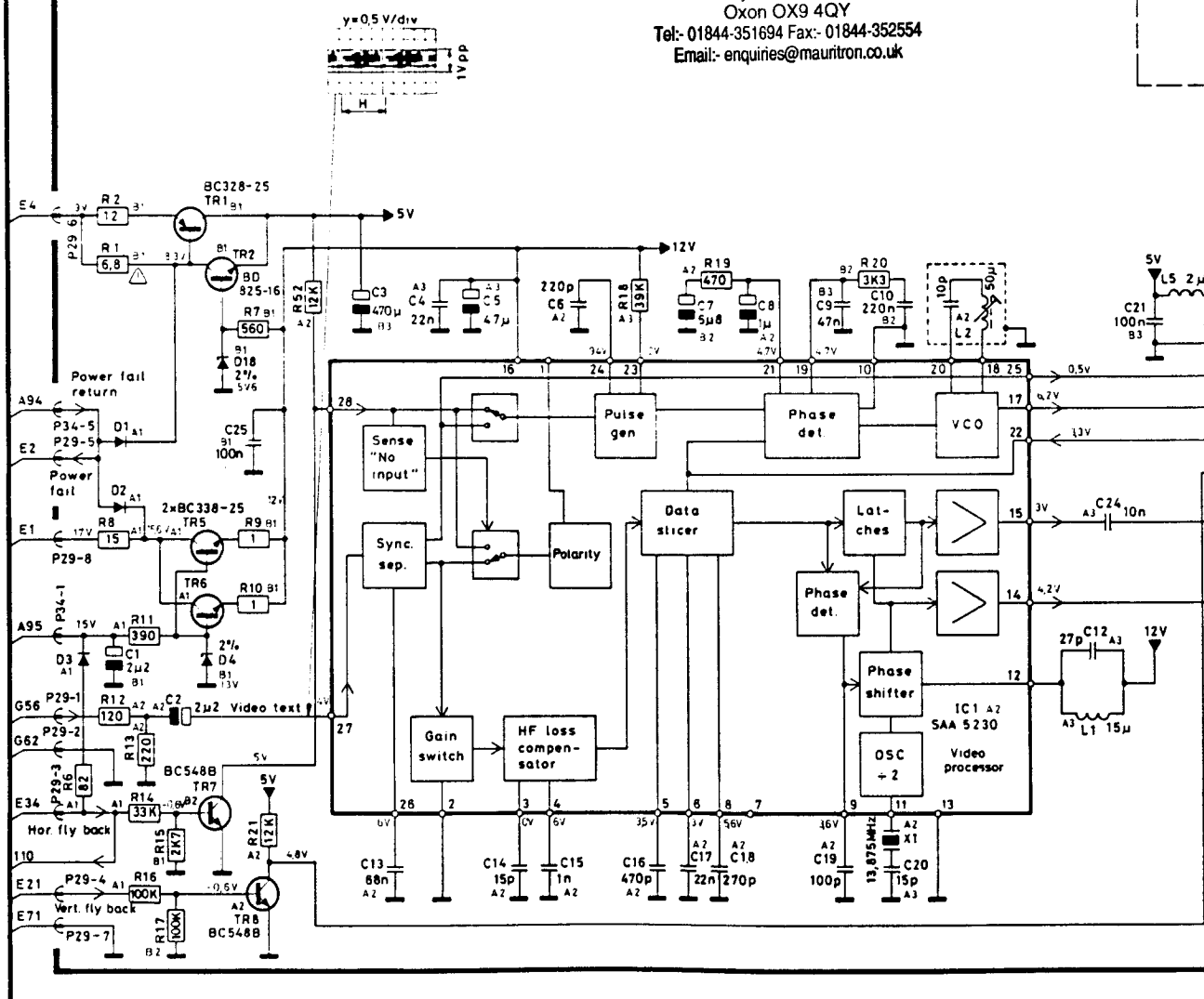
*TV Mono CH1 to VCR

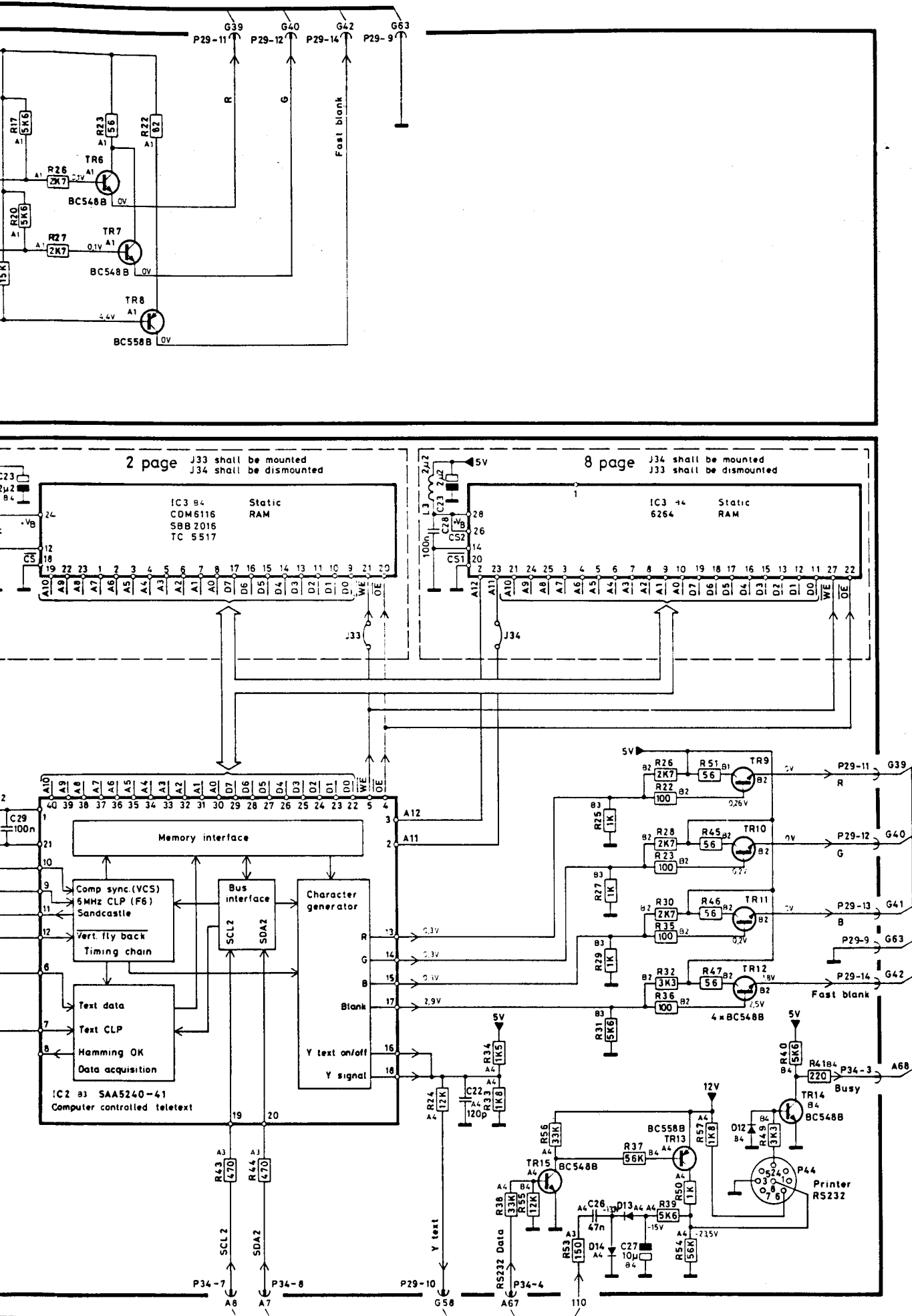


FUNCTION TABLE 24IC7 4052

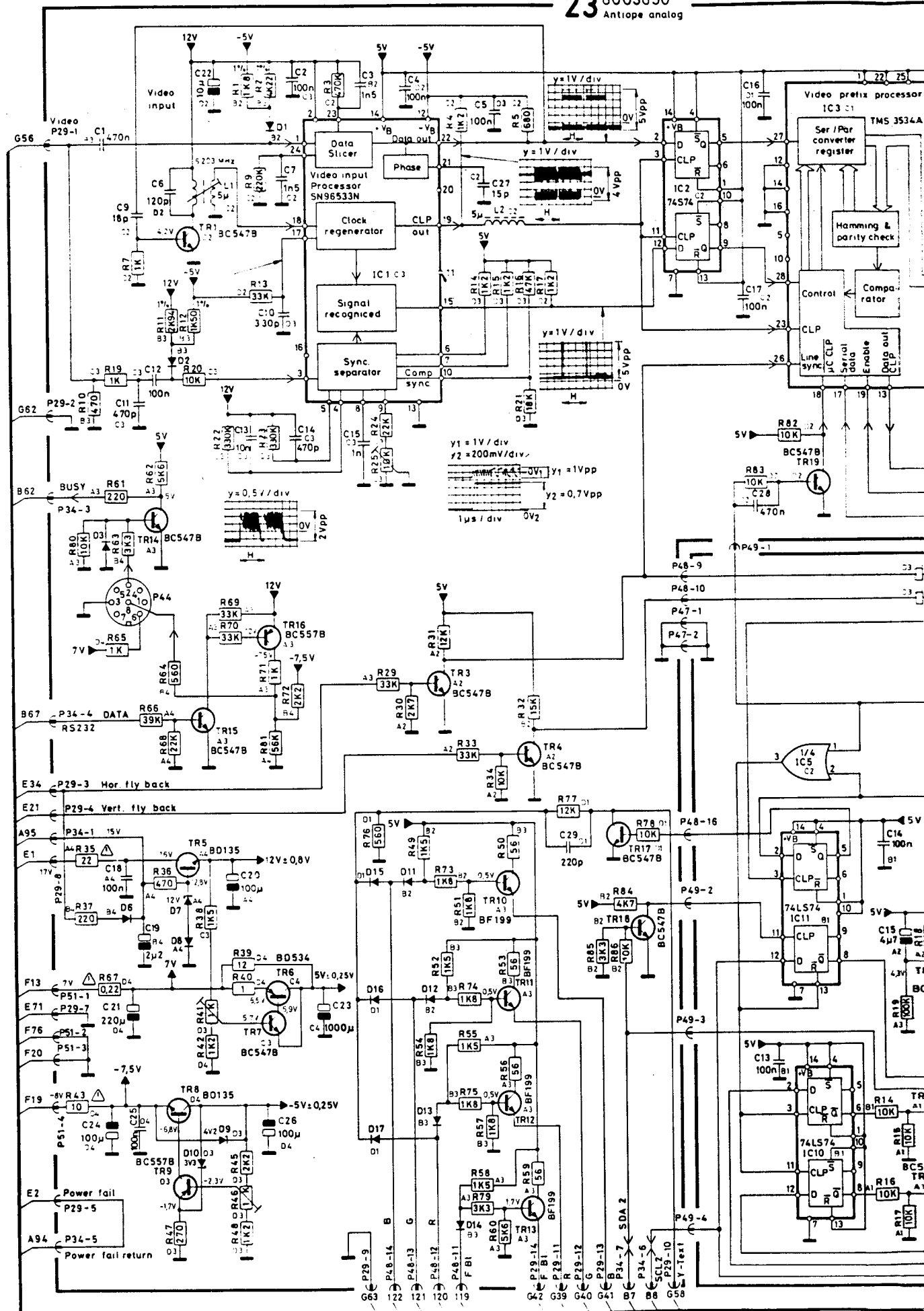
Function	Pin 9	Pin 10	Contact Left	Contact Right
Normal Sound	H	H	Pin 11—13	Pin 4—5
Stereo Enhancement	H	L	Pin 15—13	Pin 2—3
Pseudo Stereo	L	H	Pin 14—13	Pin 5—3







