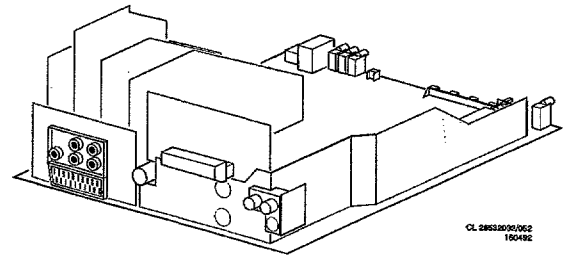


Service
Service
Service

Anubis B

AB



Service Manual

Table of contents	Page
2. Technical specification and connection facilities	2.1
3. Warnings and notes	3.1
4. Mechanical instructions	4.1
5. Detailed blockdiagram for fault diagnosis	5.1
Overview oscillograms	
6. Electrical diagrams and print lay-outs	
Operation (diagram A)	6.1
Power supply and synchronization(diagram B)	6.6
Tuner, IF and source selection (diagram C)	6.13
Video and picture tube panel (diagram D)	6.21
Sound (diagram E)	6.25
Teletext module (diagram F)	6.31
Interface (diagram G)	6.33
7. Electrical adjustments	7.1
8. List of error messages and Directions for use	8.1
9. Survey of menus	9.1
10. Spare parts lists	10.1

Mains voltage: 220 - 240V \pm 10%, 50Hz \pm 10%

Aerial input impedance: 75 Ω - coax

Minimum aerial input VHF: 40 μ V

Minimum aerial input UHF: 40 μ V

Maximum aerial input: 180mV

Pull-in range colour sync: \pm 300Hz

Pull-in range horizontal sync: \pm 600Hz

Pull-in range vertical sync: \pm 5Hz

Picture tube range: 14", 15", 17" and 21"

Euroconnector (EXT 1)

1	Audio	⊕	R (0,5V RMS \leq 1k Ω)
2	Audio	⊖	R (0,2 - 2V RMS \geq 10k Ω)
3	Audio	⊕	L (0,5V RMS \leq 1k Ω)
4	Audio	⊥	
5	Blue	⊥	
6	Audio	⊖	L (0,2 - 2V RMS \geq 10k Ω)
7	Blue	⊥	(0,7V _{pp} /75 Ω)
8	CVBS-status 1	⊖	(0 - 2V int.)(10 - 12V ext.)
9	Green	⊥	
11	Green	⊥	(0,7V _{pp} /75 Ω)
13	Red	⊥	
15	Red	⊥	(0,7V _{pp} /75 Ω)
16	RGB-status		(0 - 0,4V int.)(1 - 3V ext. 75 Ω)
17	CVBS	⊥	
18	CVBS	⊥	
19	CVBS	⊕	(1V _{pp} /75 Ω)
20	CVBS	⊖	(1V _{pp} /75 Ω)
21	Earthscreens		

⊕ ⊖ 3.5mm 8 - 600 Ω /15mW

Indications

- On Screen Display (OSD)
- LED:
 - stand-by (red)
 - operative (green)
 - RC5 reception (orange)
 - 2nd carrier wave present (green)
 - Alarm on (yellow)

SVHS (EXT2)

1 -	⊥	
2 -	⊥	
3 - Y	⊖	(1V _{pp} /75 Ω)
4 - C	⊖	(0,3V _{pp} /75 Ω)

2x ⊕ CINCH Audio ⊖ L + R (0,2V_{eff};
0,5V_{nom} \geq 10k Ω)

Audio for mono TV's

1x ⊕ CINCH ⊖ Audio (0,2V_{eff}; 0,5V_{nom} \geq 10k Ω)

1x ⊕ CINCH ⊕ Audio (0,5V_{eff}; \leq 1k Ω)

Audio for stereo TV's

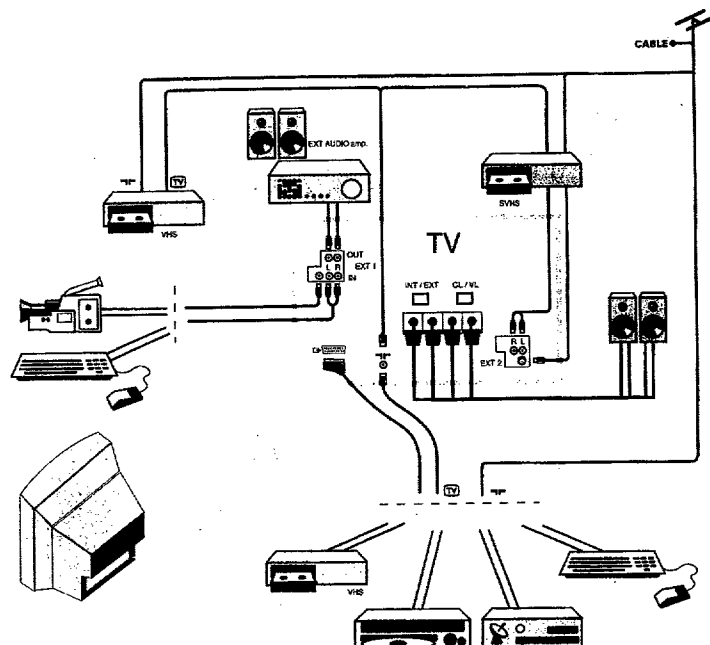
2x ⊕ CINCH ⊖ Audio L + R (0,2V_{eff}; 0,5V_{nom} \geq 10k Ω)

2x ⊕ CINCH ⊕ Audio L + R (0,5V_{eff}; \leq 1k Ω)

4x ⊕ External loudspeakers L + R 15 Ω

Video

1x ⊕ CINCH Video



1. A set to be repaired should always be connected to the mains via a suitable isolating transformer.
2. Safety regulations demand that the set be restored to its original condition and that components identical with the original types be used. Safety components are marked by the symbol ▲.
3. To prevent damage to ICs and transistors any flash-over of the EHT should be avoided. To prevent damage to the picture tube the method, indicated in Fig. 3.1, has to be applied to discharge the picture tube. Make use of an EHT probe and a universal meter (position DC-V). Discharge until the reading of the meter is 0V (after approx. 30s).
4. **ESD** ▲
All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair may reduce life drastically. When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools on the same potential.
5. Together with the deflection unit and the possible multipole unit the flat square picture tubes applied form one whole. The deflection and multipole units have been adjusted optimally in the factory. Adjustment of these units during repair is thus not recommended.
6. The EHT cable has been bonded in the line output transformer. It can thus not be replaced.
7. Proceed with care when testing the EHT section and the picture tube.
8. Never replace any modules or any other parts while the set is switched on.
9. Wear safety goggles during replacement of the picture tube.
10. Use plastic instead of metal alignment tools. This in order to preclude short-circuit or to prevent a specific circuit from being rendered unstable.

1. Service default mode

The service default mode (SDM) is a fixed, defined state the set can be brought in. The SDM is switched in by short circuiting the 2 SDM-pins on the carrier panel when switching the set on with the mains switch. If the SDM is switched in an "S" appears on the screen. The SDM can be exited by putting the set in stand-by. Volume, brightness, contrast and colour saturation are set at a fixed value in the SDM.

2. The direct voltages and waveforms should be measured relative to the nearest earthing point on the printed circuit board.
3. The direct voltages and oscillograms are measured with a switched on service default mode. Use a colour bar pattern of pattern generator PM5515 as input signal (except in case this is not otherwise specified).
4. If necessary, the oscillograms and DC voltages are measured with (⌋) and without (✕) aerial signal. Voltages in the power supply section have been measured for both normal operation (⏻) and in the stand-by mode (Ⓛ). These values have been indicated by means of the corresponding symbols.
5. The components, mentioned in the parts lists, are per position completely interchangeable with the components in the set, irrespective of the possible type indications.
6. The picture tube board is provided with printed spark gaps. Each spark gap is arranged between an electrode of the picture tube and the aquadag coating.

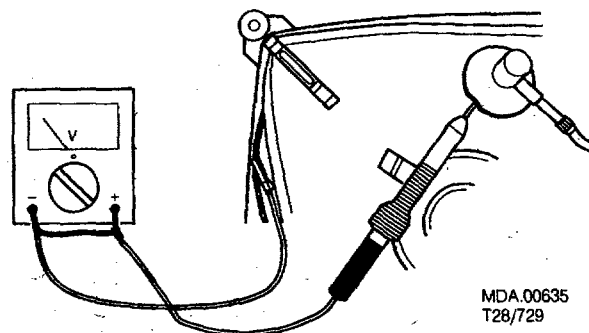


Fig. 1

1. Servicing position

To facilitate troubleshooting and repairing the set, the chassis can, after disconnection of the degaussing coil, be pulled out of the cabinet, turned 180°, and placed behind it (see Fig. 4.1).

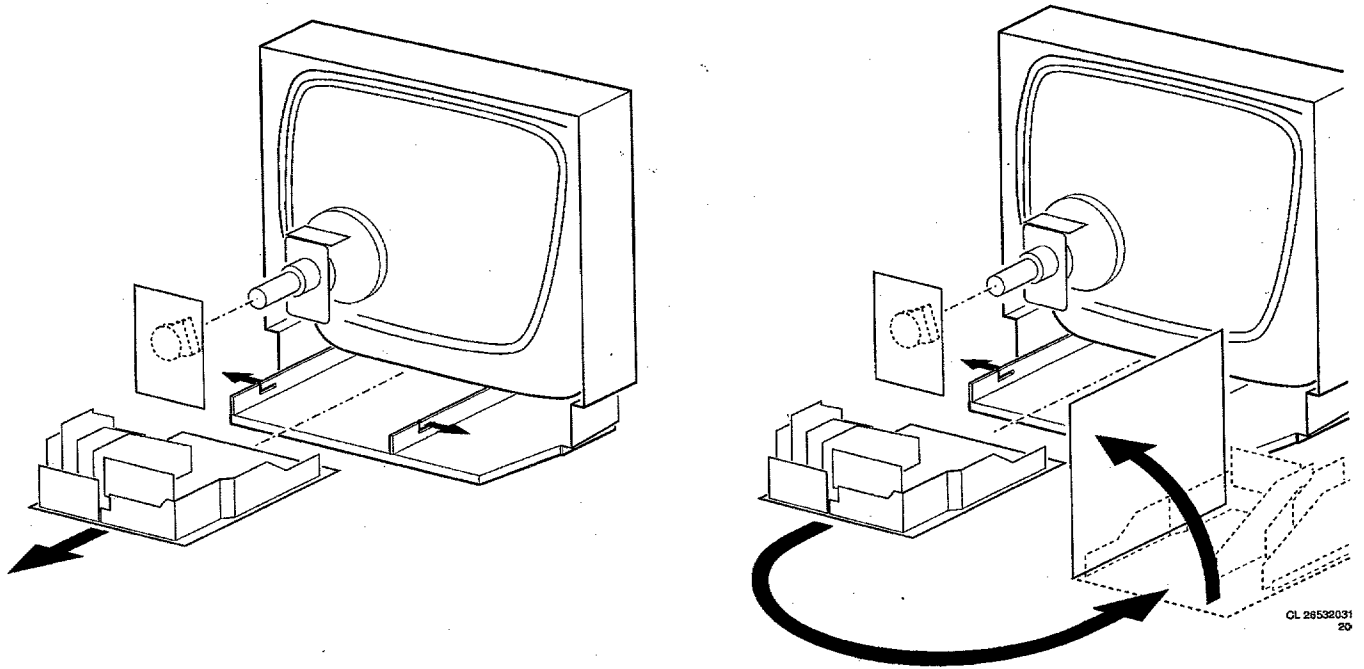
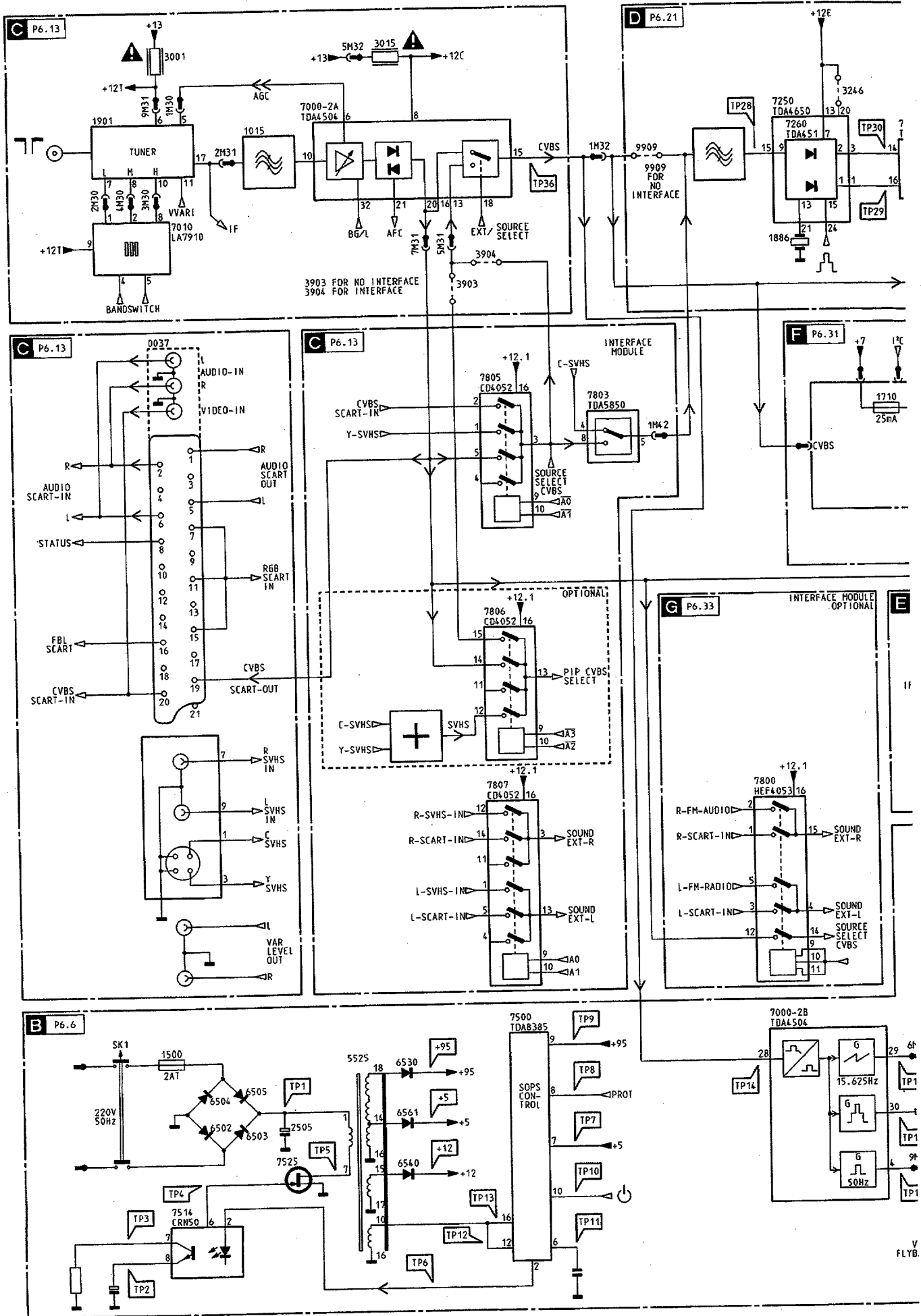
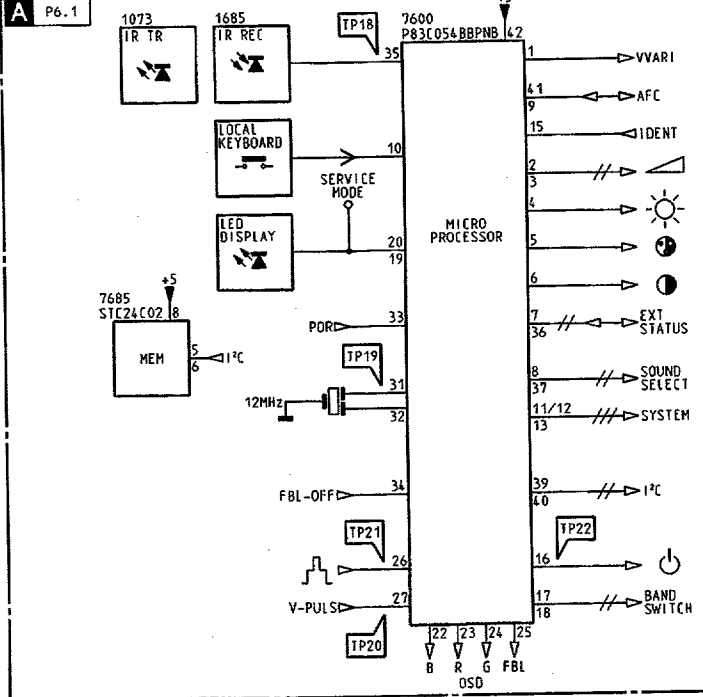
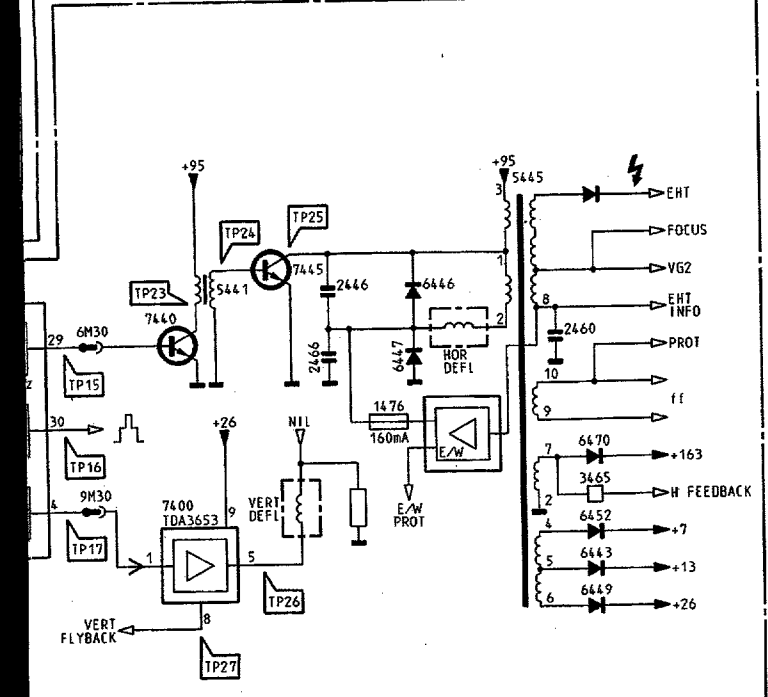
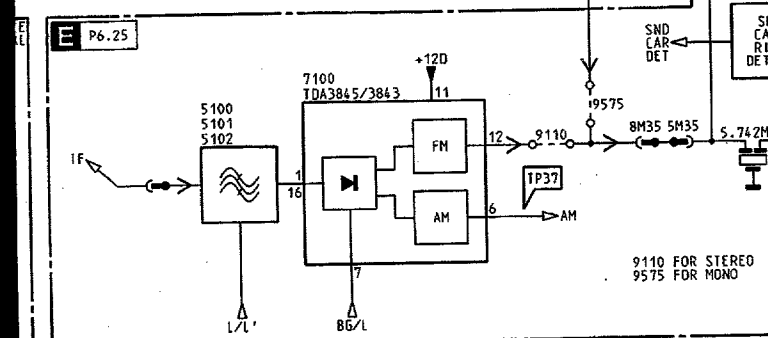
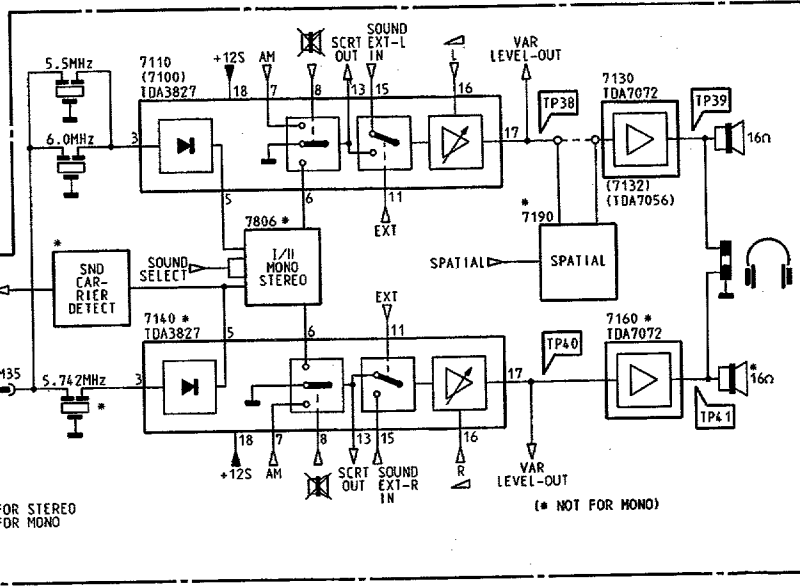
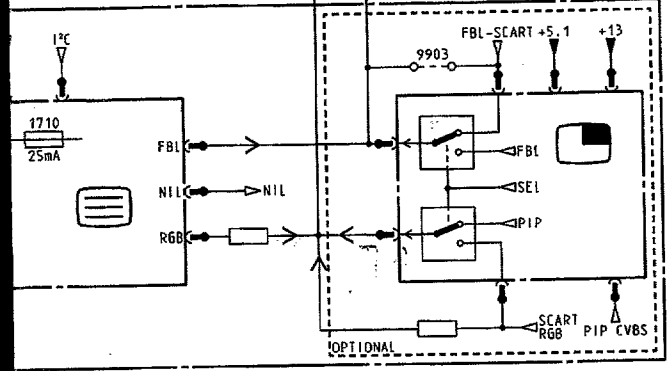
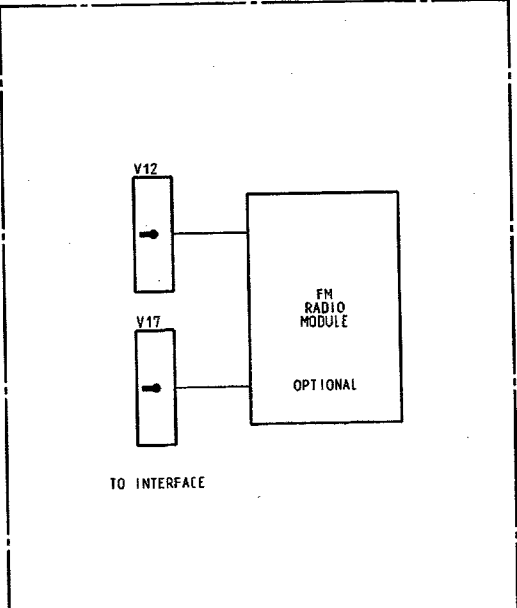
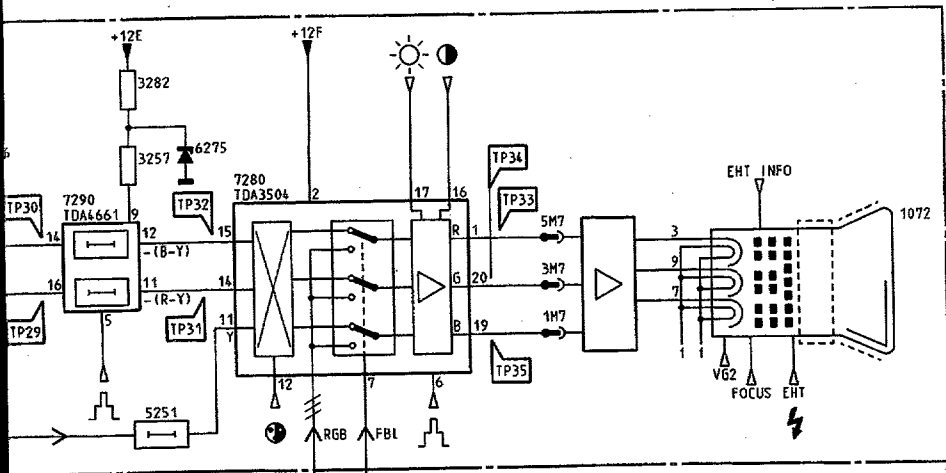
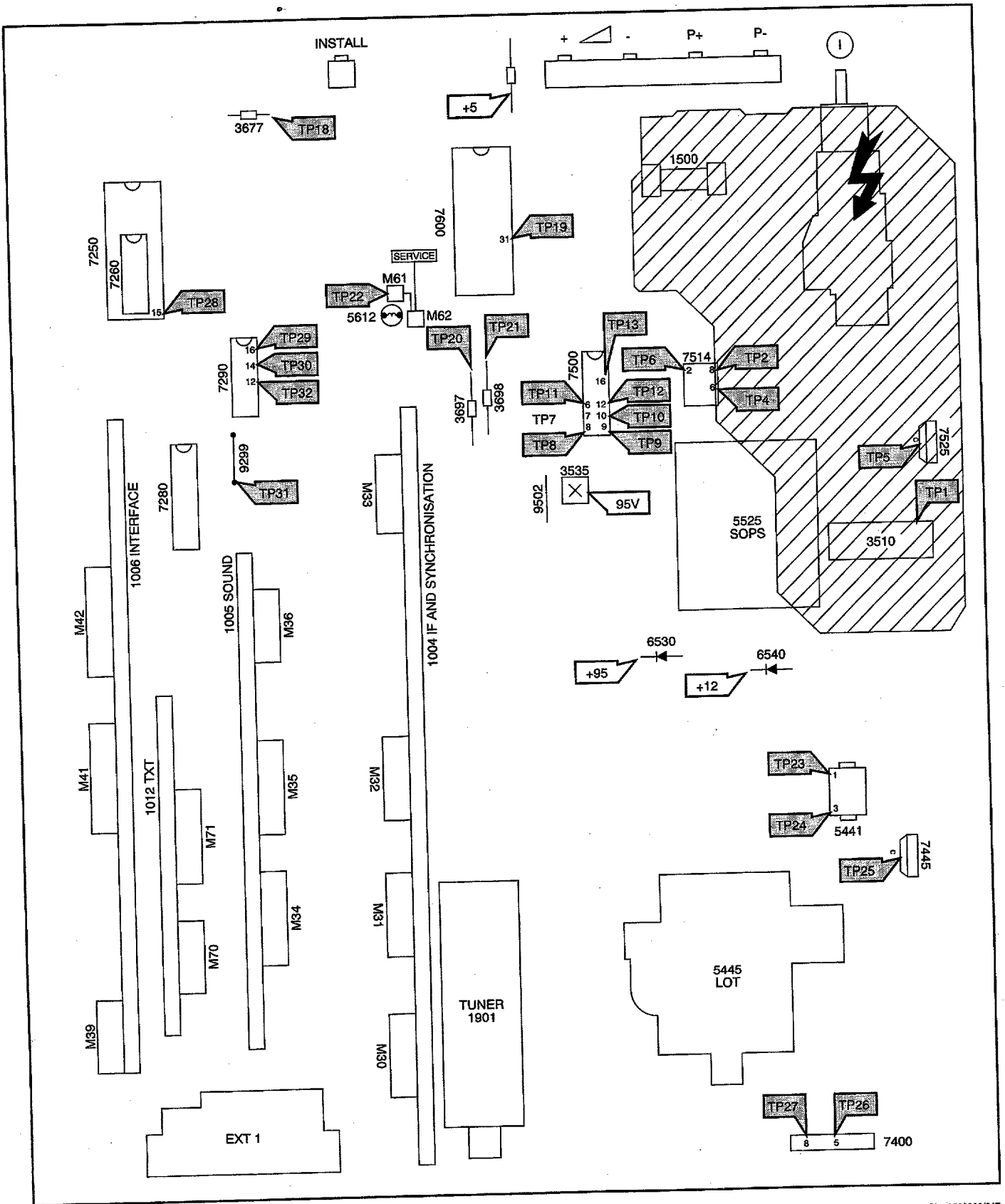
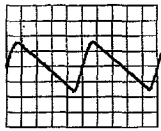