23 8003650
Antiope analog



15 8003630
Antiope digital

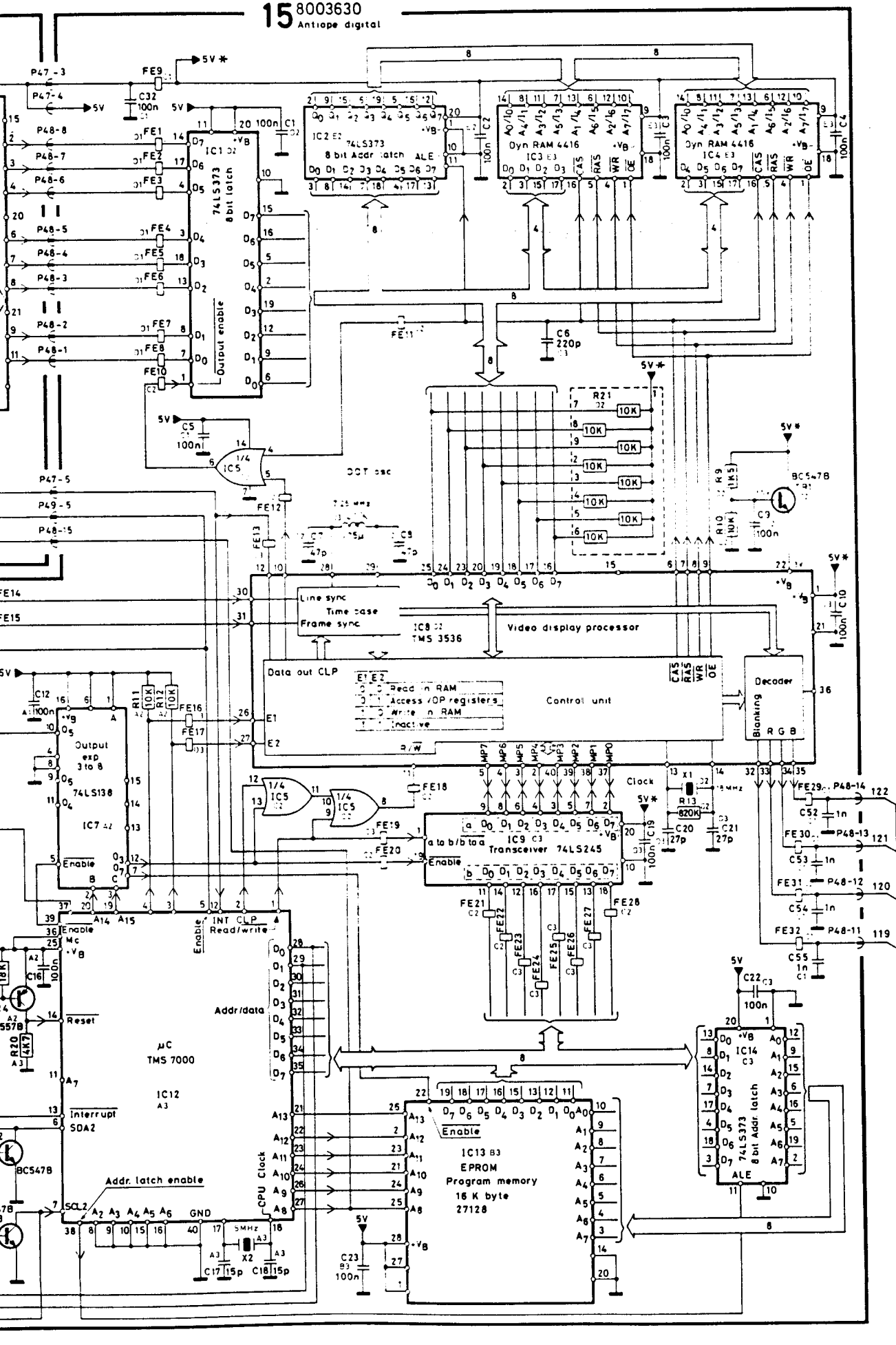
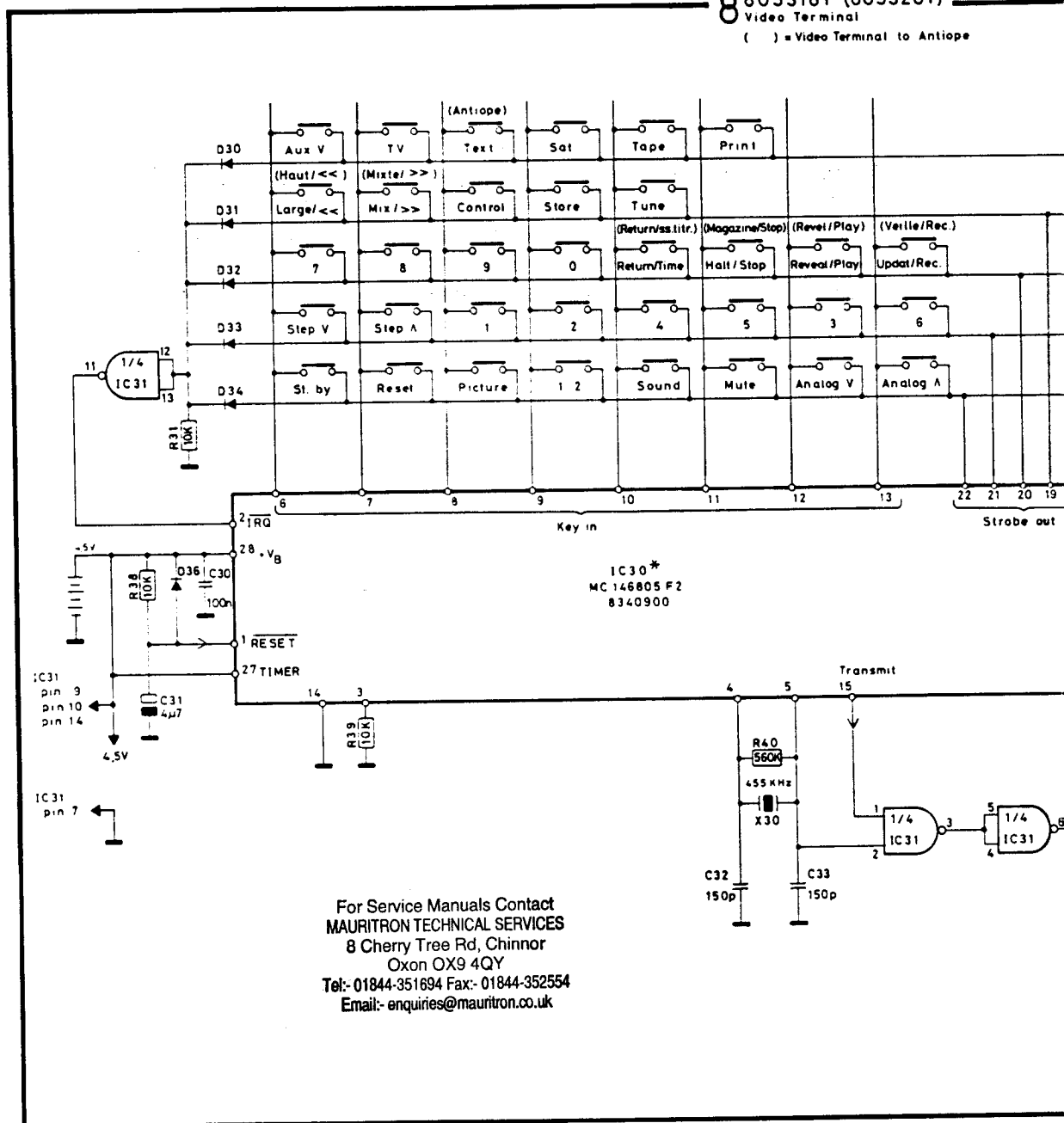


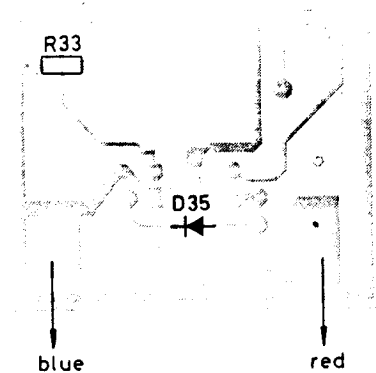
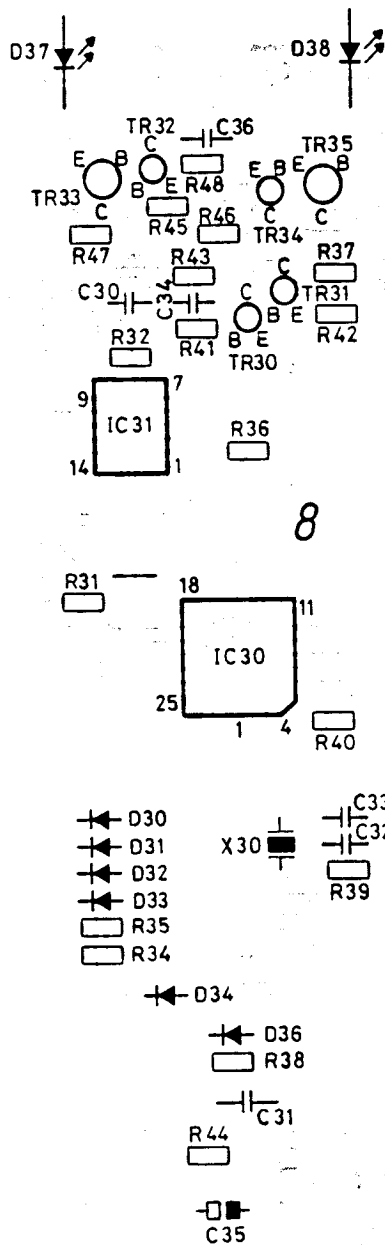
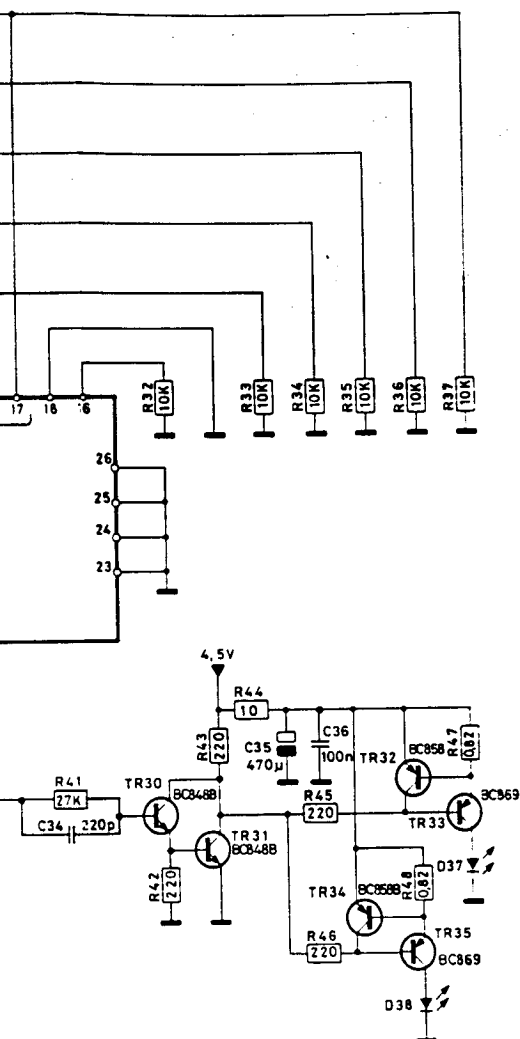
DIAGRAM J VIDEO TERMINAL