Fig 4.1

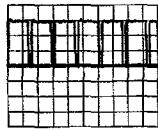




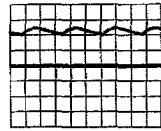




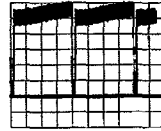
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2 mS/div



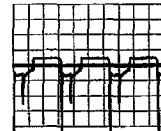
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10 uS/div



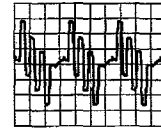
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20 mS/div



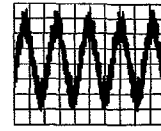
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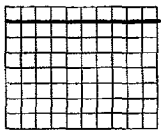
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20 uS/div



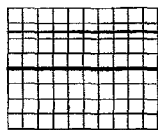
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20 uS/div



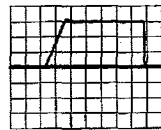
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0,5 mS/div



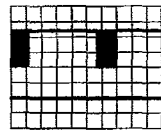
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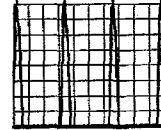
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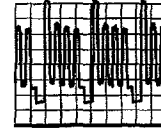
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2 uS/div



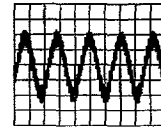
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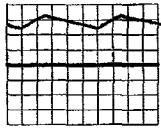
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20 uS/div



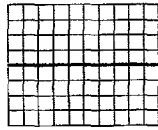
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20 uS/div



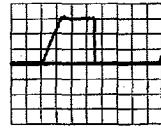
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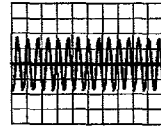
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TP 7 Ⓞ



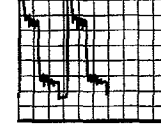
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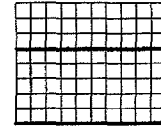
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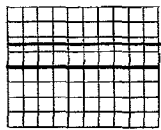
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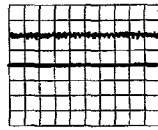
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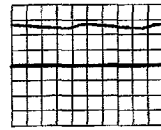
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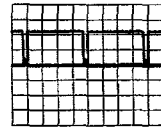
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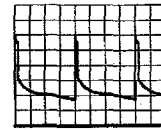
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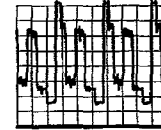
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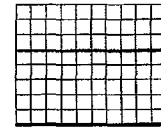
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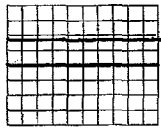
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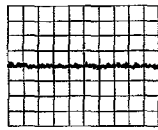
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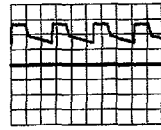
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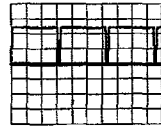
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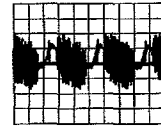
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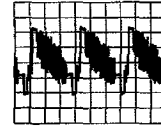
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20 mS/div



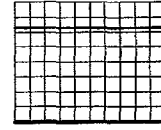
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20 uS/div



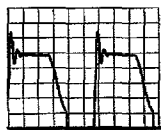
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20 uS/div



TP 36 Ⓞ
0,5V/div AC
20 uS/div



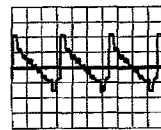
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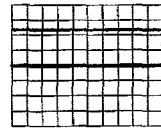
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5 uS/div



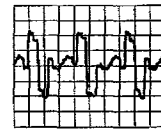
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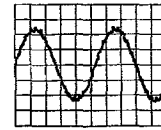
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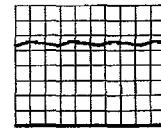
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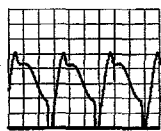
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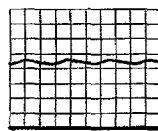
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0,2 mS/div



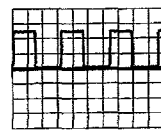
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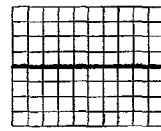
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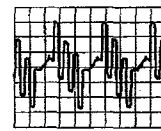
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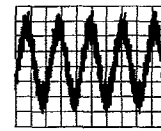
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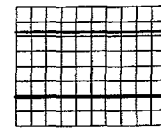
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2 V/div DC



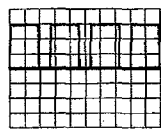
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20 uS/div