8 8053181 (8053201)

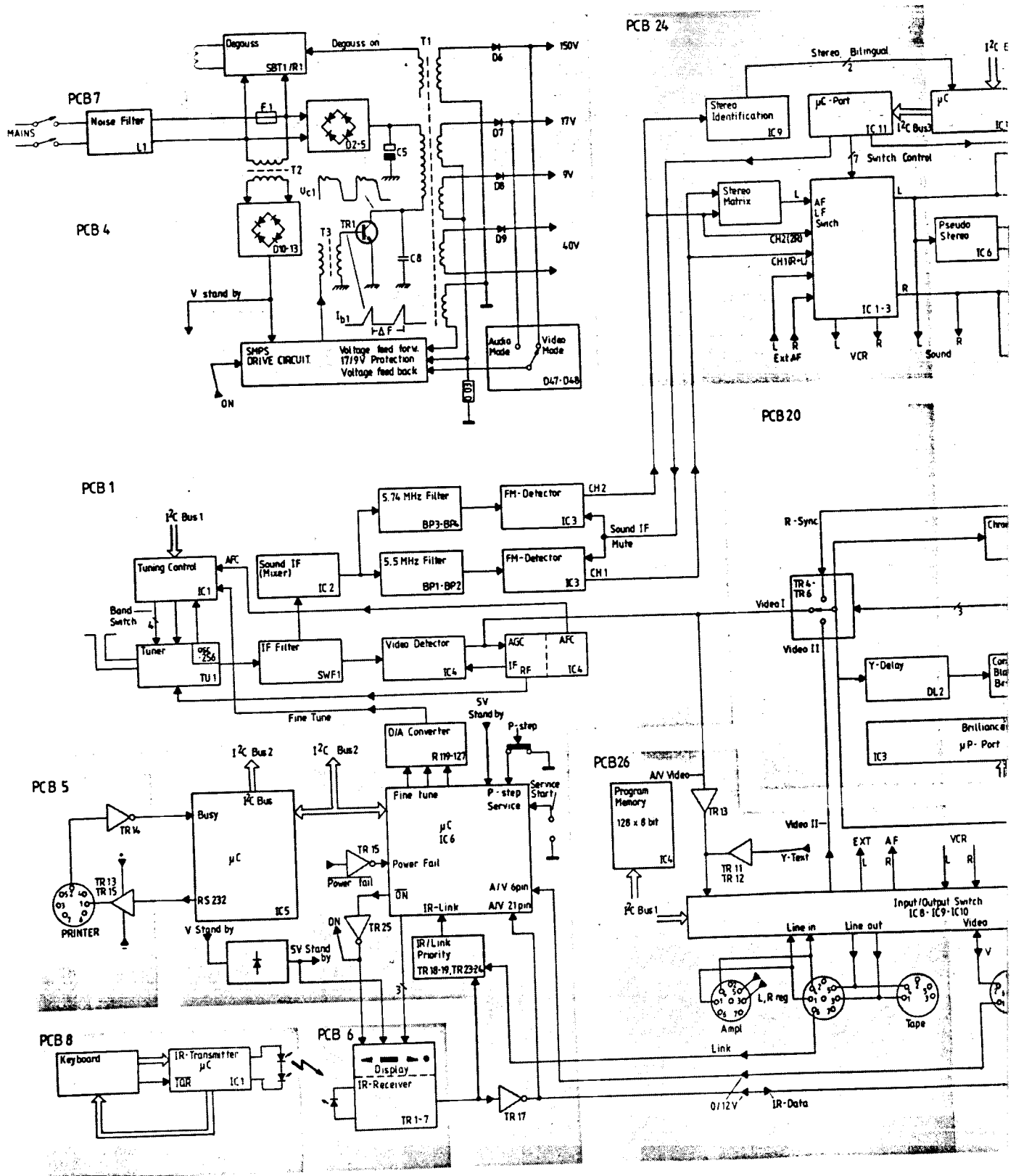
Video Terminal

() = Video Terminal to Antiope