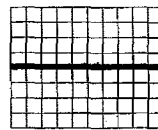
TP 38 Ⓞ
20 mV/div AC
0,5 mS/div



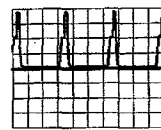
TP PLUS 95 Ⓞ
20 V/div DC



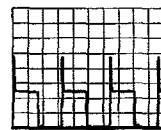
TP 6 Ⓞ
0,5 V/div DC
10 uS/div



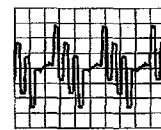
TP 10 Ⓞ
1 V/div DC
20 mS/div



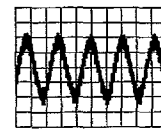
TP 16 Ⓞ
2 V/div DC
20 uS/div



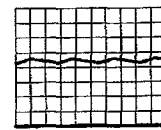
TP 23 Ⓞ
20 V/div DC
20 uS/div



TP 31 Ⓞ
0,2 V/div AC
20 uS/div



TP 39 Ⓞ
0,1 V/div AC
0,5 mS/div



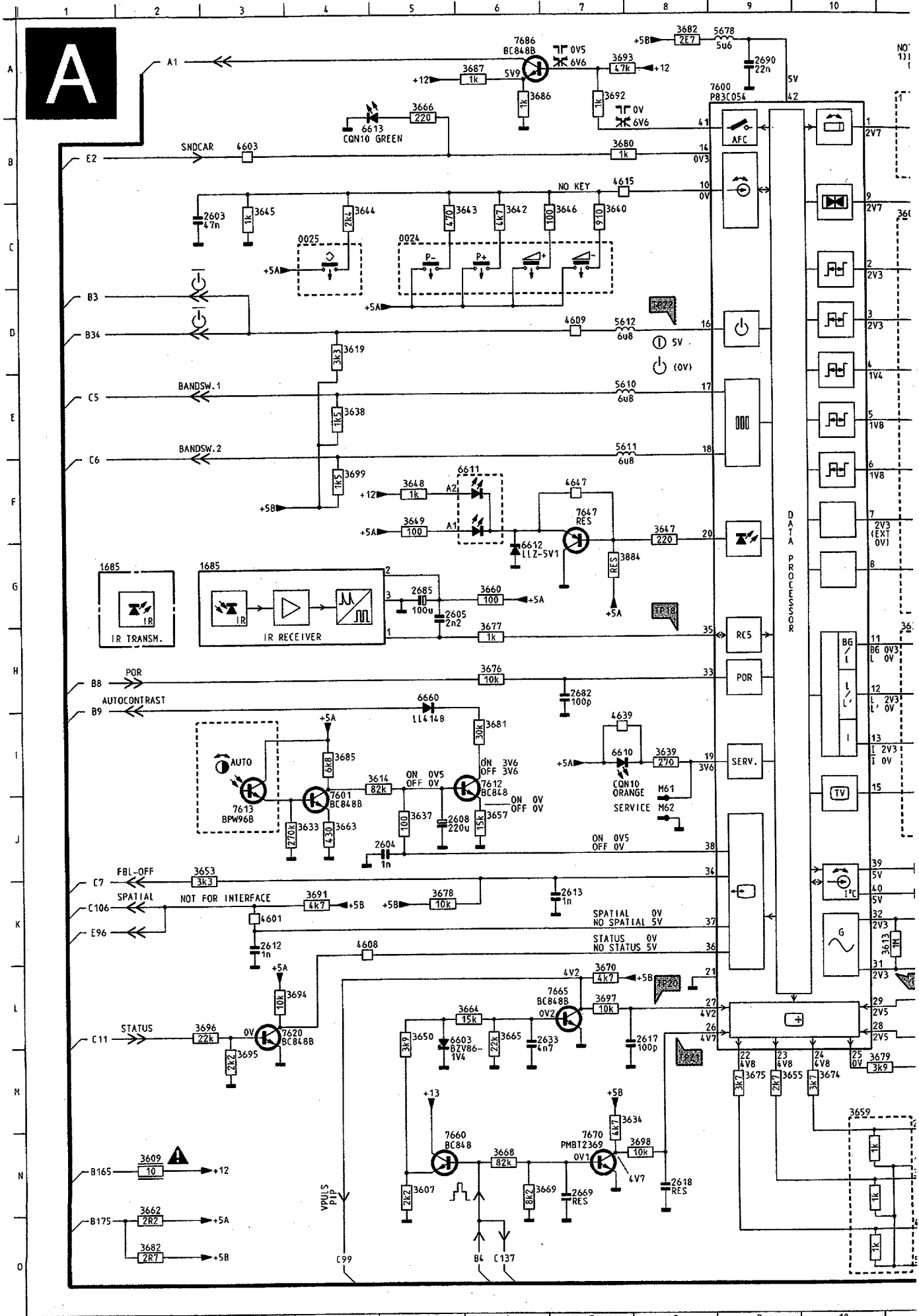
TP PLUS 95 Ⓞ
20 V/div DC
20 mS/div

7525
TP1

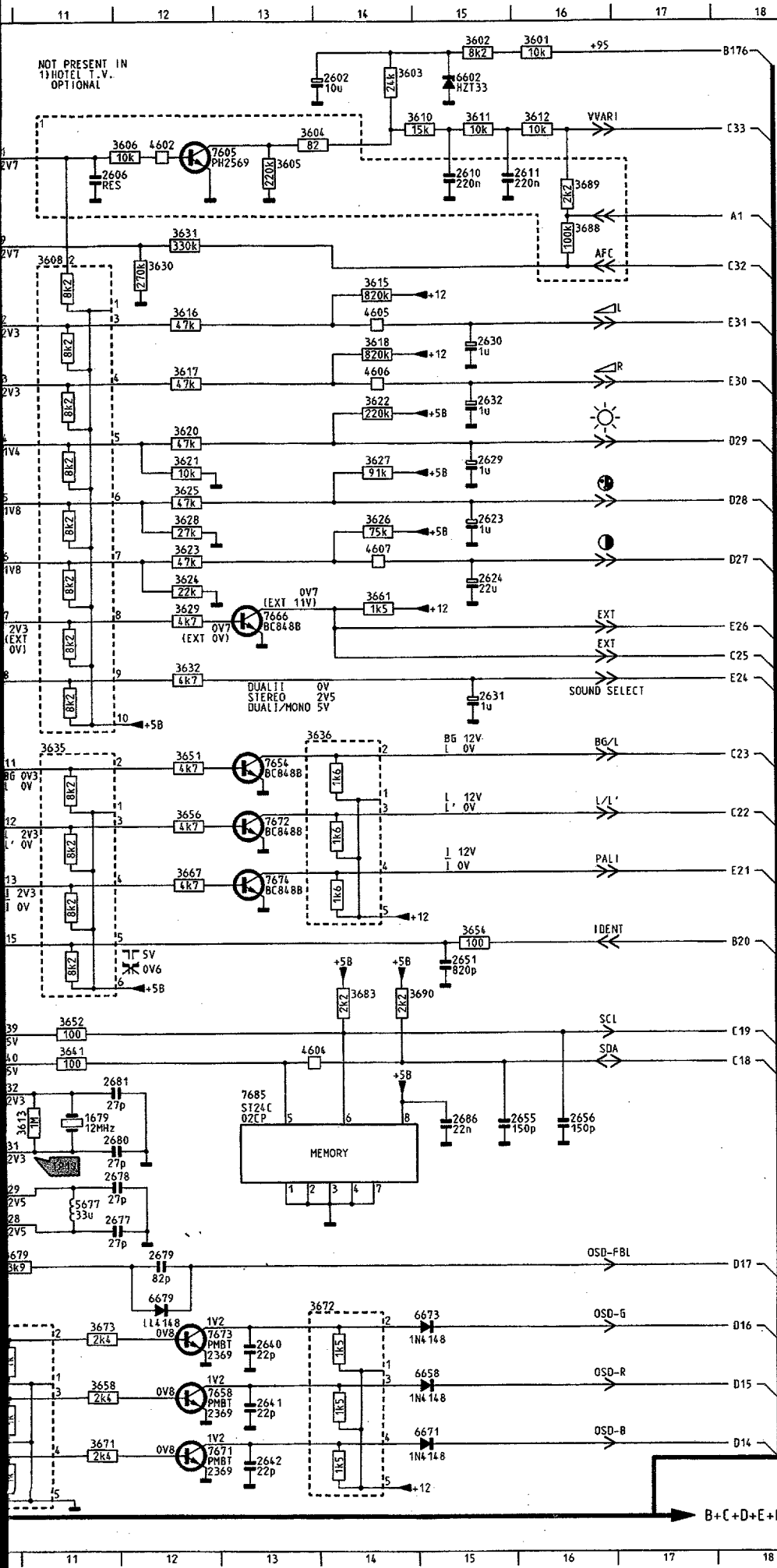
2.26532032/047
300392

Controls / Bedienung / Commandes

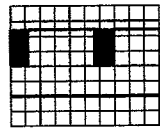
ANUBIS B 6.1



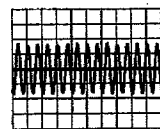
6.2 ANUBIS B



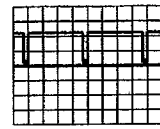
A



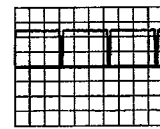
TP 18
2 V/div DC
20 mS/div



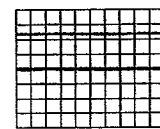
TP 19
1 V/div DC
125 nS/div



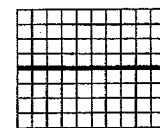
TP 20
2 V/div DC
5 mS/div



TP 21
2 V/div DC
20 uS/div



TP 22
2 V/div DC

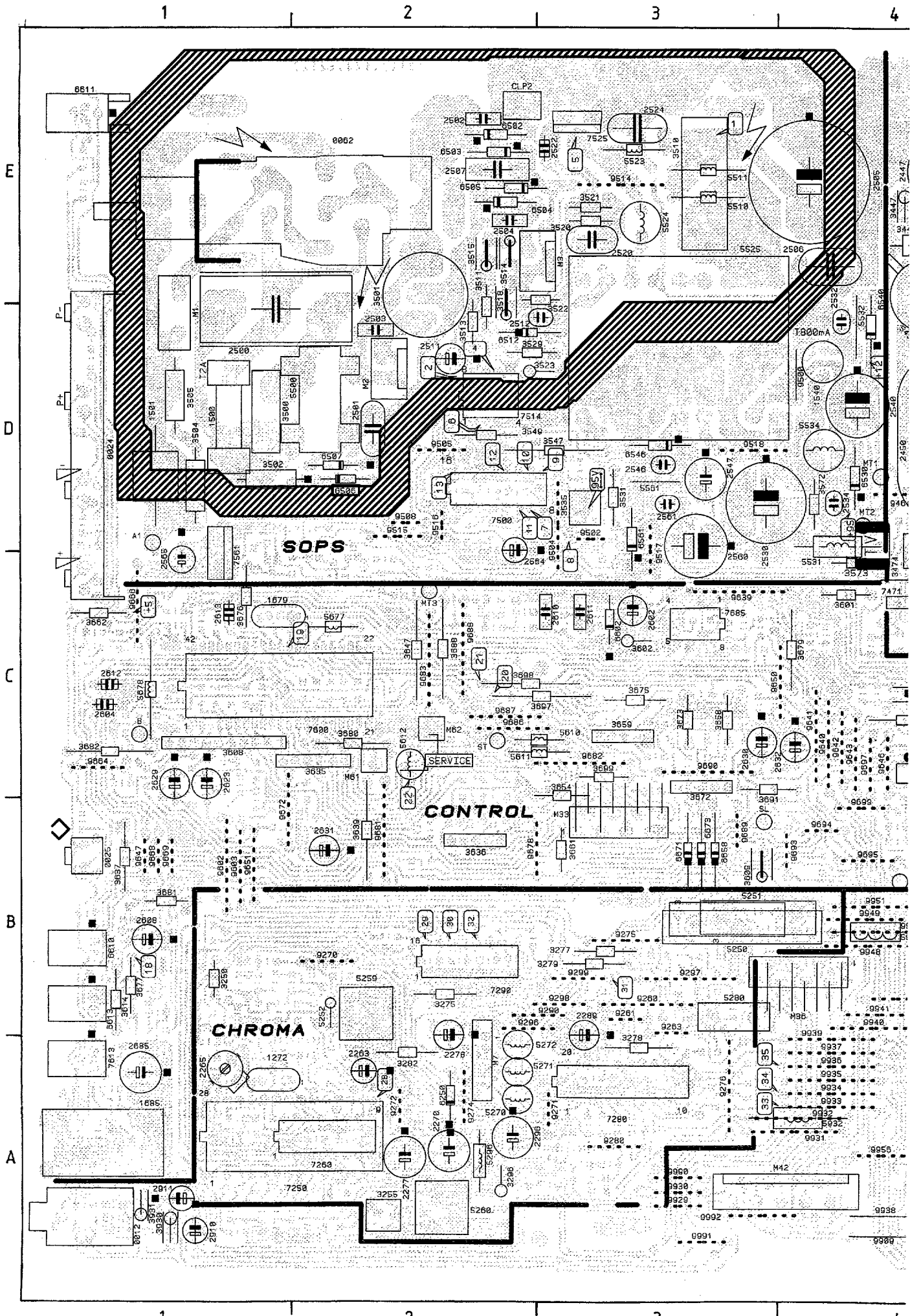


TP 22
2 V/div DC

ANUBIS B
CL36532019/011.AREF
120293

0024	C 5	3677	H 6
0025	C 4	3678	K 5
1679	K 11	3679	M 10
1685	G 1	3680	B 7
1685	G 2	3681	I 6
2602	A 14	3683	J 4
2603	C 3	3685	I 4
2604	J 5	3686	A 6
2605	G 5	3687	A 6
2606	B 11	3688	B 16
2608	J 5	3689	B 16
2610	B 15	3690	J 4
2611	B 16	3691	K 4
2612	K 3	3692	A 7
2613	K 7	3693	A 7
2617	L 8	3694	L 3
2618	N 8	3695	M 3
2623	E 15	3696	L 2
2624	F 15	3697	L 7
2629	E 15	3698	N 8
2630	D 15	3699	F 4
2631	G 15	3884	G 7
2632	D 15	4601	K 12
2633	L 6	4602	B 12
2640	N 13	4603	B 3
2641	N 13	4604	K 13
2642	J 13	4605	C 14
2651	O 15	4606	D 14
2655	K 15	4607	F 14
2656	K 16	4608	K 4
2669	N 7	4609	D 7
2677	L 11	4615	B 7
2678	L 11	4639	I 7
2679	M 12	4667	F 7
2680	L 11	5610	E 7
2681	K 11	5611	E 7
2682	H 7	5612	D 7
2685	G 5	5677	L 11
2686	K 15	5678	A 9
2690	A 9	6602	A 15
3601	A 16	6603	L 5
3602	A 15	6610	I 7
3603	A 14	6611	F 5
3604	A 13	6612	G 6
3605	B 13	6613	B 5
3606	B 12	6658	N 15
3607	N 5	6660	H 5
3608	C 11	6671	O 15
3609	N 2	6673	M 15
3610	A 15	6679	M 12
3611	A 15	7600	A 9
3612	A 16	7601	J 4
3613	K 11	7605	B 12
3614	I 5	7612	I 6
3615	C 14	7613	J 3
3616	C 12	7620	L 3
3617	D 12	7647	H 7
3618	D 14	7654	F 13
3619	D 4	7658	N 12
3620	D 12	7660	N 5
3621	E 12	7665	L 7
3622	D 14	7666	F 13
3623	F 12	7670	N 7
3624	F 12	7671	O 12
3625	E 12	7672	H 13
3626	E 14	7673	N 12
3627	E 14	7674	I 13
3628	E 12	7685	K 13
3629	F 12	7686	A 6
3630	C 12		
3631	B 12		
3632	G 12		
3633	J 4		
3634	M 7		
3635	H 11		
3636	G 13		
3637	J 5		
3638	E 4		
3639	I 8		
3640	C 7		
3641	K 11		
3642	C 6		
3643	C 5		
3644	C 4		
3645	C 3		
3646	C 7		
3647	F 8		
3648	F 5		
3649	F 5		
3650	L 5		
3651	H 12		
3652	J 11		
3653	J 2		
3654	I 15		
3655	M 9		
3656	H 12		
3657	J 6		
3658	M 11		
3659	M 10		
3660	G 6		
3661	F 14		
3662	N 2		
3663	J 4		
3664	L 6		
3665	L 6		
3666	A 5		
3667	I 12		
3668	N 6		
3669	N 6		
3670	L 7		
3671	O 11		
3672	M 13		
3673	M 11		
3674	M 10		
3675	M 9		
3676	H 6		

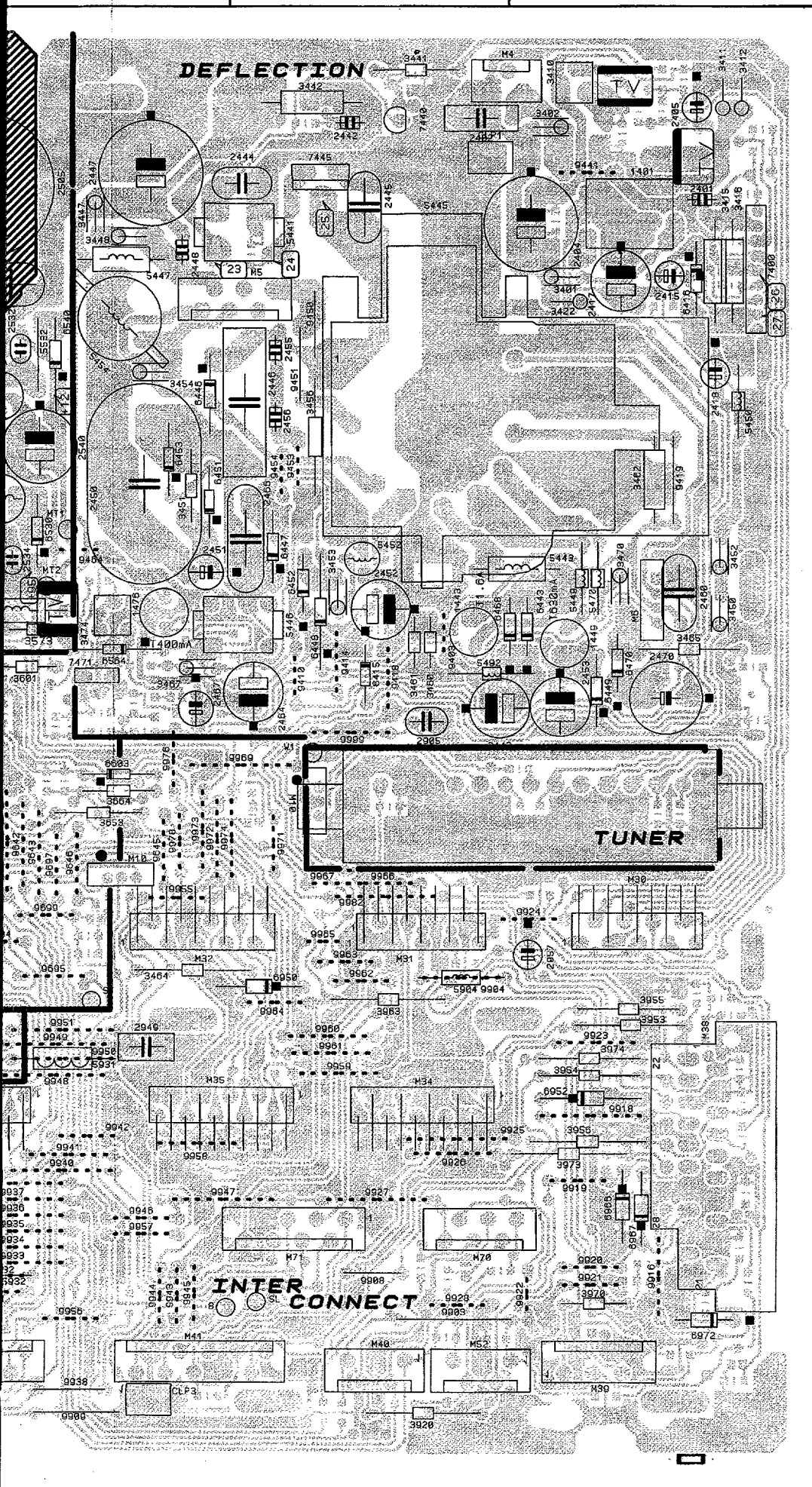
B+C+D+E+F



4

5

6



E

D

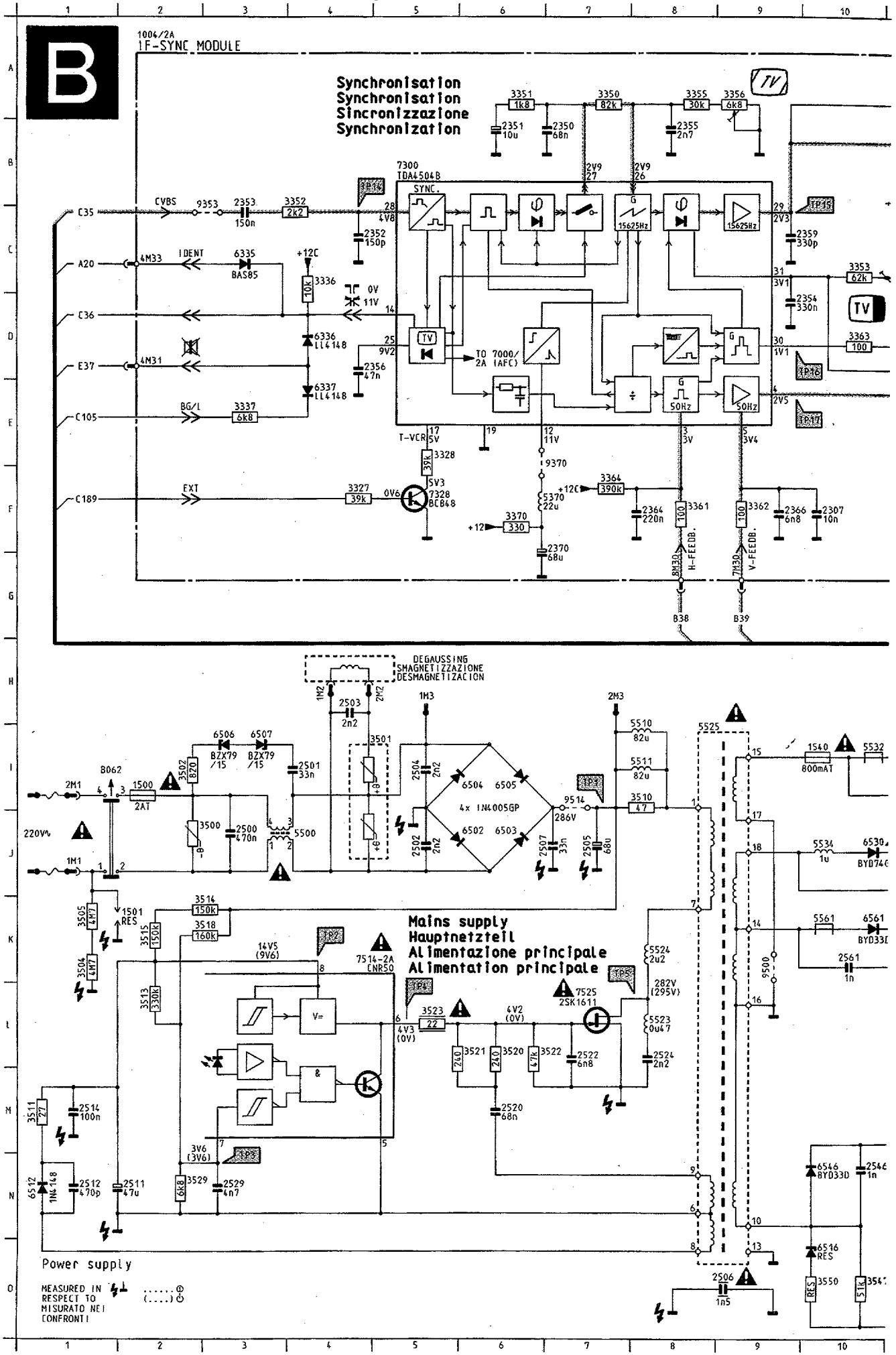
C

B

A

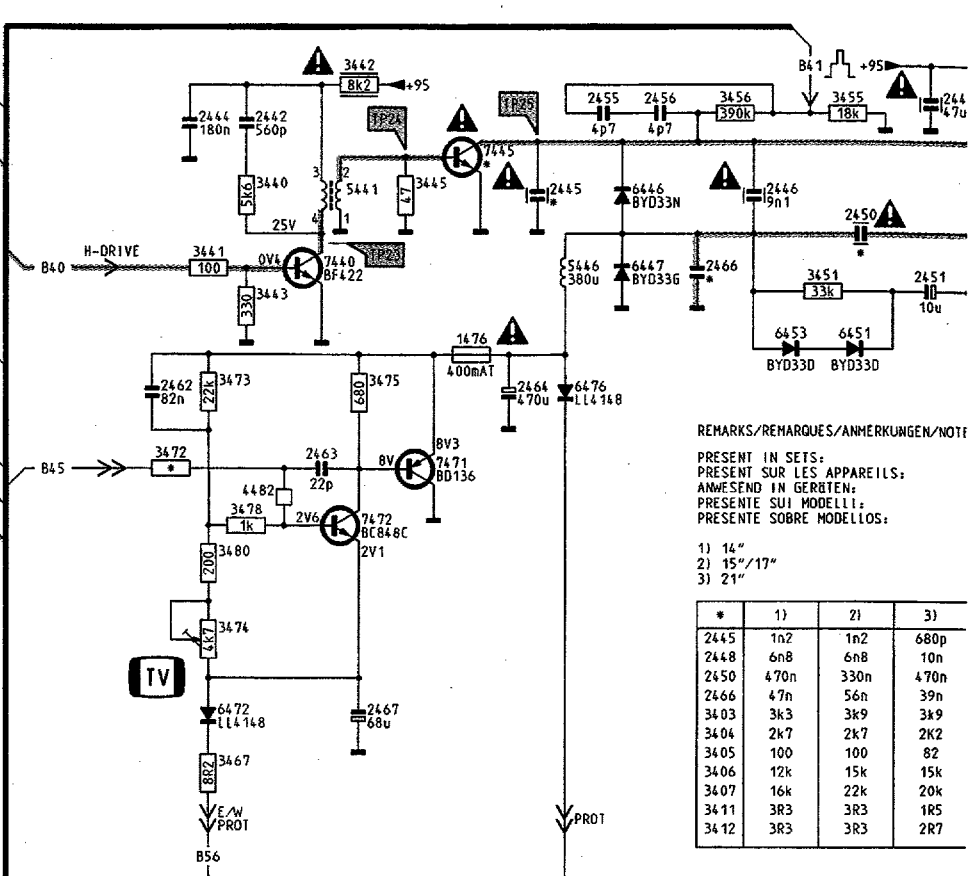
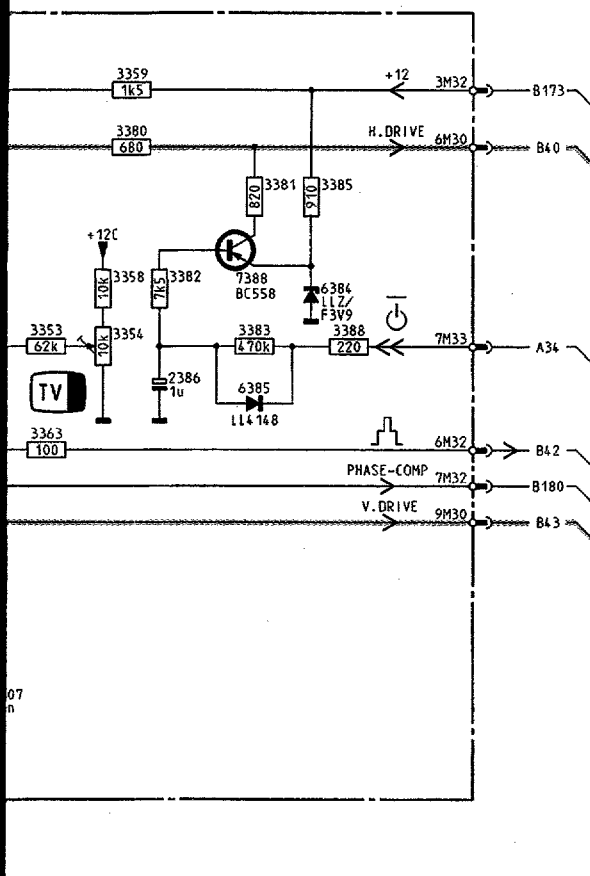
M1	D1	2685	A1	5259	B2
M2	D2	2905	C5	5260	A2
M3	E3	2910	A1	5270	A2
M4	E5	2911	A1	5271	A2
M5	E5	2949	B4	5272	A2
M6	C6	2957	B6	5280	A3
M7	A2	3250	B1	5296	A2
M10	C5	3255	A2	5441	E4
M30	B6	3275	B2	5443	D6
M31	B5	3277	B3	5445	D5
M32	B4	3278	A3	5446	C4
M33	B3	3279	B3	5447	C4
M34	B5	3282	A2	5449	E6
M35	B4	3296	A2	5450	D6
M36	B4	3401	E6	5452	D5
M38	A6	3402	E6	5454	D4
M39	A6	3410	E6	5470	C6
M40	A5	3411	E6	5492	C5
M41	A4	3412	E6	5500	D1
M42	A3	3415	E6	5510	E3
M52	A5	3416	E6	5511	E3
M61	B2	3422	D6	5523	E3
M62	C2	3441	E5	5524	E3
M70	A6	3442	E5	5525	D3
M71	A5	3447	E4	5531	C4
0012	A1	3448	E4	5532	D4
0024	D1	3450	C6	5534	D4
0025	B1	3451	D4	5561	D3
0062	E1	3452	D6	5610	C3
1272	A1	3453	C5	5611	C3
1401	E6	3454	D4	5612	B2
1443	C5	3456	D5	5677	C2
1449	C6	3460	C5	5678	C1
1476	C4	3461	C5	5904	B5
1500	D1	3462	D6	5931	B4
1501	D1	3464	B4	5932	A4
1540	D4	3465	C6	6250	A2
1679	C1	3467	C4	6415	C5
1685	A1	3470	C6	6416	E6
1901	C6	3474	C4	6443	C6
2263	A2	3500	D1	6446	D4
2265	A1	3501	D2	6447	D5
2270	A2	3502	D1	6448	C5
2277	A2	3504	D1	6449	C6
2278	A2	3505	D1	6451	D4
2289	A3	3510	E3	6452	C5
2296	A2	3511	D2	6453	D4
2401	E6	3513	D2	6468	C5
2402	E5	3514	E2	6470	C6
2404	E6	3515	E2	6502	E2
2405	E6	3518	D2	6503	E2
2415	E6	3520	E3	6504	E2
2417	D6	3521	E3	6505	E2
2418	D6	3522	D3	6506	D2
2442	E5	3523	D3	6507	D2
2443	C5	3529	D2	6512	D2
2444	E5	3531	D3	6530	D4
2445	E5	3535	C3	6540	D4
2446	D6	3547	D3	6546	D3
2447	E4	3549	D2	6561	C3
2448	E4	3572	D4	6564	C4
2450	D4	3573	C4	6602	C3
2451	D4	3601	C4	6603	C4
2452	C5	3602	C3	6610	B1
2453	C6	3608	C1	6611	E1
2455	D5	3609	B3	6613	B1
2456	D5	3614	B1	6658	B3
2460	D6	3635	C2	6671	B3
2464	C5	3636	B2	6673	B3
2466	D5	3637	B1	6950	B5
2467	C4	3639	B2	6952	B6
2470	C6	3647	C2	6966	A6
2500	D2	3653	C4	6967	A6
2501	D2	3654	B3	6972	A6
2502	E2	3658	C3	7250	A1
2503	D2	3659	C3	7260	A1
2504	E2	3661	B3	7280	A3
2505	E4	3662	C1	7290	B2
2506	E4	3664	C4	7400	E6
2507	E2	3672	B3	7440	E5
2511	D2	3673	C3	7445	E5
2512	D3	3675	C3	7471	C4
2520	E3	3676	C1	7500	D2
2522	E3	3677	B1	7514	D2
2524	E3	3679	C4	7525	E3
2530	C3	3680	C2	7561	C1
2532	D4	3681	B1	7600	C1
2534	D4	3682	C1	7613	A1
2540	D4	3688	C2	7685	C3
2546	D3	3691	B3	9260	B3
2547	D3	3697	C3	9261	A3
2560	C3	3698	C2	9263	A3
2561	D3	3699	B3	9270	B2
2564	C2	3920	A5	9271	A3
2565	C1	3930	A1	9272	A2
2602	C3	3931	A1	9274	A2
2604	C1	3953	B6	9275	B3
2608	B1	3954	B6	9276	A3
2610	C3	3955	B6	9280	A3
2611	C3	3956	B6	9290	A3
2612	C1	3963	B5	9296	A2
2613	C1	3970	A6	9297	B3
2623	B1	3973	A6	9298	B3
2629	B1	3974	B6	9299	B3
2630	C3	5250	B3	9403	C5
2631	B2	5251	B4	9410	C5
2632	C4	5252	A2	9414	C5

5259	B2	9418	C5	9978	C4
5260	A2	9419	D6	9982	B5
5270	A2	9441	E6	9990	A3
5271	A2	9450	D5	9991	A3
5272	A2	9451	D5	9992	A3
5280	A3	9453	D5	9999	C5
5296	A2	9454	D5		
5441	E4	9464	D4		
5443	D6	9500	D4		
5445	D5	9502	C3		
5446	C4	9504	C3		
5447	E4	9505	D2		
5449	C6	9508	C2		
5450	D6	9514	E3		
5452	D5	9515	C2		
5454	D4	9516	C2		
5470	C6	9517	C3		
5492	C5	9518	D3		
5500	D1	9602	B1		
5510	E3	9603	B1		
5511	E3	9639	C3		
5523	E3	9640	C4		
5524	E3	9641	C4		
5525	D3	9642	C4		
5531	C4	9643	C4		
5532	D4	9645	C4		
5534	D4	9646	B4		
5561	D3	9647	B1		
5610	C3	9650	C4		
5611	C3	9651	B1		
5612	B2	9664	B1		
5677	C2	9666	C1		
5678	C1	9668	B1		
5904	B5	9669	B1		
5931	B4	9672	B1		
5932	A4	9678	B3		
6250	A2	9681	B2		
6415	C5	9682	B3		
6416	E6	9683	C2		
6443	C6	9686	C2		
6446	D4	9687	C2		
6447	D5	9688	C2		
6448	C5	9689	B3		
6449	C6	9690	B3		
6451	D4	9693	B4		
6452	C5	9694	B4		
6453	D4	9695	B4		
6468	C5	9697	B4		
6470	C6	9699	B4		
6502	E2	9903	A5		
6503	E2	9904	B5		
6504	E2	9908	A5		
6505	E2	9909	A4		
6506	D2	9916	A6		
6507	D2	9918	B6		
6512	D2	9919	A6		
6530	D4	9920	A6		
6540	D4	9921	A6		
6546	D3	9922	A6		
6561	C3	9923	B6		
6564	C4	9924	B6		
6602	C3	9925	B5		
6603	C4	9926	A5		
6610	B1	9927	A5		
6611	E1	9928	A5		
6613	B1	9929	A3		
6658	B3	9930	A3		
6671	B3	9931	A4		
6673	B3	9932	A4		
6950	B5	9933	A4		
6952	B6	9934	A4		
6966	A6	9935	A4		
6967	A6	9936	A4		
6972	A6	9937	A4		
7250	A1	9938	A4		
7260	A1	9939	A4		
7280	A3	9940	A4		
7290	B2	9941	A4		
7400	E6	9942	B4		
7440	E5	9943	A4		
7445	E5	9944	A4		
7471	C4	9945	A4		
7500	D2	9946	A4		
7514	D2	9947	A4		
7525	E3	9948	B4		
7561	C1	9949	B4		
7600	C1	9950	B4		
7613	A1	9951	B4		
7685	C3	9955	B4		
9260	B3	9956	A4		
9261	A3	9957	A4		
9263	A3	9958	B4		
9270	B2	9959	B5		
9271	A3	9960	B5		
9272	A2	9961	B5		
9274	A2	9962	B5		
9275	B3	9963	B5		
9276	A3	9964	B5		
9280	A3	9965	B5		
9290	A3	9966	B5		
9296	A2	9967	B5		
9297	B3	9969	C5		
9298	B3	9971	C5		
9299	B3	9972	C4		
9403	C5	9973	C4		
9410	C5	9974	C4		
9414	C5	9976	C4		



Alimentation

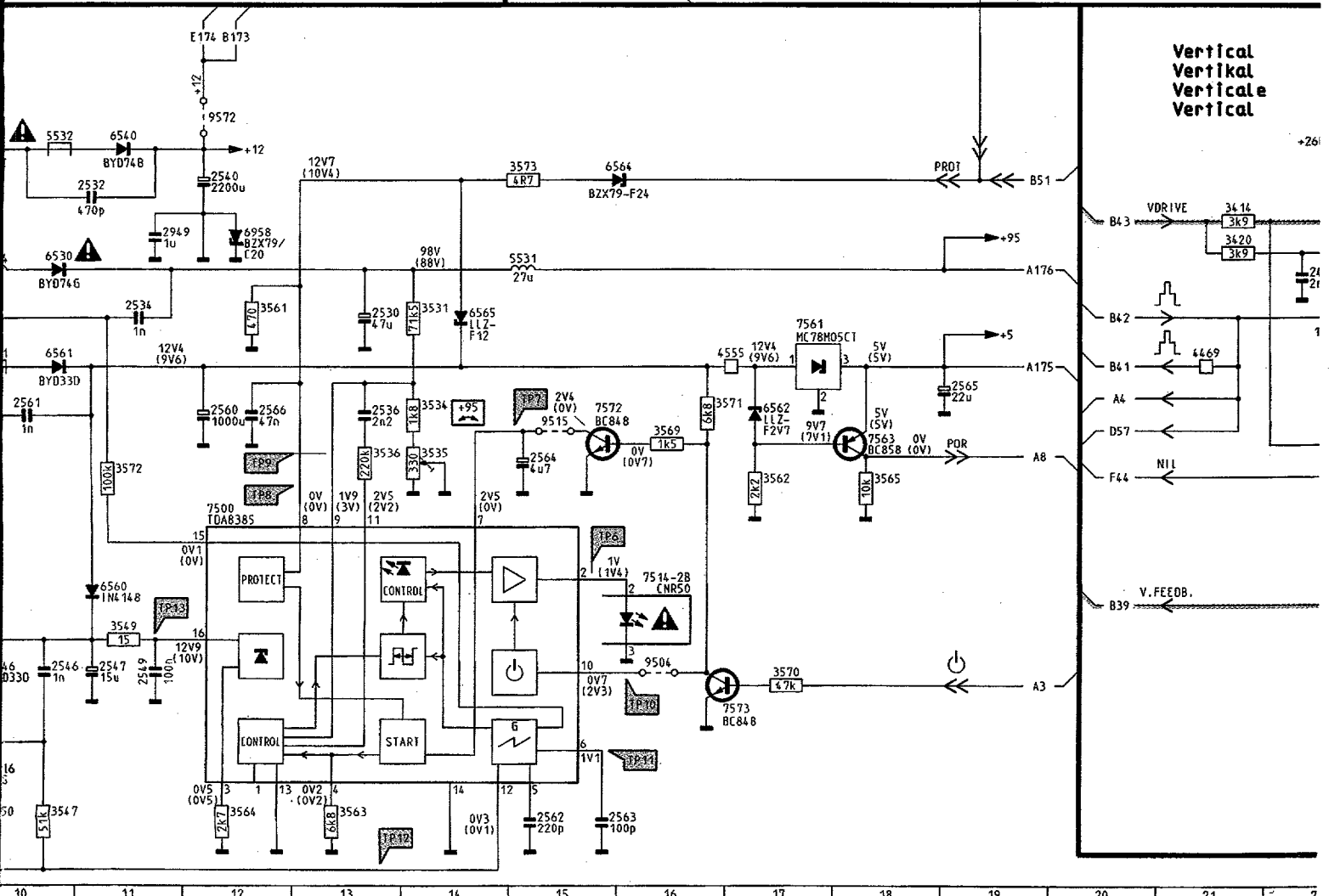
10 11 12 13 14 15 16 17 18 19 20 21 2



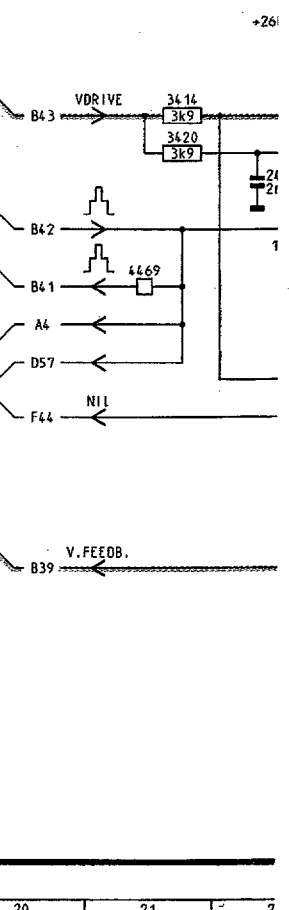
REMARKS/REMARQUES/ANMERKUNGEN/NOTI
 PRESENT IN SETS:
 PRESENT SUR LES APPAREILS:
 ANWESEND IN GERÄTEN:
 PRESENTE SUI MODELLI:
 PRESENTE SOBRE MODELLOS:

1) 14"
 2) 15"/17"
 3) 21"

*	1)	2)	3)
2445	1n2	1n2	680p
2448	6n8	6n8	10n
2450	470n	330n	470n
2466	47n	56n	39n
3403	3k3	3k9	3k9
3404	2k7	2k7	2K2
3405	100	100	82
3406	12k	15k	15k
3407	16k	22k	20k
3411	3R3	3R3	1R5
3412	3R3	3R3	2R7

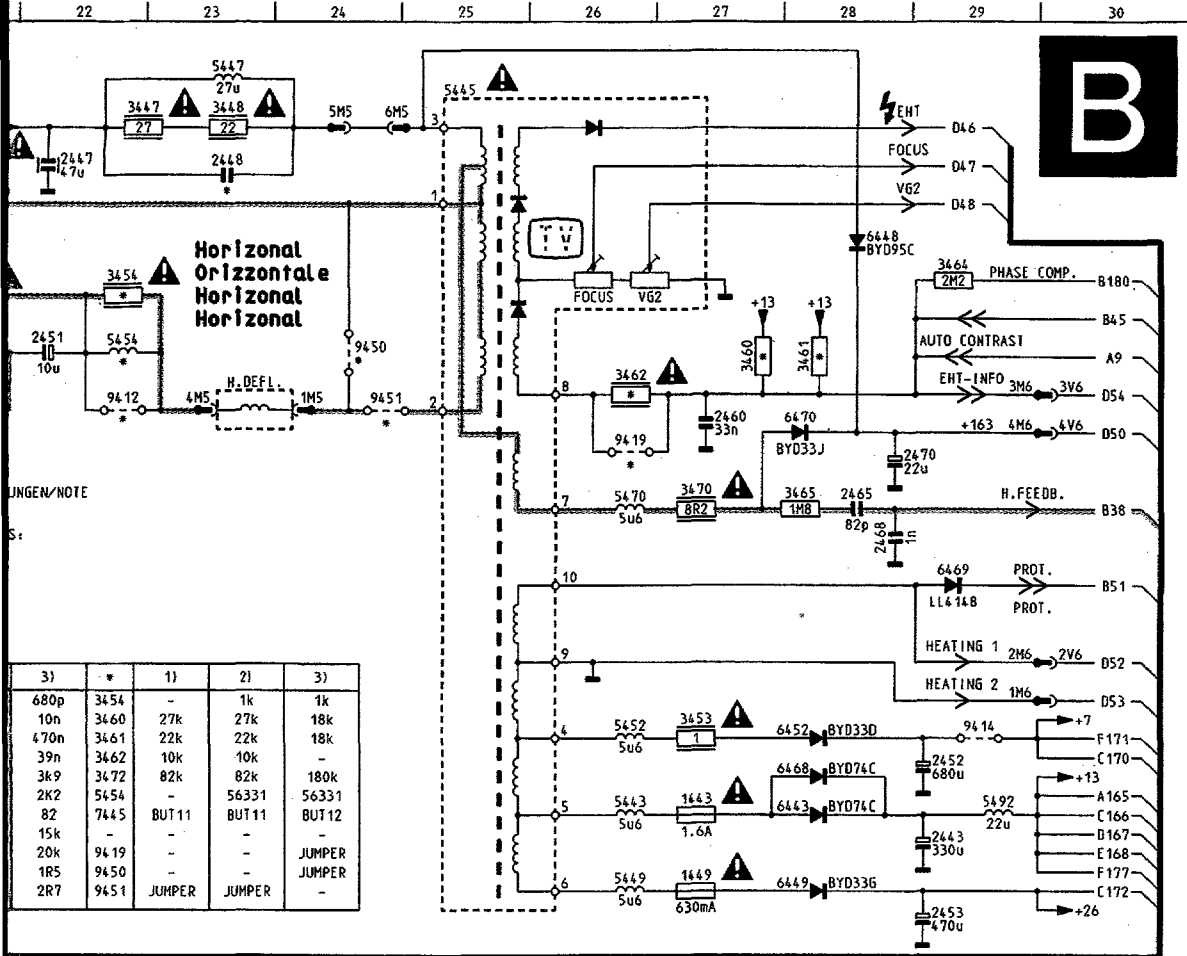


Vertical
 Vertikal
 Vertical
 Vertical
 Vertical



10 11 12 13 14 15 16 17 18 19 20 21 2

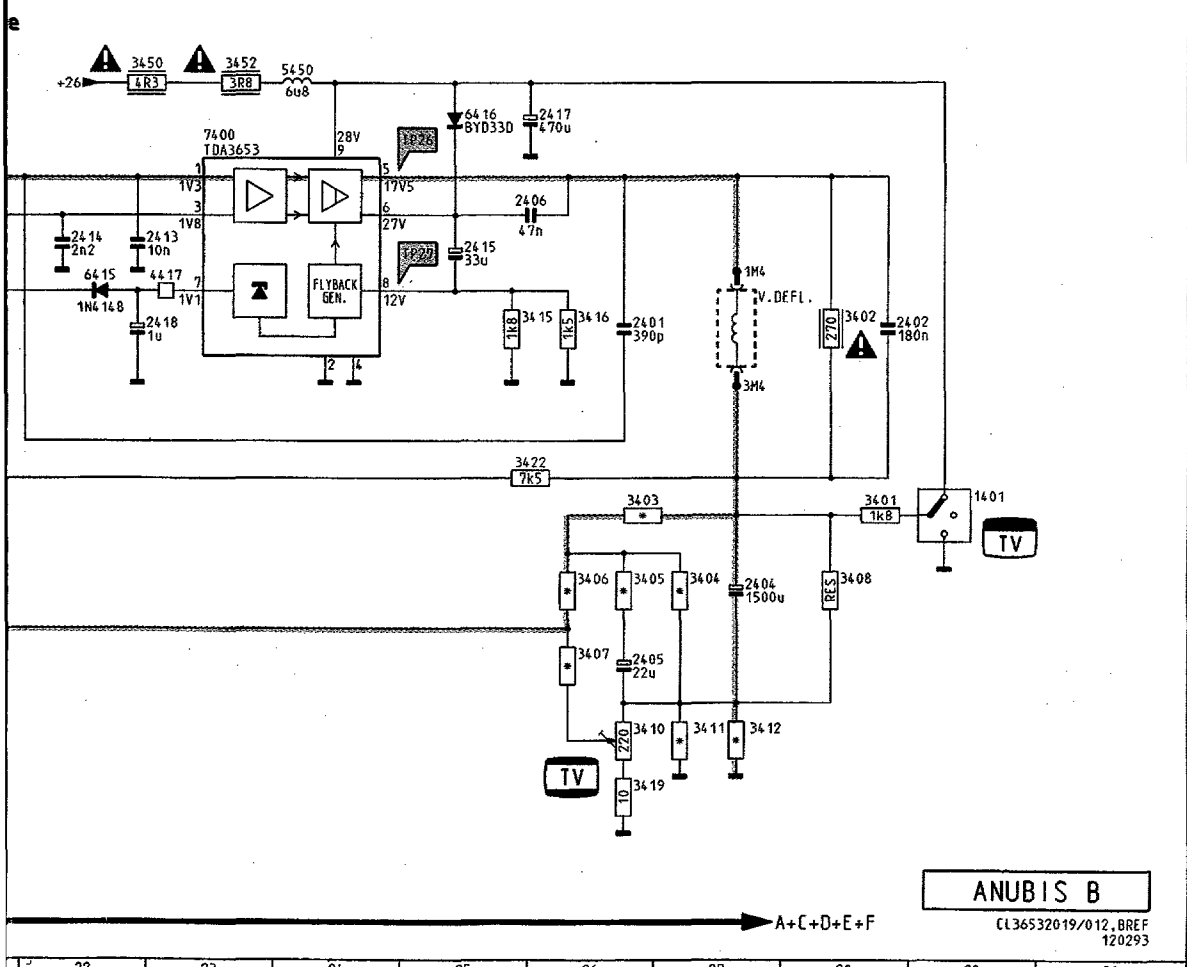
Synchronization / Synchronisation



UNGEN/NOTE

3)	*	1)	2)	3)
680p	3454	-	1k	1k
10n	3460	27k	27k	18k
470n	3461	22k	22k	18k
39n	3462	10k	10k	-
36k	3472	82k	82k	180k
2k2	5454	-	56331	56331
82	7445	BUT11	BUT11	BUT12
15k	-	-	-	-
20k	9419	-	-	JUMPER
1R5	9450	-	-	JUMPER
2R7	9451	JUMPER	JUMPER	-