BLOCKDIAGRAM



Bus1

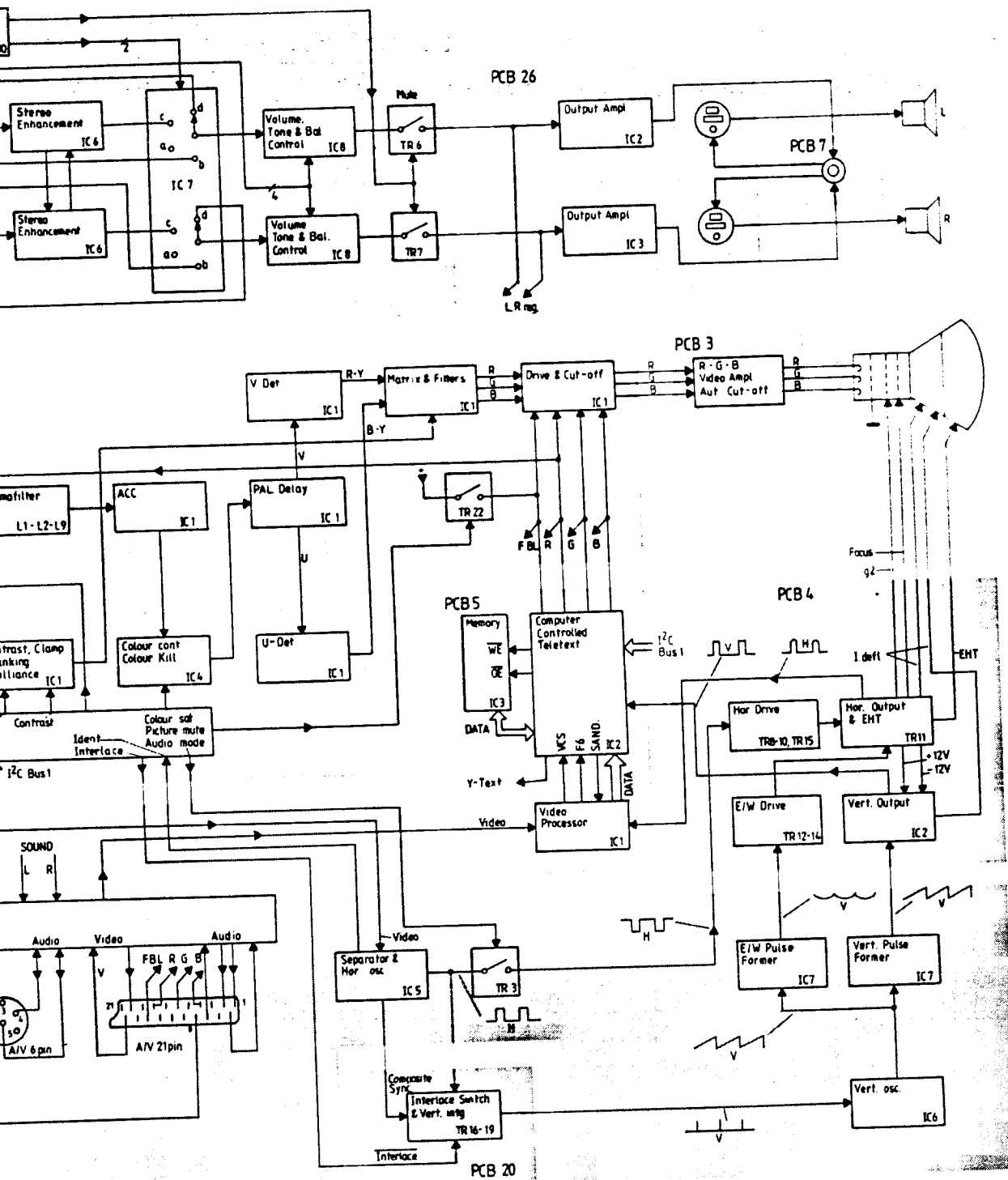
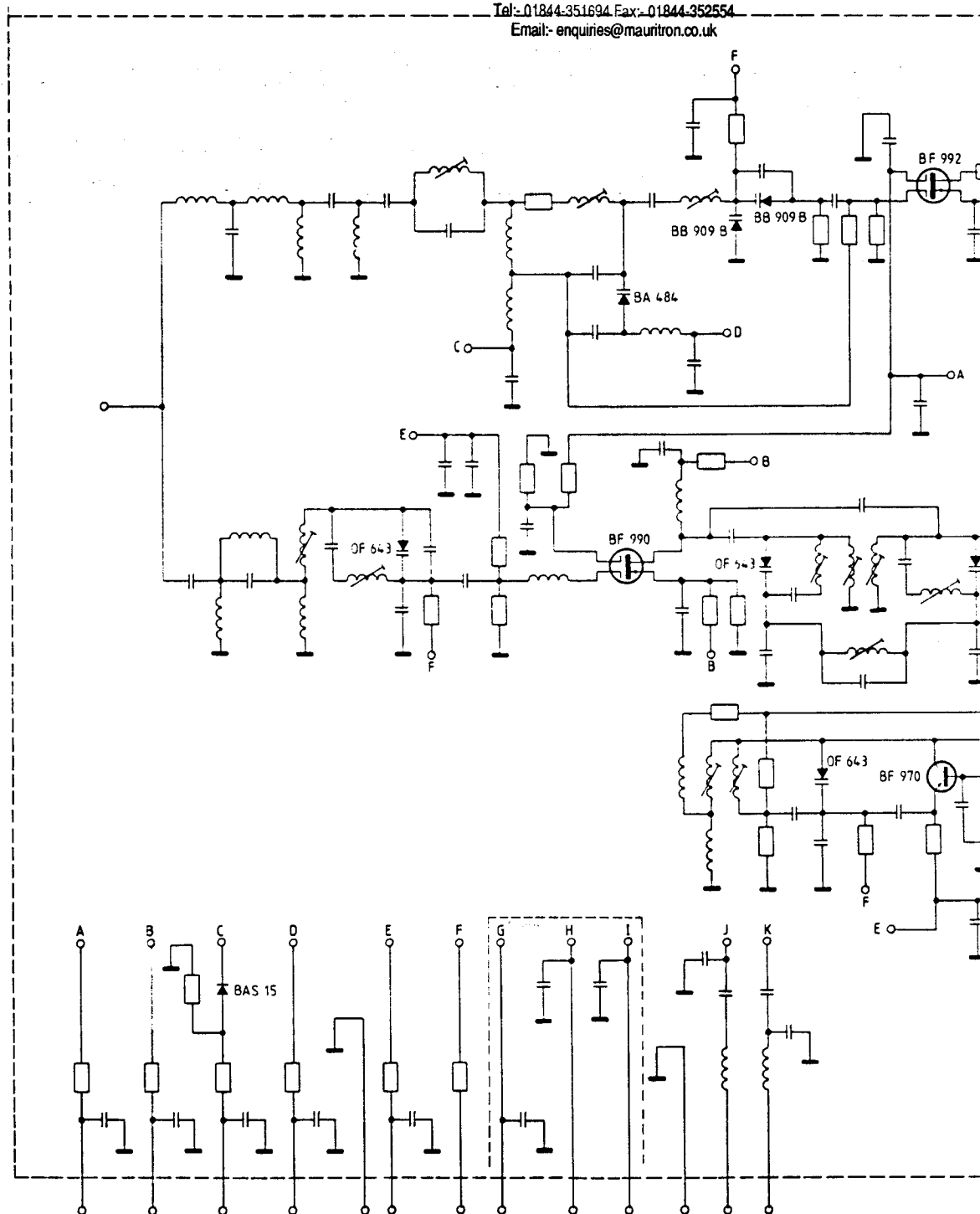