1004	A 2	3408	M28	6502	J 6
1401	I 29	3410	M26	6503	J 6
1443	F27	3411	M27	6504	I 6
1449	G27	3412	M27	6505	I 6
1476	C18	3414	I21	6506	I 3
1500	I 2	3415	K25	6507	I 3
1501	K 2	3416	K26	6512	N 1
1540	I10	3419	M26	6516	O10
2307	F10	3420	J21	6530	J10
2350	B 7	3422	L26	6540	I11
2351	B 6	3440	B16	6546	N10
2352	C 4	3441	C16	6560	M11
2353	C 3	3442	A17	6561	K10
2354	D 9	3443	C16	6562	K17
2355	B 8	3445	B18	6564	I16
2356	D 4	3447	A22	6565	J14
2359	C 9	3448	A23	6958	J12
2364	F 8	3450	I23	7300	F 5
2366	F 9	3451	C21	7328	F 5
2370	F 7	3452	I23	7388	C12
2386	O11	3453	F27	7400	I23
2401	K26	3454	B22	7440	C17
2402	K28	3455	A21	7445	B18
2404	M27	3456	A20	7471	D18
2405	M26	3460	C27	7472	E17
2406	J26	3461	C28	7500	L12
2413	J22	3462	C26	7514	K 5
2414	J22	3464	B29	7514	M16
2415	J25	3465	O28	7525	L 7
2417	I26	3467	F16	7561	K17
2418	K22	3470	D27	7563	K18
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2467	F17	3522	L 6		
2468	D28	3523	L 5		
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2502	J 5	3535	L14		
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120293

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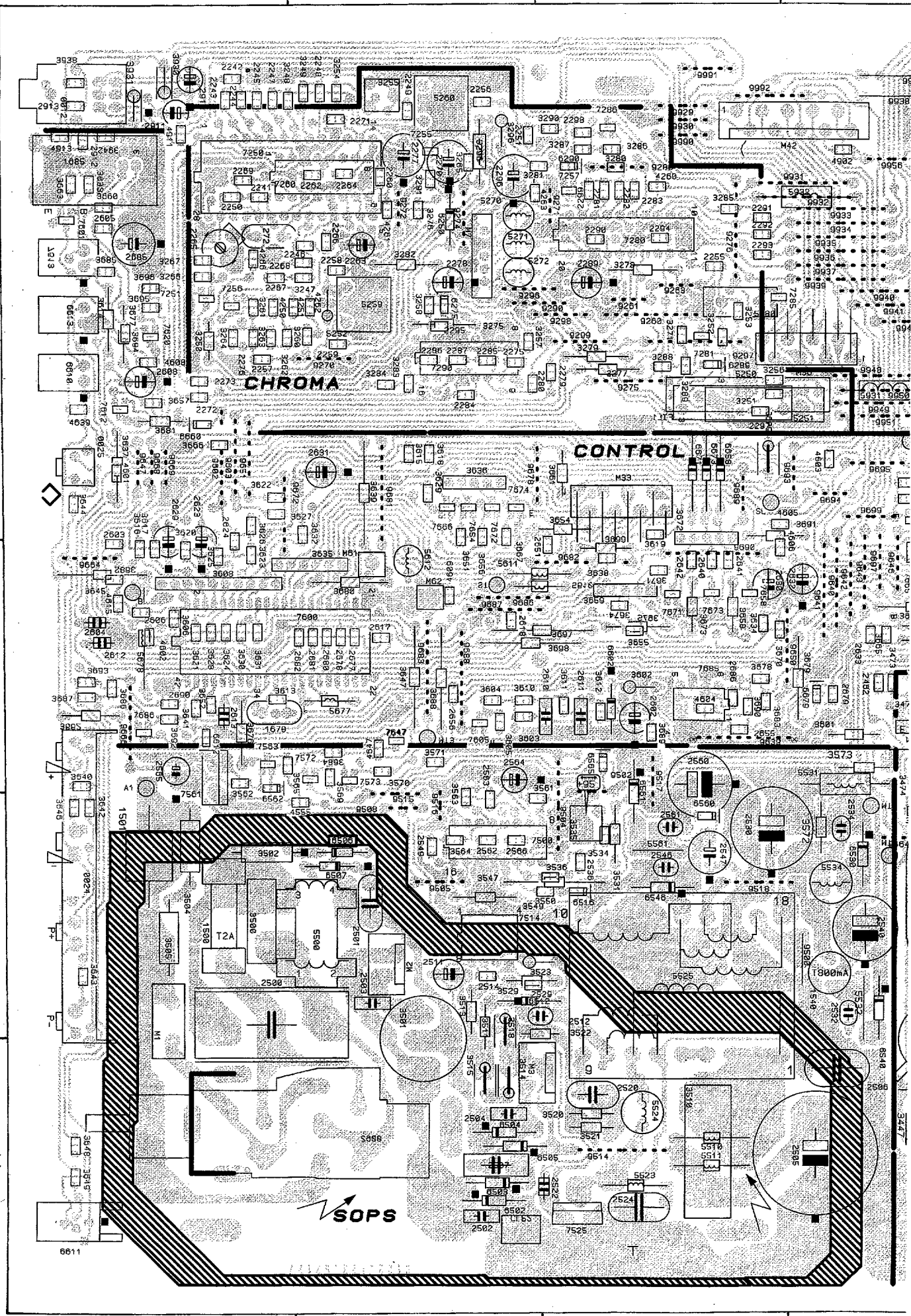
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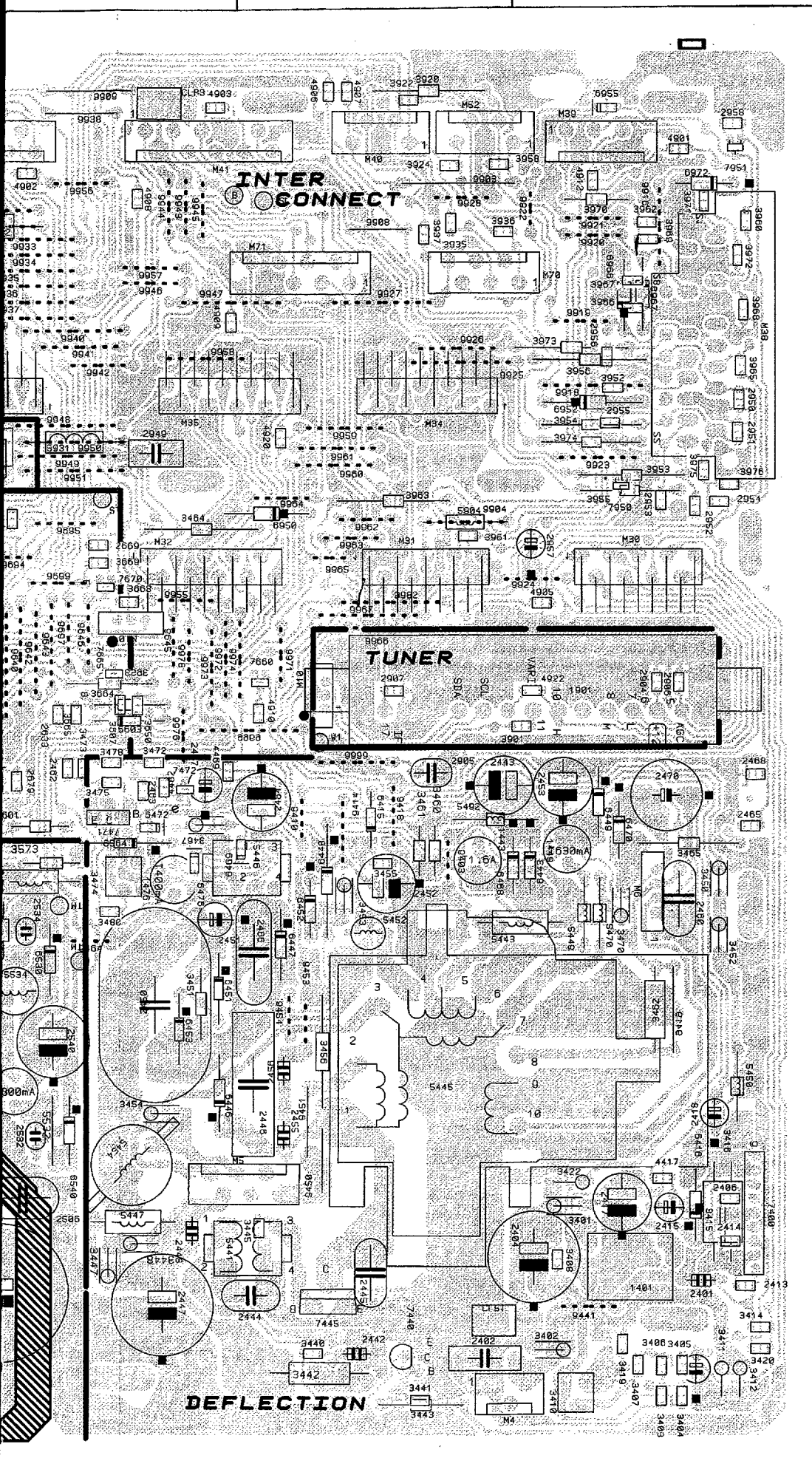
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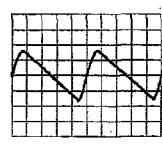
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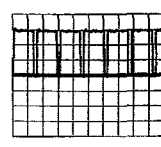


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M7	A2	2453	C6
M10	C5	2455	D5
M30	B6	2456	D5
M31	B5	2460	D6
M32	B4	2462	C4
M33	B3	2463	C4
M34	B5	2464	C5
M35	B4	2465	C6
M36	B4	2466	D5
M38	A6	2467	C4
M39	A6	2468	C6
M40	A5	2470	C6
M41	A4	2500	D2
M42	A3	2501	D2
M52	A5	2502	E2
M61	B2	2503	D2
M62	C2	2504	E2
M70	A6	2505	E4
M71	A5	2506	E4
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0024	D1	2511	D2
0025	B1	2512	D3
0062	E1	2514	D2
1272	A1	2520	E3
1401	E6	2522	E3
1443	C5	2524	E3
1449	C6	2529	D2
1476	C4	2530	C3
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1540	D4	2536	D3
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2401	E6	2951	B6
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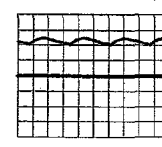
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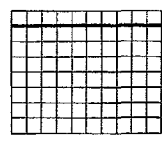
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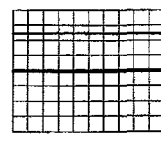
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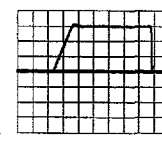
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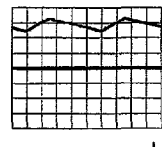
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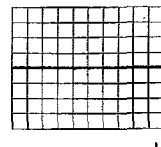
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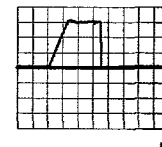
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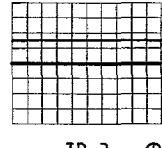
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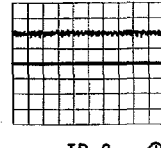
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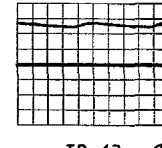
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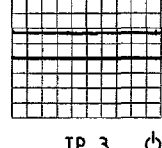
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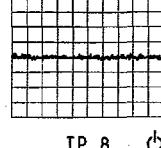
TP 8 ⊕
0,1 V/div DC
0,2 mS/div



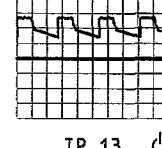
TP 13 ⊕
5 V/div DC
2 mS/div



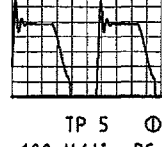
TP 3 ⊕
1 V/div DC
10 mS/div



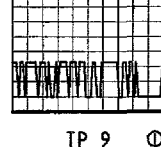
TP 8 ⊕
20 mV/div DC



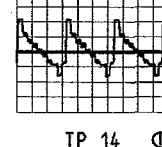
TP 13 ⊕
5 V/div DC
20 mS/div



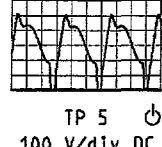
TP 5 ⊕
100 V/div DC
5 uS/div



TP 9 ⊕
0,5 V/div DC
20 mS/div



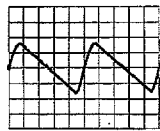
TP 14 ⊕
0,5 V/div AC
20 uS/div



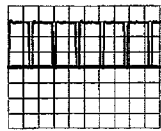
ANUBIS B 6.11

6.12 ANUBIS B

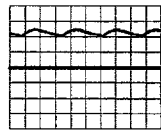
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- 6443 C6
- 6446 D4
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- 6451 D4
- 6452 C5
- 6453 D4
- 6468 C5
- 6469 C4
- 6470 C6
- 6472 C4
- 6476 C4
- 6502 E2
- 6503 E2
- 6504 E2
- 6505 E2
- 6506 D2
- 6507 D2
- 6512 D2
- 6516 D3
- 6530 D4
- 6540 D4
- 6546 D3
- 6560 D3
- 6561 C3
- 6562 C1
- 6564 C4
- 6565 C3
- 6602 C3
- 6603 C4
- 6610 B1
- 6611 E1
- 6612 C1
- 6613 B1
- 6658 B3
- 6660 B1
- 6671 B3
- 6673 B3
- 6679 C4
- 6950 B5
- 6952 B6
- 6955 A6
- 6966 A6
- 6967 A6
- 6972 A6
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- 7251 A1
- 7255 A2
- 7256 A1
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- 7280 A3
- 7281 B3
- 7285 A3
- 7286 A3
- 7290 B2
- 7400 E6
- 7440 E5
- 7445 E5
- 7471 C4
- 7472 C4
- 7500 D2
- 7514 D2
- 7525 E3
- 7561 C1
- 7563 C1
- 7572 C2
- 7573 C2
- 7600 C1
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- 7612 B1
- 7613 A1
- 7620 B1
- 7647 C2
- 7654 B2
- 7658 C3
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- 7670 B4
- 7671 C3
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- 7673 C3
- 7674 B2
- 7685 C3
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- 7950 B6
- 7951 A6
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- 9419 D6
- 9441 E6
- 9450 D5
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- 9973 C4
- 9974 C4
- 9976 C4
- 9978 C4
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- 9992 A3
- 9999 C5



TP 1 Ⓞ
5 V/div AC
2 mS/div



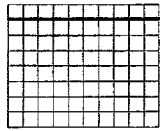
TP 6 Ⓞ
0,5 V/div DC
10 uS/div



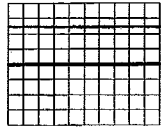
TP 10 Ⓞ
1 V/div DC
20 mS/div



TP 17 Ⓞ
0,5 V/div DC
5 mS/div



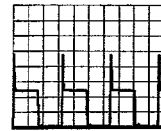
TP 2 Ⓞ
5 V/div DC
10 mS/div



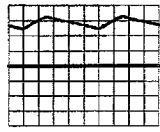
TP 7 Ⓞ
1 V/div DC



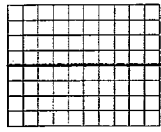
TP 11 Ⓞ
1 V/div DC
2 uS/div



TP 23 Ⓞ
20 V/div DC
20 uS/div



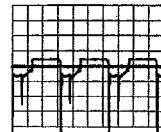
TP 2 Ⓞ
5 V/div DC
10 mS/div



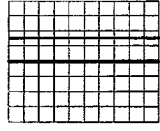
TP 7 Ⓞ



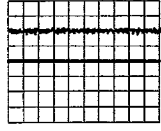
TP 11 Ⓞ
1 V/div DC
2 uS/div



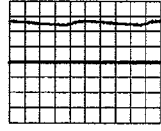
TP 24 Ⓞ
2 V/div DC
20 uS/div



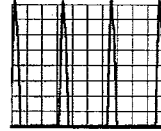
TP 3 Ⓞ
1 V/div DC



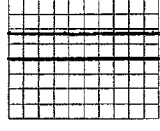
TP 8 Ⓞ
0,1 V/div DC
0,2 mS/div



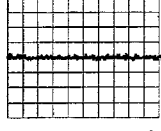
TP 13 Ⓞ
5 V/div DC
2 mS/div



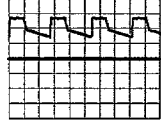
TP 25 Ⓞ
100 V/div DC
20 uS/div



TP 3 Ⓞ
1 V/div DC
10 mS/div



TP 8 Ⓞ
20 mV/div DC



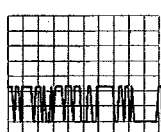
TP 13 Ⓞ
5 V/div DC
20 mS/div



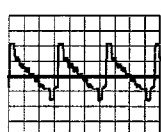
TP 26 Ⓞ
10 V/div DC
5 mS/div



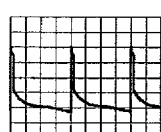
TP 5 Ⓞ
100 V/div DC
5 uS/div



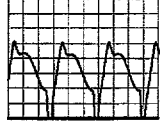
TP 9 Ⓞ
0,5 V/div DC
20 mS/div



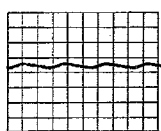
TP 14 Ⓞ
0,5 V/div AC
20 uS/div



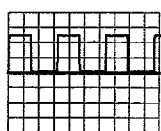
TP 27 Ⓞ
5 V/div DC
5 mS/div



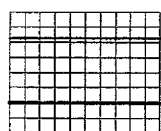
TP 5 Ⓞ
100 V/div DC
10 mS/div



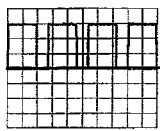
TP 9 Ⓞ
0,5 V/div DC
20 mS/div



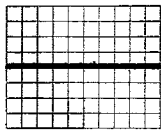
TP 15 Ⓞ
2 V/div DC
20 uS/div



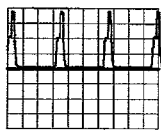
TP PLUS 95 Ⓞ
20 V/div DC



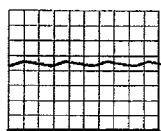
TP 6 Ⓞ
0,5 V/div DC
10 uS/div



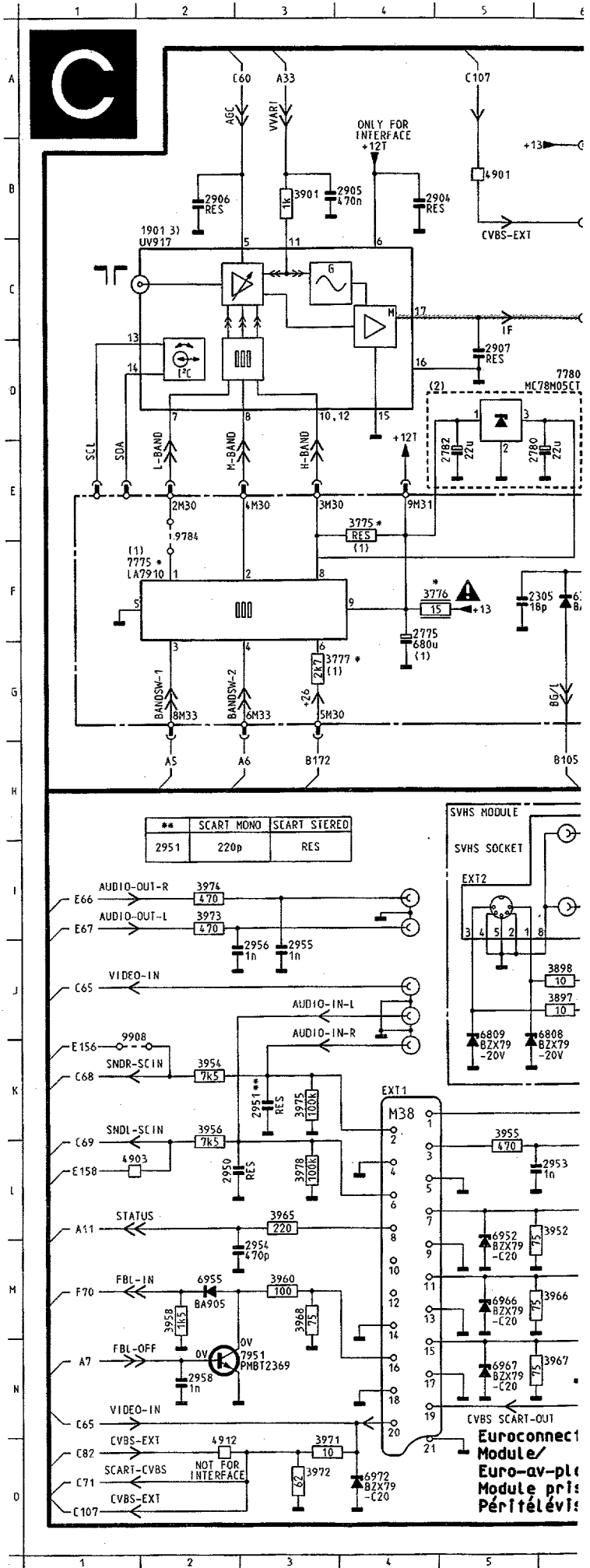
TP 10 Ⓞ
1 V/div DC
20 mS/div

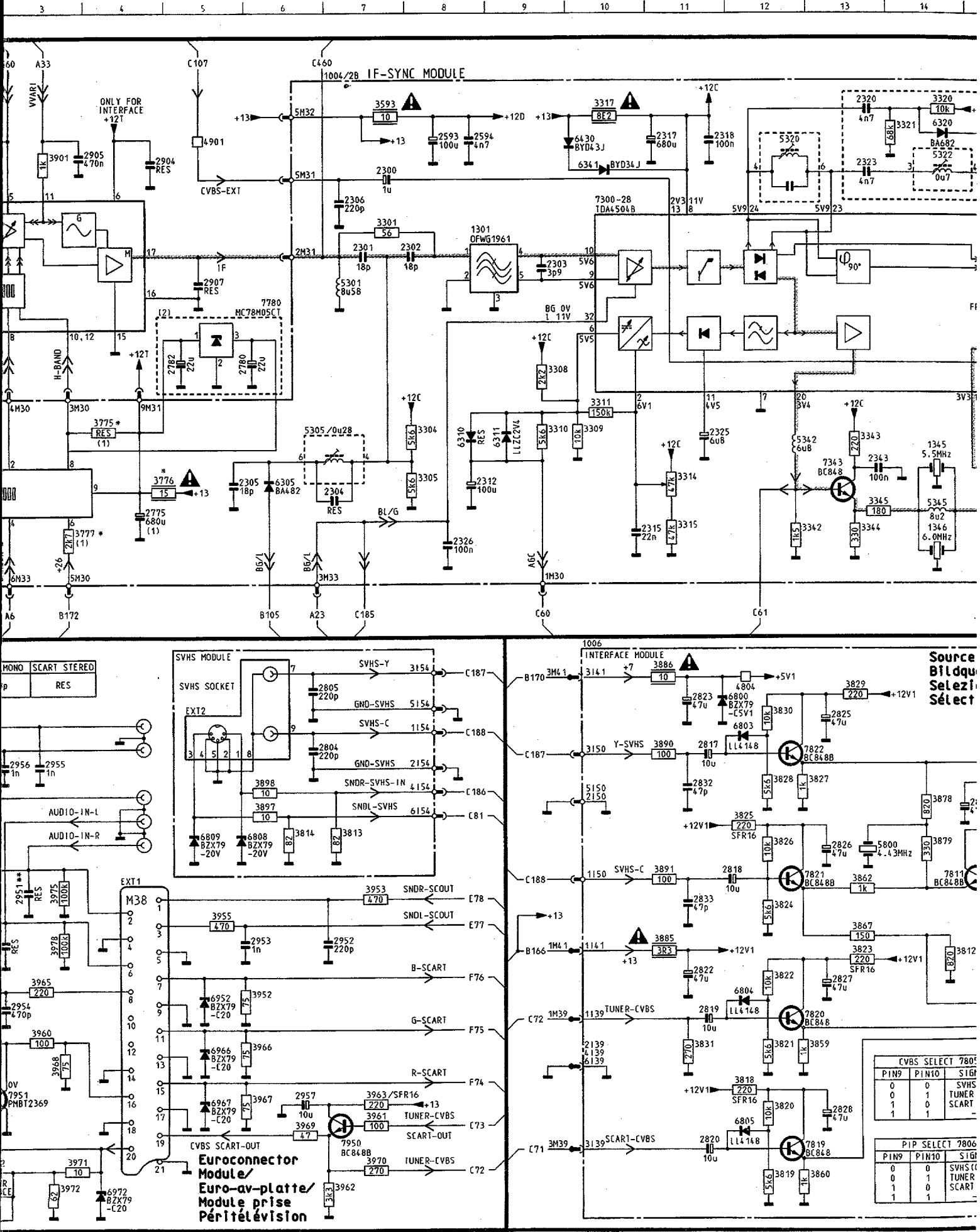


TP 16 Ⓞ
2 V/div DC
20 uS/div



TP PLUS 95 Ⓞ
20 V/div DC
20 mS/div



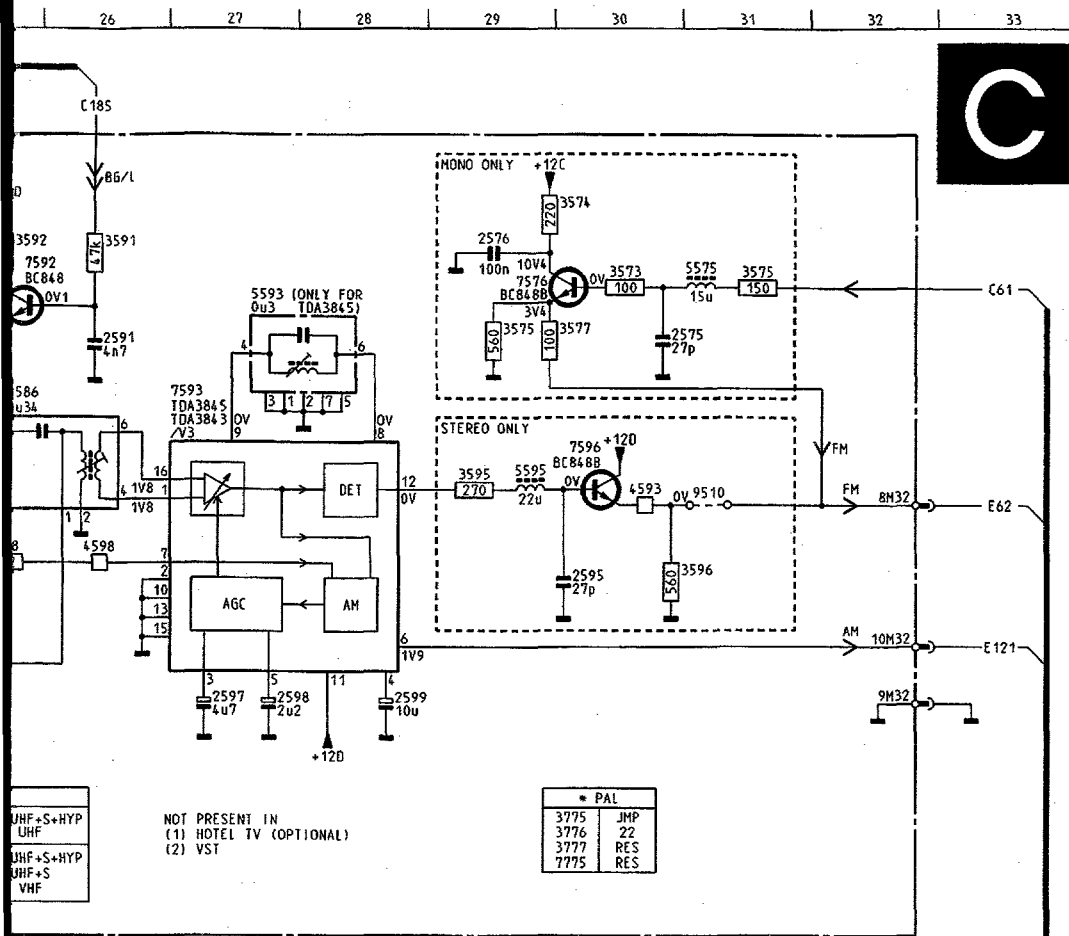


Source
Bildqu
Selezi
Sélect

CVBS SELECT 7800		
PIN9	PIN10	SIG
0	0	SVHS
0	1	TUNER
1	0	SCART
1	1	-

PIP SELECT 7806		
PIN9	PIN10	SIG
0	0	SVHS (C)
0	1	TUNER
1	0	SCART
1	1	-

**Euro-connector
Module/
Euro-av-platte/
Module prise
Péritélévision**

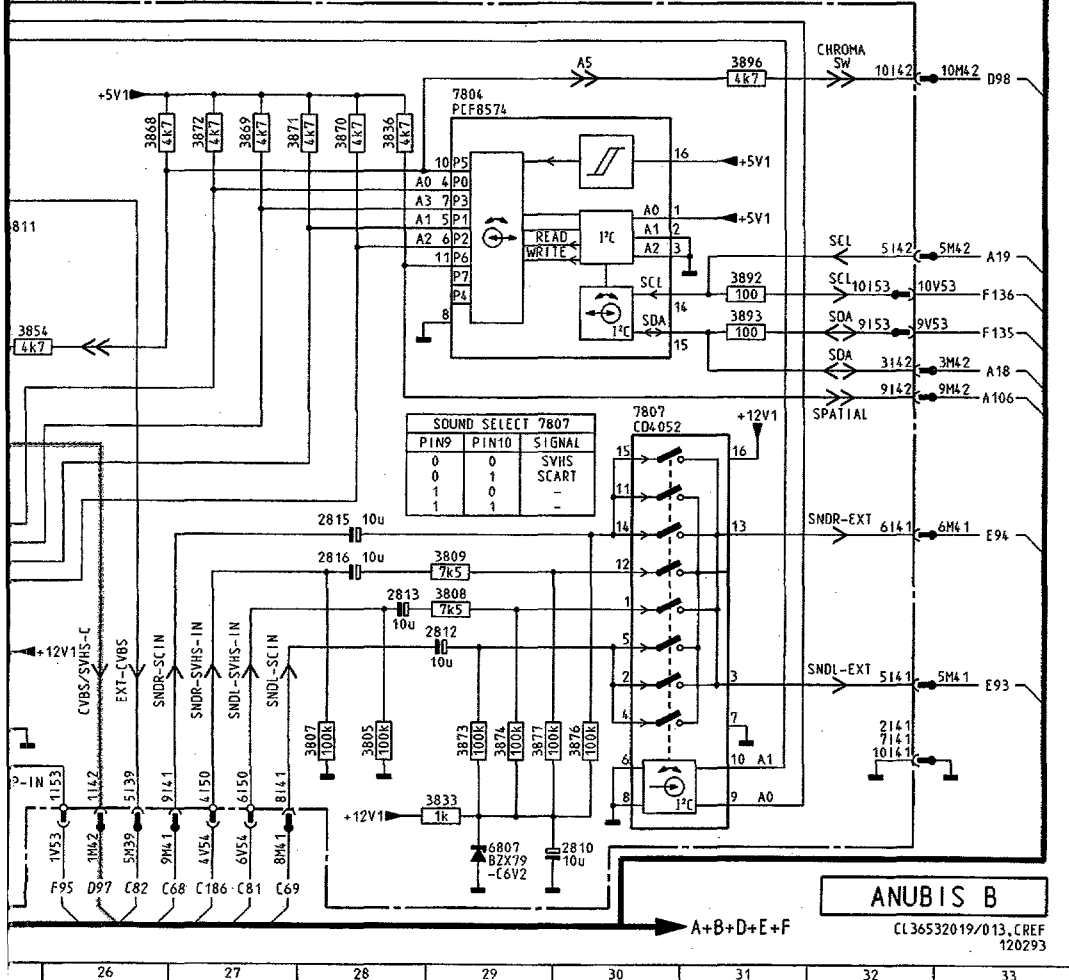


NOT PRESENT IN
(1) HOTEL TV (OPTIONAL)
(2) VST

* PAL	
3775	JMP
3776	22
3777	RES
3777	RES

UHF+S+HYP
UHF
UHF+S+HYP
UHF+S
VHF

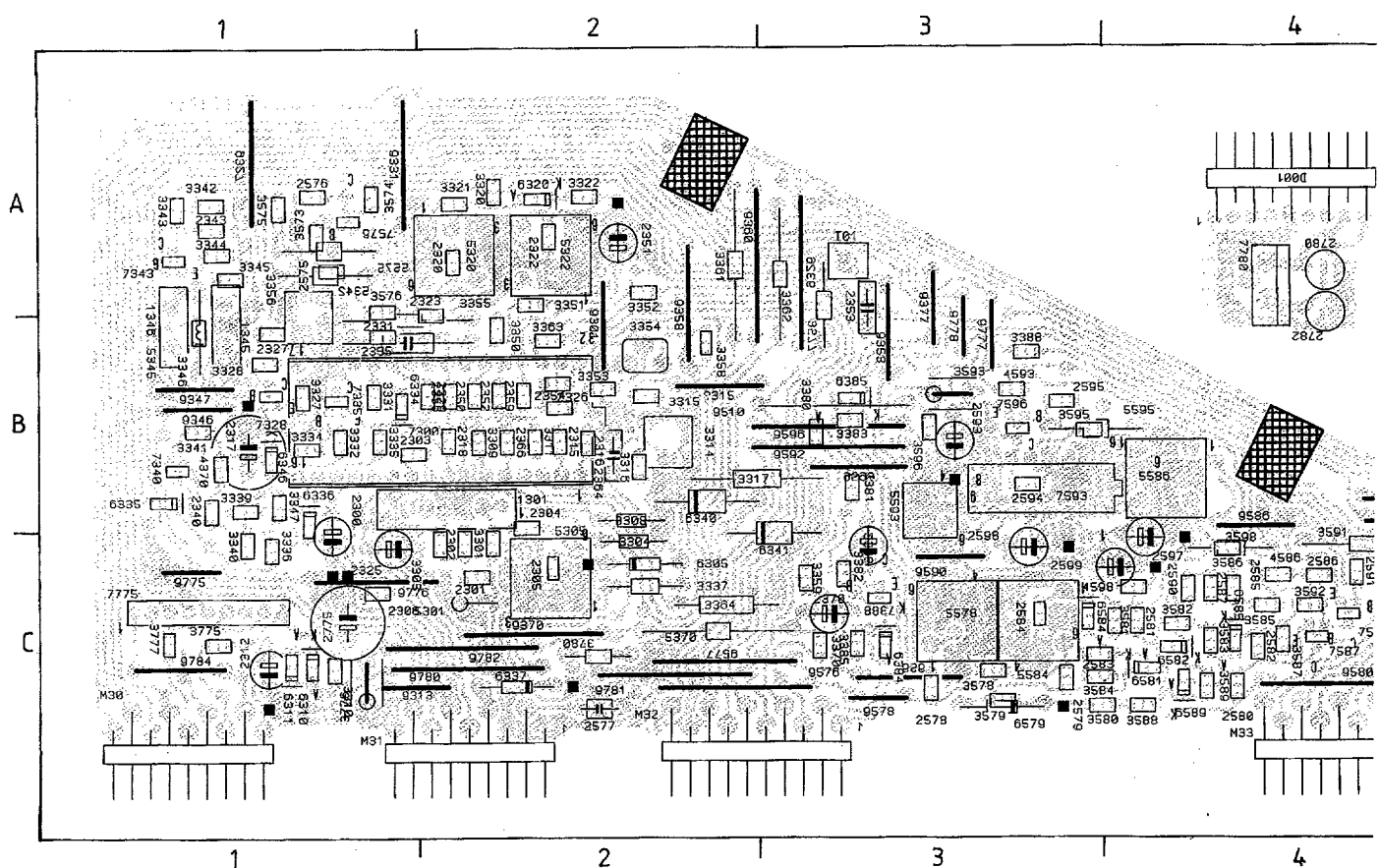
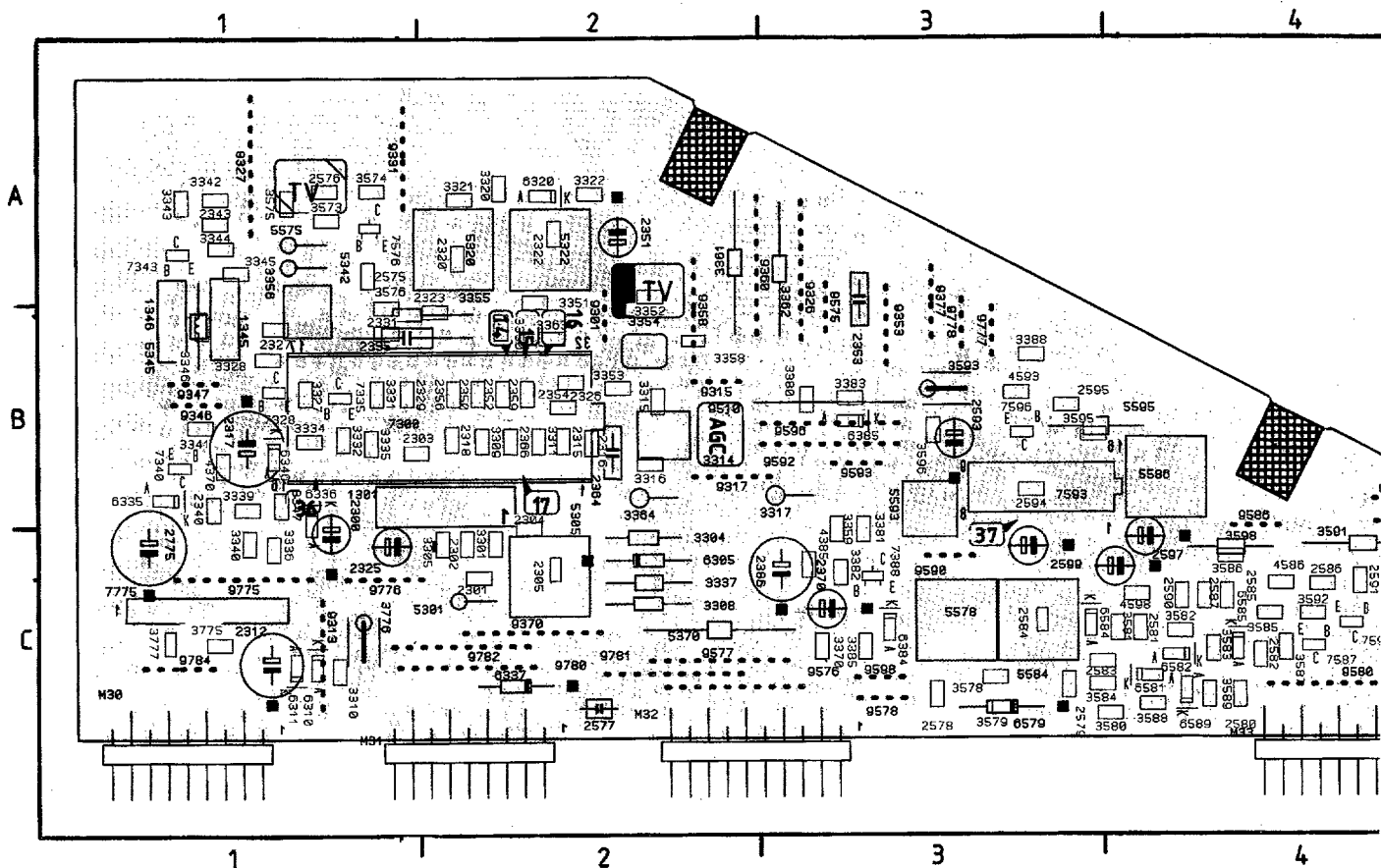
Source selection audio
Tonquellenwahl
Selezione sorgenti dell' audio
Sélection source son