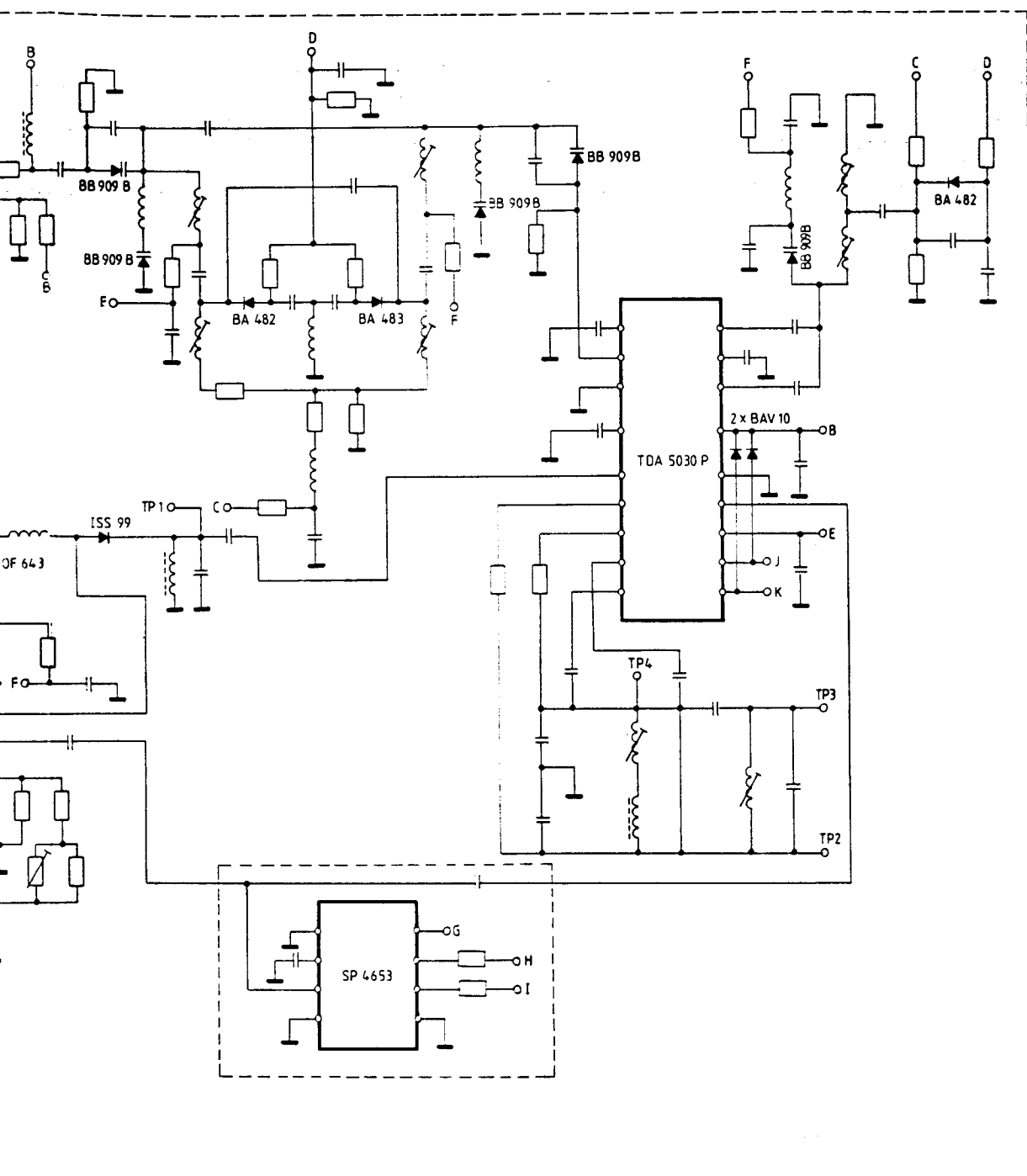
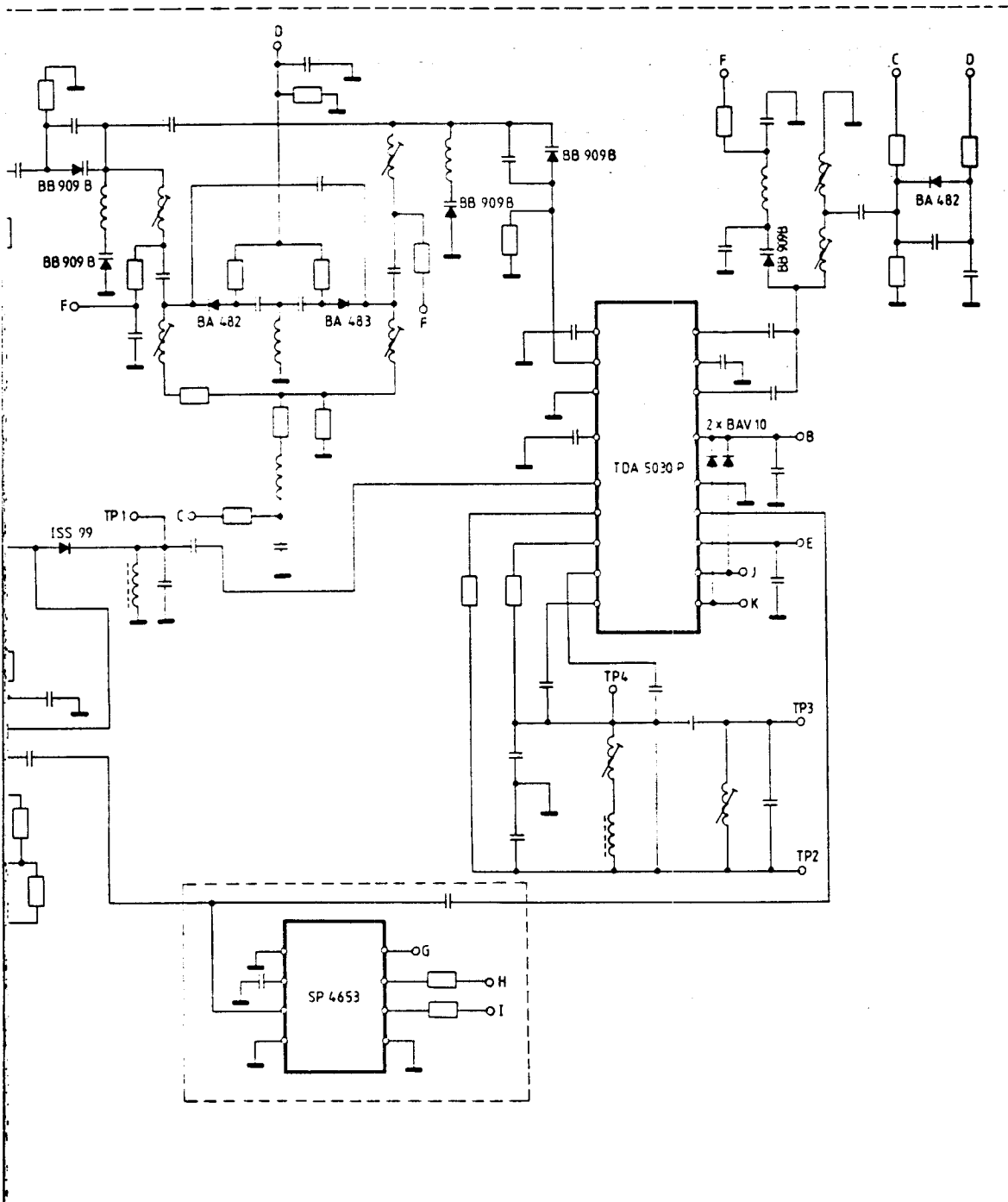