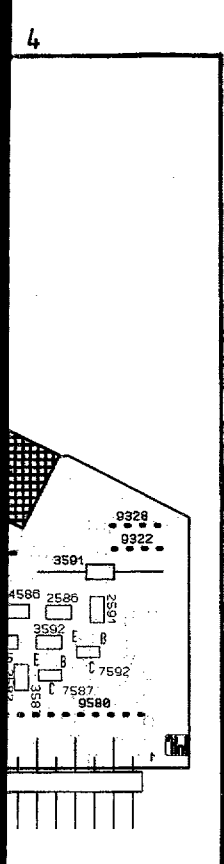


SOUND SELECT 7807		
PIN9	PIN10	SIGNAL
0	0	SVHS
0	1	SCART
1	0	-
1	1	-

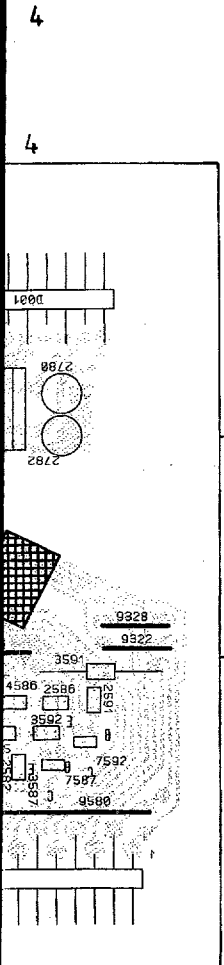
ANUBIS B
CL36532019/013, CREF
120293

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- 1301 C 8 3343 E13 3953 K 7 9784 E 2
- 1345 F14 3344 G13 3954 K 7 9850 O23
- 1346 G14 3345 F13 3955 K 5 9908 K 1
- 1901 B 2 3346 G15 3956 K 2
- 2106 F23 3347 E15 3958 M 2
- 2300 B 7 3573 B30 3960 M 3
- 2301 C 7 3574 B30 3961 N 7
- 2302 C 8 3575 C29 3962 O 7
- 2303 C 9 3575 B31 3963 N 7
- 2304 F 7 3577 C30 3965 L 3
- 2305 F 5 3578 C20 3966 M 6
- 2306 C 7 3579 D20 3967 M 6
- 2312 F 8 3580 F20 3968 M 3
- 2315 G10 3581 F21 3969 M 6
- 2316 C17 3582 D21 3970 O 7
- 2317 B11 3583 D22 3971 O 3
- 2318 B11 3584 E22 3972 O 3
- 2320 A13 3585 D23 3973 I 2
- 2322 B15 3586 D24 3974 I 2
- 2323 B13 3587 D25 3975 K 3
- 2325 F11 3588 F21 3978 L 3
- 2326 G 8 3589 F21 4370 D18
- 2327 G17 3591 B26 4586 D24
- 2329 D16 3592 B25 4593 O30
- 2331 D16 3593 A 7 4598 O26
- 2340 D17 3595 D29 4800 I19
- 2343 F13 3596 D30 4802 K17
- 2575 C30 3598 D25 4804 I12
- 2576 B29 3775 E 4 4810 N24
- 2577 B19 3776 F 4 4811 M20
- 2578 C19 3777 G 3 4901 B 5
- 2579 C20 3800 M25 4903 L 1
- 2580 G20 3801 J22 4912 O 2
- 2581 F20 3805 N28 5301 D 7
- 2582 E21 3807 N28 5305 E 6
- 2583 E22 3808 M29 5320 B12
- 2584 D23 3809 M29 5322 B14
- 2585 E23 3810 J25 5342 F12
- 2586 E24 3811 J25 5345 F14
- 2587 E23 3812 L14 5575 B31
- 2590 E22 3813 J 7 5578 E19
- 2591 C26 3814 J 6 5584 B21
- 2593 B 8 3818 N12 5586 C25
- 2594 B 8 3819 O12 5593 B27
- 2595 E30 3820 N12 5595 D29
- 2597 F27 3821 M12 5800 K13
- 2598 F27 3822 L12 6305 F 6
- 2599 F28 3823 L13 6310 F 8
- 2775 F 4 3824 K12 6311 F 9
- 2780 E 6 3825 J12 6320 B14
- 2782 E 5 3826 K12 6334 C19
- 2800 M24 3827 J13 6341 B10
- 2801 K22 3828 J12 6346 F15
- 2804 I 6 3829 I13 6430 B10
- 2805 I 6 3830 I12 6579 E19
- 2806 L22 3831 M11 6581 E20
- 2807 K23 3833 M29 6582 E21
- 2808 K15 3836 I28 6584 D22
- 2809 N17 3837 N23 6585 D23
- 2810 O30 3838 N23 6589 F22
- 2812 M29 3839 M22 6800 I12
- 2813 M28 3840 M22 6802 N24
- 2815 L28 3842 J20 6803 I12
- 2816 M28 3843 K20 6804 I12
- 2817 I11 3844 K21 6805 N12
- 2818 K12 3845 L20 6807 O29
- 2819 M11 3846 L20 6808 K 6
- 2820 N11 3847 M21 6808 N21
- 2822 L11 3848 I22 6809 K 5
- 2823 I11 3849 I23 6952 M 5
- 2824 N24 3850 J24 6955 M 2
- 2825 I13 3851 J23 6966 M 5
- 2826 K13 3852 J22 6967 N 5
- 2827 L13 3853 J21 6972 O 4
- 2828 N13 3854 K25 7300 C10
- 2830 J15 3855 K24 7328 E16
- 2831 N25 3856 M21 7335 B18
- 2832 J11 3857 M25 7340 D17
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- 2904 B 4 3859 M13 7576 B29
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- 2906 B 2 3861 M21 7592 B25
- 2907 D 5 3862 K13 7593 C27
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- 2951 K 3 3864 J15 7608 M16
- 2952 L 7 3865 I16 7775 F 1
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- 2954 M 3 3868 I26 7800 J16
- 2955 J 3 3869 I27 7801 K16
- 2956 J 3 3870 I28 7802 K16
- 2957 N 6 3871 I28 7803 K22
- 2958 N 2 3872 I27 7804 I29
- 3301 C 7 3873 M29 7805 H18
- 3304 E 8 3874 M29 7806 L18
- 3305 F 8 3874 N30 7807 K30
- 3308 E 9 3877 M29 7809 I25
- 3309 E10 3878 J14 7811 K14
- 3310 E 9 3879 K14 7812 K25
- 3311 E10 3880 M17 7813 I22
- 3314 F11 3881 N16 7814 M21
- 3315 G11 3882 M16 7815 M20
- 3316 B17 3883 J15 7816 J21
- 3317 A10 3884 K16 7817 J20
- 3320 A14 3885 L11 7818 N20
- 3321 B14 3886 H11 7819 N12
- 3322 B15 3887 L15 7820 M12
- 3327 F17 3888 L16 7821 K12
- 3328 E16 3890 I11 7822 I12
- 3331 L18 3891 K11 7824 N22
- 3332 B18 3892 J31 7826 I23
- 3334 C18 3893 K31 7827 N23
- 3335 B18 3896 I31 7950 N 7
- 3339 D16 3897 J 6 7951 N 3
- 3340 D17 3898 J 6 9328 F18





M30 C1	2582 C4	3351 B2	4593 B3	9322 C4
M31 C2	2583 C4	3352 B2	4598 C4	9326 A3
M32 C2	2584 C3	3353 B2	5301 C2	9327 A1
M33 C4	2585 C4	3354 B2	5305 C2	9328 B4
1301 B2	2586 C4	3355 B1	5320 A2	9331 A1
1345 B1	2587 C4	3356 A1	5322 A2	9346 B1
1346 B1	2590 C4	3358 B2	5342 A1	9347 B1
2300 C1	2591 C4	3359 C3	5345 B1	9353 B3
2301 C2	2593 B3	3361 A2	5370 C2	9358 B2
2302 C2	2594 B3	3362 A3	5575 A1	9360 A3
2303 B2	2595 B3	3363 B2	5578 C3	9370 C2
2304 C2	2597 C4	3364 B2	5584 C3	9377 B3
2305 C2	2598 C3	3370 C3	5586 B4	9510 B3
2312 C1	2599 C4	3380 B3	5593 C3	9575 B3
2315 B2	2775 C1	3381 C3	5595 B3	9576 C2
2316 B2	3301 C2	3382 C3	6305 C2	9577 C2
2317 B1	3304 C2	3383 B3	6310 C1	9578 C3
2318 B2	3305 C2	3385 C3	6311 C1	9580 C4
2320 A2	3308 C2	3388 B3	6320 A2	9586 C4
2322 A2	3309 B2	3573 A1	6335 B1	9590 C3
2323 B2	3310 C1	3574 A1	6336 C1	9592 B3
2325 C1	3311 B2	3575 A1	6337 C2	9593 B3
2326 B2	3314 B2	3576 B1	6346 B1	9596 B3
2327 B1	3315 B2	3578 C3	6384 C3	9598 C3
2329 B1	3316 B2	3579 C3	6385 B3	9775 C1
2331 B1	3317 B3	3580 C4	6579 C3	9776 C1
2340 B1	3320 A2	3581 C4	6581 C4	9777 B3
2343 A1	3321 A2	3582 C4	6582 C4	9778 B3
2350 B2	3322 A2	3583 C4	6584 C3	9780 C2
2351 A2	3327 B1	3584 C4	6585 C4	9781 C2
2352 B2	3328 B1	3585 C4	6589 C4	9782 C2
2353 B3	3331 B1	3586 C4	7300 B2	9784 C1
2354 B2	3332 B1	3587 C4	7328 B1	
2355 B1	3334 B1	3588 C4	7335 B1	
2356 B2	3335 B1	3589 C4	7340 B1	
2359 B2	3336 C1	3591 C4	7343 A1	
2364 B2	3337 C2	3592 C4	7388 C3	
2366 B2	3339 B1	3593 B3	7576 A1	
2370 C3	3340 C1	3595 B3	7587 C4	
2386 C3	3341 B1	3596 B3	7592 C4	
2575 A1	3342 A1	3598 C4	7593 C4	
2576 A1	3343 A1	3775 C1	7596 B3	
2577 C2	3344 A1	3776 C1	7775 C1	
2578 C3	3345 A1	3777 C1	9301 B2	
2579 C3	3346 B1	4370 B1	9313 C1	
2580 C4	3347 B1	4385 C3	9315 B2	
2581 C4	3350 B2	4586 C4	9317 B2	



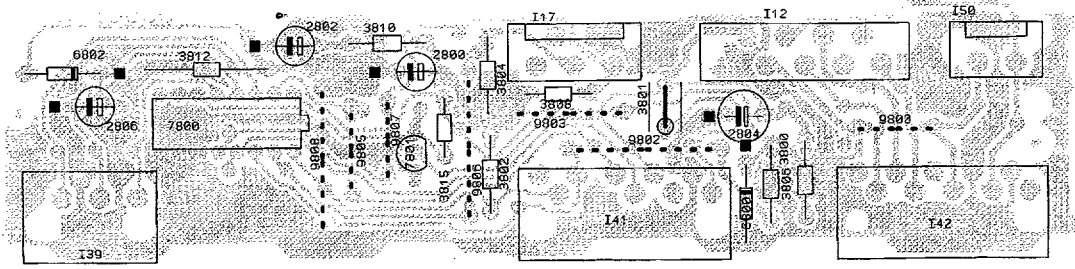
M30 C1	2581 C4	3346 B1	3777 C1	7593 B3
M31 C2	2582 C4	3347 B1	3780 C2	7596 B3
M32 C2	2583 C3	3350 B2	4370 B1	7775 C1
M33 C4	2584 C3	3351 A2	4586 C4	7780 A4
1301 B2	2585 C4	3352 A2	4593 B3	9301 B2
1345 A1	2586 C4	3353 B2	4598 C4	9313 C1
1346 A1	2587 C4	3354 B2	5301 C2	9315 B2
2300 C1	2590 C4	3355 B1	5305 C2	9322 B4
2301 C2	2591 C4	3356 A1	5320 A2	9326 A3
2302 C2	2593 B3	3358 B2	5322 A2	9327 A1
2303 B1	2594 B3	3359 C3	5342 A1	9328 B4
2304 B2	2595 B3	3361 A2	5345 B1	9331 A1
2305 C2	2597 C4	3362 A3	5370 C2	9346 B1
2306 C1	2598 C3	3363 B2	5575 A1	9347 B1
2312 C1	2599 C4	3364 C2	5578 C3	9353 B3
2315 B2	2775 C1	3370 C3	5584 C3	9358 A2
2316 B2	2780 A4	3380 B3	5586 B4	9360 A2
2317 B1	2782 B4	3381 B3	5593 B3	9370 C2
2318 B2	3301 C2	3382 C3	5595 B3	9377 B3
2320 A2	3304 C2	3383 B3	6305 C2	9510 B3
2322 A2	3305 C2	3385 C3	6310 C1	9576 C2
2323 B2	3308 B2	3388 B3	6311 C1	9577 C2
2325 C1	3309 B2	3573 A1	6320 A2	9578 C3
2326 B2	3310 C1	3574 A1	6334 B1	9580 C4
2327 B1	3311 B2	3575 A1	6335 B1	9586 B4
2329 B2	3314 B2	3576 B1	6336 B1	9590 C3
2331 B1	3315 B2	3577 A3	6337 C2	9592 B3
2340 B1	3316 B2	3578 C3	6340 B2	9593 B3
2343 A1	3317 B2	3579 C3	6341 C3	9596 B3
2350 B2	3320 A2	3580 C3	6346 B1	9598 C3
2351 A2	3321 A2	3581 C4	6384 C3	9775 C1
2352 B2	3322 A2	3582 C4	6385 B3	9776 C1
2353 B3	3327 B1	3583 C4	6579 C3	9777 B3
2354 B2	3328 B1	3584 C3	6581 C4	9778 B3
2355 B1	3331 B1	3585 C4	6582 C4	9780 C2
2356 B2	3332 B1	3586 C4	6584 C3	9781 C2
2359 B2	3334 B1	3587 C4	6585 C4	9782 C2
2364 B2	3335 B1	3588 C4	6589 C4	9784 C1
2366 B2	3336 C1	3589 C4	7300 B2	
2370 C3	3337 C2	3591 C4	7328 B1	
2386 C3	3339 B1	3592 C4	7335 B1	
2575 A1	3340 C1	3593 B3	7340 B1	
2576 A1	3341 B1	3595 B3	7343 A1	
2577 C2	3342 A1	3596 B3	7388 C3	
2578 C3	3343 A1	3598 C4	7576 A1	
2579 C3	3344 A1	3775 C1	7587 C4	
2580 C4	3345 A1	3776 C1	7592 C4	

M30		M30
1	← AGC	1
2	← L-BAND	2
3	← H-BAND	3
4	← M-BAND	4
5	→ +26	5
6	← H-DRIVE	6
7	→ V-FEEDB	7
8	→ H-FEEDB	8
9	← V-DRIVE	9
M31		M31
1	↓	1
2	→ IF	2
3	↓	3
4	← MUTE	4
5	→ CVBS-EXT	5
6	↓	6
7	← TUNER-SCART	7
8	↓	8
9	← +12T	9
M32		M32
1	← CVBS	1
2	↓	2
3	→ +12	3
4	↓	4
5	→ +13	5
6	← SANDCSL.	6
7	← PHASE COMP	7
8	← FM	8
9	↓	9
10	← AM	10
M33		M33
1	→ EXT	1
2	→ L/L	2
3	→ BGL	3
4	← IDENT	4
5	← AFC	5
6	→ BANDSW-2	6
7	→ BANDSW-1	7
8	→ BANDSW-1	8

CL 36532022/016
080293

Interface-module / Interface Modul / Module interface

Interface panel for hotel TV



M39		I39	
1	→ TUNER CVBS	1	
2	↓	2	
3	→ SCART-CVBS	3	
4	↓	4	
5	← EXT-CVBS	5	
6	↓	6	
M41		I41	
1	→ +13	1	
2	↓	2	
3	→ +7	3	
4	→ N.C./SEL.RADIO	4	
5	← SNDL-EXT	5	
6	← SNDR-EXT	6	
7	↓	7	
8	→ SNDL-SC IN	8	
9	→ SNDR-SC IN	9	
10	N.C.	10	

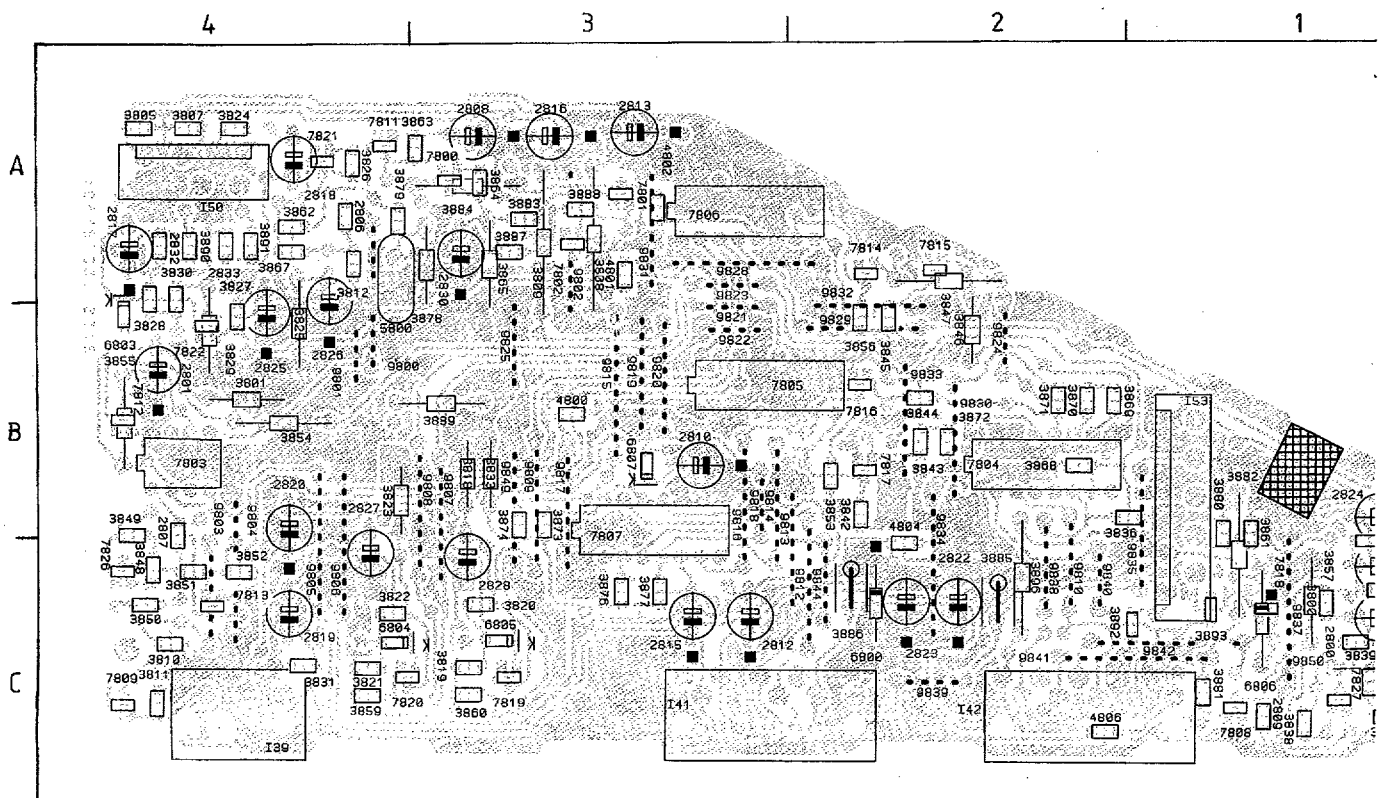
CL 36532022/017
080293

M42		I42	
1	← CVBS/SVHS-C	1	
2	↓	2	
3	↔ SDA	3	
4	↓	4	
5	→ SCL	5	
6	→ SANDCSL/N.C.	6	
7	→ VPULS-PIP/STSIG	7	
8	→ N.C./CE	8	
9	← SPATIAL/COUNT	9	
10	← CHROMA-SW/N.C.	10	
I53 (OPTIONAL)		P17	
1	→ CVBS-PIP-IN	10	
2	↓	9	
3	→ +13	8	
4	↓	7	
5	N.C.	6	
6	→ +5V1	5	
7	→ VPULS-PIP-IN	4	
8	→ -PIP	3	
9	↔ SDA	2	
10	→ SCL	1	

CL 36532022/018
080293

141	C2	3808	A3	3853	B2	3893	C1
142	C1	3809	A3	3854	B4	3896	C2
150	A4	3810	C4	3855	B4	3897	B1
153	B1	3811	C4	3856	B2	3898	A1
154	A1	3812	A4	3857	C1	4800	B3
160	A1	3813	A1	3858	C1	4801	A3
2800	C1	3814	B1	3859	C4	4802	A3
2801	B4	3818	B3	3860	C3	4804	C2
2804	A1	3819	C3	3861	B1	4806	C2
2805	A1	3820	C3	3862	A4	4810	C1
2806	A4	3821	C4	3863	A4	4811	C1
2807	C4	3822	C4	3864	A3	5800	A4
2808	A3	3823	B4	3865	A3	6800	C2
2809	C1	3824	A4	3867	A4	6802	C1
2810	B3	3825	B4	3868	B2	6803	B4
2812	C3	3826	A4	3869	B2	6804	C4
2813	A3	3827	B4	3870	B2	6805	C3
2815	C3	3828	A4	3871	B2	6806	C1
2816	A3	3829	B4	3872	B2	6807	B3
2817	A4	3830	A4	3873	B3	6808	A1
2818	A4	3831	C4	3874	B3	6809	B1
2819	C4	3833	B3	3876	C3	7800	A3
2820	B4	3836	B2	3877	C3	7801	A3
2822	C2	3837	C1	3878	A4	7802	A3
2823	C2	3838	C1	3879	A4	7803	B4
2824	B1	3839	C1	3880	B1	7804	B2
2825	B4	3840	C1	3881	C1	7805	B3
2826	A4	3842	B2	3882	C1	7806	A3
2827	C4	3843	B2	3883	A3	7807	B3
2828	C3	3844	B2	3884	A3	7808	C1
2830	A3	3845	B2	3885	C2	7809	C4
2831	C1	3846	B2	3886	C2	7811	A4
2832	A4	3847	A2	3887	A3	7812	B4
2833	A4	3848	C4	3888	A3	7813	C4
2800	C1	3849	C4	3889	B3	7814	A2
3801	B4	3850	C4	3890	A4	7815	A2
3805	A4	3851	C4	3891	A4	7816	B2
3807	A4	3852	C4	3892	C1	7817	B2