Diagram of 1TU1 VHF-S-UHF tuner (type UV618) 8050092

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SERVICEJUSTERINGER VED HJÆLP AF
TERMINAL

Reset

Lys og farvemætning indstilles på nominelle værdier (32 på billedskærmens front).

Denne værdi gemmes (Stores) i modtageren, **STORE** **PICTURE** **STORE** således at den indstilles ved aktivering af **RESET**.

Preset

Justering ved hjælp af videoterminal.

Preset justering af lys, farvemætning og valg af transposefrekvens. Sidstnævnte i multistandard modtagere (System B-G-L).

Lys og farvemætning indstilles til nominelle værdier, som under RESET.

1. Modtager i ST BY.
2. Kortslut stikkene mærket »SERVICE« på modul 1 Tuner IF eller modul 9 Tuner IF (multistandard).
3. Tænd modtageren.

Justeringsoversigt

SERVICE ADJUSTMENTS BY MEANS OF
TERMINAL

Reset

Brilliance and saturation is set at nominal values (32 on the front of the viewing screen). Store this value in the receiver **STORE** **PICTURE** **STORE** in the way that it sets when activating **RESET**.

Preset

Adjustment by means of video terminal.

Preset adjustment of brilliance, saturation and selection of transpose frequency. The latter in multistandard receivers (System B-G-L).

Brilliance and saturation are set at nominal values, like for RESET.

1. Receiver in ST BY.
2. Short circuit the sockets marked »SERVICE« on module 1 Tuner IF or module 9 Tuner IF (multistandard).
3. Switch on the receiver.

Adjustments Survey

Justering/Adjustment	Område/Range	Typisk værdi/Typical value
Lys/Brilliance	0-7	3
Mætning/Saturation	0-7	3
k1	Anvendes ikke/Not used	
k2	Anvendes ikke/Not used	
Transpose frequency	193-200	Anvendes i multistandard app/ Used in multistandard sets

STEP knappen skifter til næste justering.

Justering sker ved hjælp af ☐ og ☐.

De ønskede værdier lagres ved aktivering af **STORE** to gange. Display skifter til grønt. Omfatter kun den justering der indikeres af displayet.

The **STEP**-button switches to next adjustment.

Adjustment takes place by means of ☐ and ☐.

Store the values wanted by activating **STORE** twice. Display switches into green. This goes only for the adjustment indicated on the display.

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JUSTE
Under
være t
andet

Service

Modul
Video
Oscillo

Med R
til 2.2

AGC 1
Før de
minim

Antenn

Voltme

Med R
justere

Modul
Video
Test b
Oscillo

Med R
til 2.5

AGC 1
Test b
Før de
minim

Antenn

Voltme

Med R
justere

Peak
Test b
Oscillo

Med R
til 2.5

AGC 1
Test b
Før de
minim

Antenn

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MAURITRON T
8 Cherry T
Oxon
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Email: enquiry@mauritron.co.uk

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