SVHS interface panel



Picture tube panel / Bildröhren Platine / Platine TRC

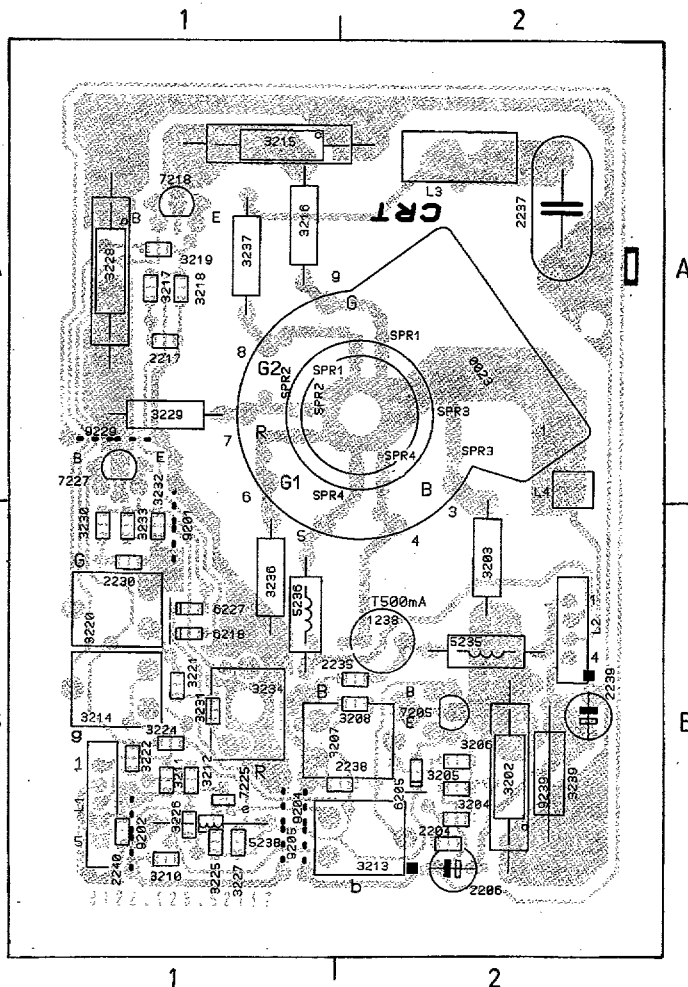
M7		L1
1	→ G-1	5
2	→ +12F	4
3	→ R-1	3
4	⊥	2
5	→ B-1	1

M6		L2
1	→ HEATING 2 ff	1
2	→ HEATING 1 ff	2
3	← EHT-INFO	3
4	→ +136	4

CL 3653202/019
080283

93 C1	7818 C1	9833 B2
96 C2	7819 C3	9834 C2
97 B1	7820 C4	9835 B1
98 A1	7821 A4	9837 C1
00 B3	7822 B4	9838 C2
01 A8	7824 C1	9839 C2
02 A3	7826 C4	9840 C2
04 C2	7827 C1	9841 C1
06 C2	9800 A4	9842 C1
00 C1	9801 B4	9844 C2
01 C1	9802 A3	9849 B3
00 A4	9803 C4	9850 C1
00 C2	9804 C4	
02 C1	9805 C4	
03 B4	9806 C4	
04 C4	9807 B3	
05 C3	9808 B4	
06 C1	9809 B3	
07 B3	9810 C2	
08 A1	9812 C2	
09 B1	9813 C2	
00 A3	9814 B3	
01 A3	9815 B3	
02 A3	9816 B3	
03 B4	9817 B3	
04 B2	9818 B3	
05 B3	9819 B3	
06 A3	9820 B3	
07 B3	9821 A3	
08 C1	9822 B3	
09 C4	9823 A3	
11 A4	9824 B2	
12 B4	9825 B3	
13 C4	9828 A3	
14 A2	9829 B2	
15 A2	9830 B2	
16 B2	9831 A3	
17 B2	9832 A2	

L1	B1	3222 B1
L2	B2	3224 B1
L3	A2	3225 B1
L4	A2	3226 B1
	B2	3227 B1
	B2	3228 A1
	B2	3229 A1
	A1	3230 B1
	B1	3231 B1
	B2	3232 B1
	B1	3233 B1
	B1	3234 B1
	B1	3236 B1
	A1	3237 A1
	B2	3239 B2
	B2	5235 B2
	B2	5236 B1
	B2	5238 B1
	B2	6205 B2
	B1	6218 B1
	B2	6227 B1
	B2	7205 B2
	B1	7218 A1
	B1	7225 B1
	B2	7227 A1
	B1	9201 B1
	A1	9202 B1
	B1	9204 B1
	A1	9205 B1
	A1	9229 A1
	B2	9239 B2



A

I12		RADIO UNIT
1	← STSIG	1
2	N.C.	2
3	N.C.	3
4	→ CE	4
5	← COUNTER	5
6	↔ SDA	6
7	→ SCL	7
8	→ +12V	8
9	⊥	9

CL 36532022/020
080293

I50		DCM-MODULE
1	↔ SDA	1
2	⊥	2
3	→ SCL	3

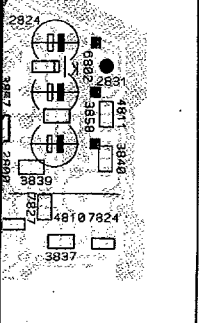
CL 36532022/025
080293

B

I17		RADIO UNIT
1	← AUDIO-L	1
2	⊥	2
3	← AUDIO-R	3
4	N.C.	4
5	N.C.	5

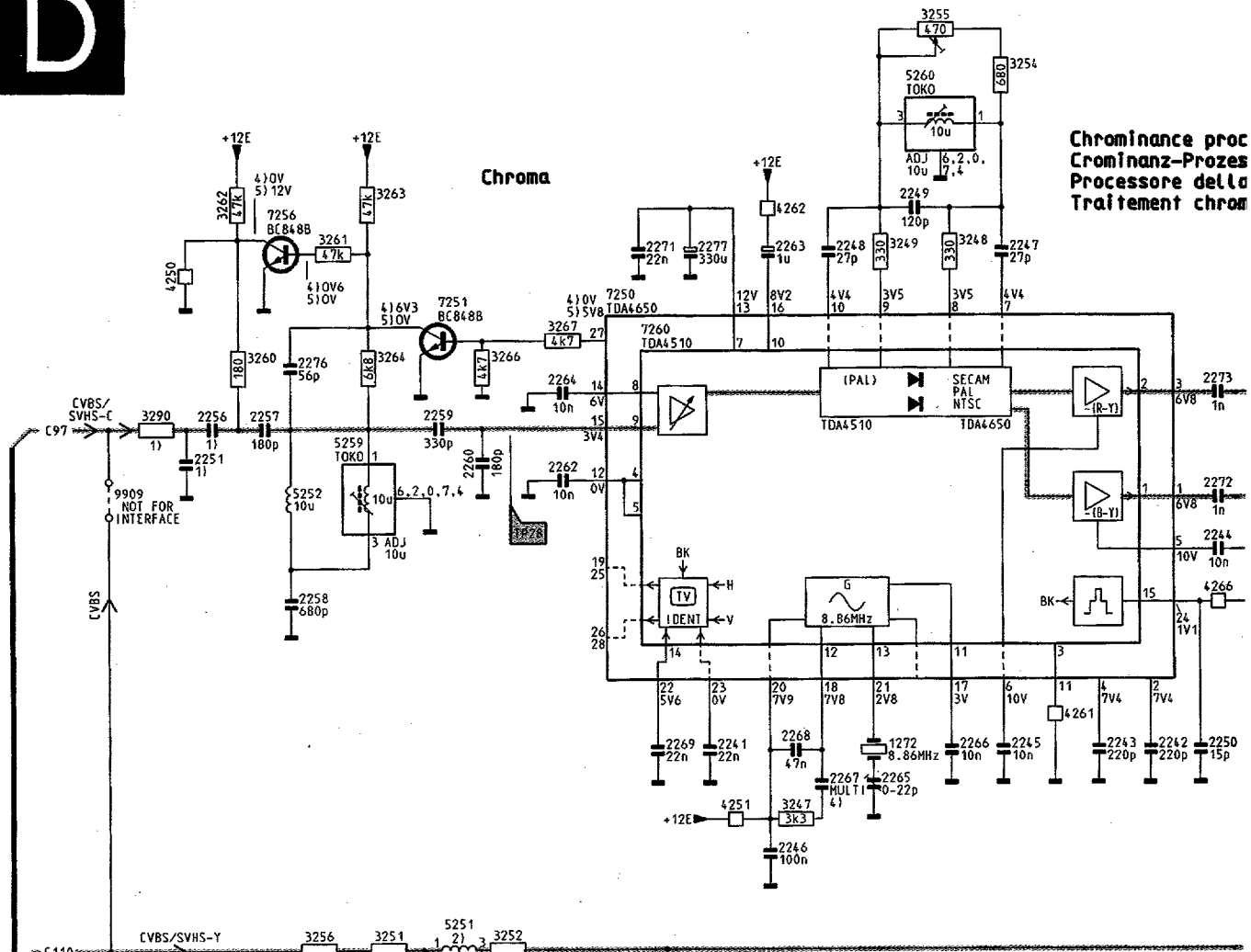
CL 36532022/021
080293

C

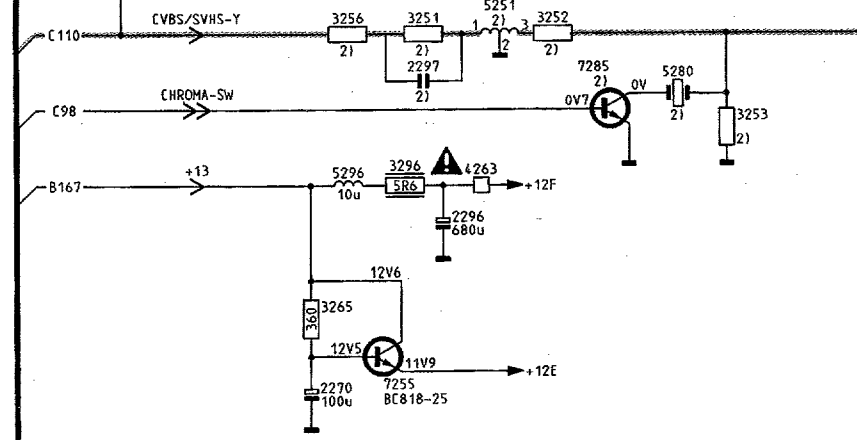


D

A
B
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F
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I
J
K
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O



Chrominance proc
Crominanz-Prozes
Processore della
Traitement chrom



REMARKS/REMARQUES/ANMERKUNGEN/NOTE
PRESENT IN SETS;
PRESENT SUR LES APPAREILS;
ANWESEND IN GERÄTEN;
PRESENTI SUI MODELLI;
PRESENTI SOBRE MODELOS.

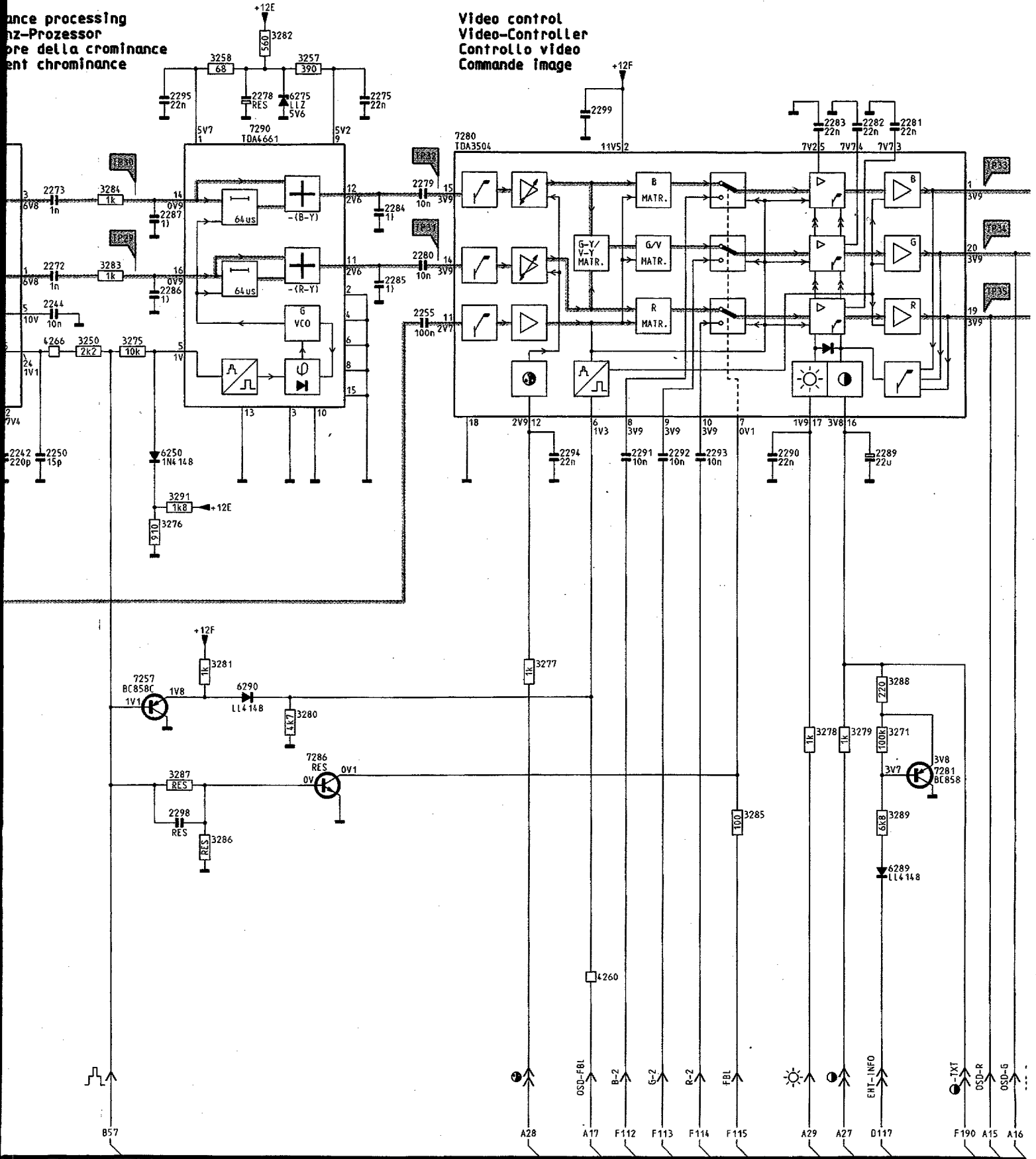
- 1) AMTSBLATT AMTSBLATT
- 2) SVHS SVHS
- 3) PIP PIN
- 4) PAL
- 5) SECAM
- 6) 21"
- 7) 14"+15"+17"

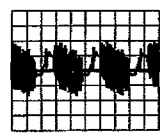
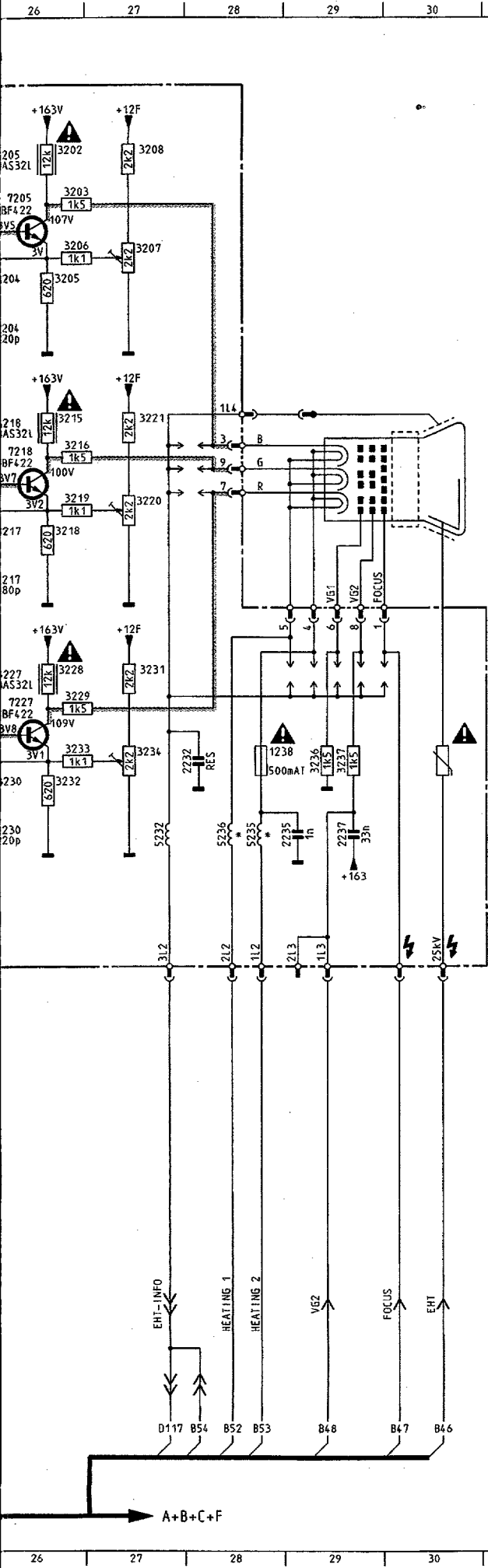
	1)	AMTSBLATT	AMTSBLATT
	2251	RES	110p
	2256	22p	39p
	2258	820	39p
	2284	RES	100p
	2285	RES	100p
	2286	RES	56p
	2287	RES	56p
	2288	RES	56p
	2297	RES	56p
	3290	JUMPER	220
	2)	SVHS	SVHS
	2297	RES	220p
	3251	820	470
	3252	910	820
	3253	680	390
	3256	820	560
	5251	SEL 4.942	SDL 4.830
	5280	RES	4.43MHz TRAP
	7285	RES	BC84B
	*	6)	7)
	3222	390	560
	3224	1K8	1K5
	5235	22u	6u8
	5236	22u	8u2

INTERFACE IS PRESENT				
	PIP	PIP TXT	TXT	PIP TXT
9909	NOT	NOT	JUMPER	JUMPER

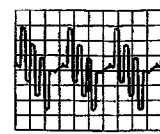
ance processing
Hz-Prozessor
ore della crominace
ent chrominance

Video control
Video-Controller
Controllo video
Comande image

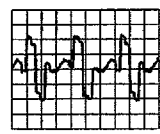




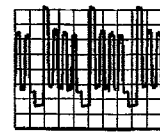
TP 28 ①
50 mV/div AC
20 uS/div



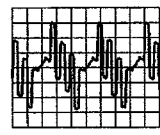
TP 32 ①
0,2 V/div AC
20 uS/div



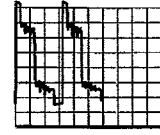
TP 29 ①
0,1 V/div AC
20 uS/div



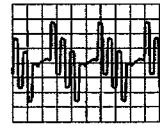
TP 33 ①
1 V/div DC
20 uS/div



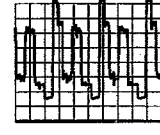
TP 30 ①
0,1 V/div AC
20 uS/div



TP 34 ①
1 V/div DC
20 uS/div



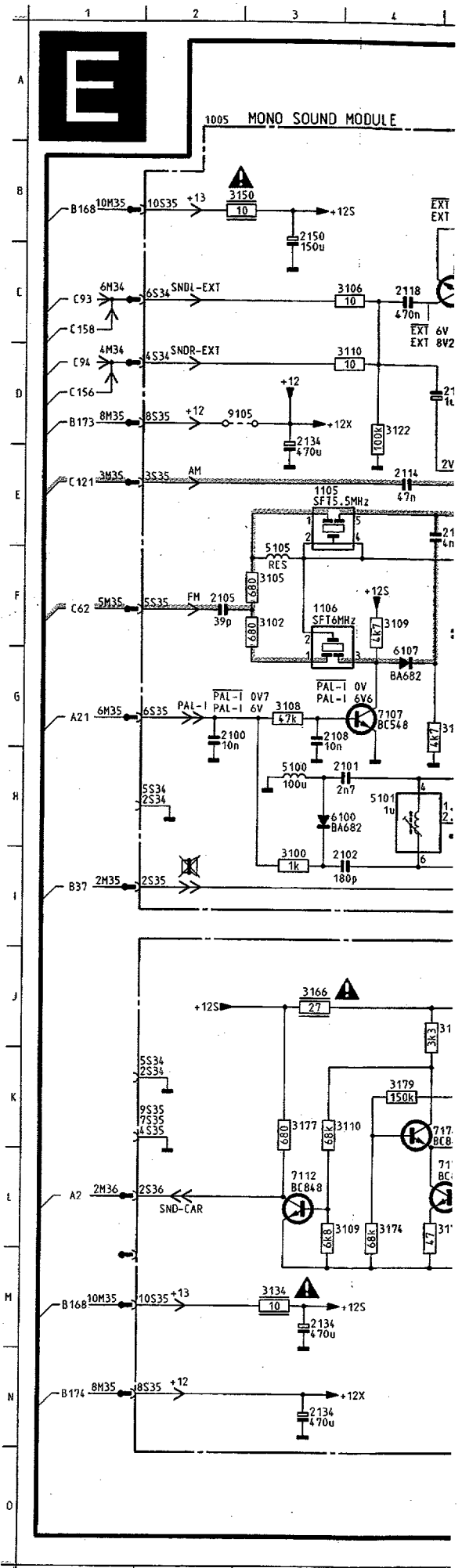
TP 31 ①
0,2 V/div AC
20 uS/div



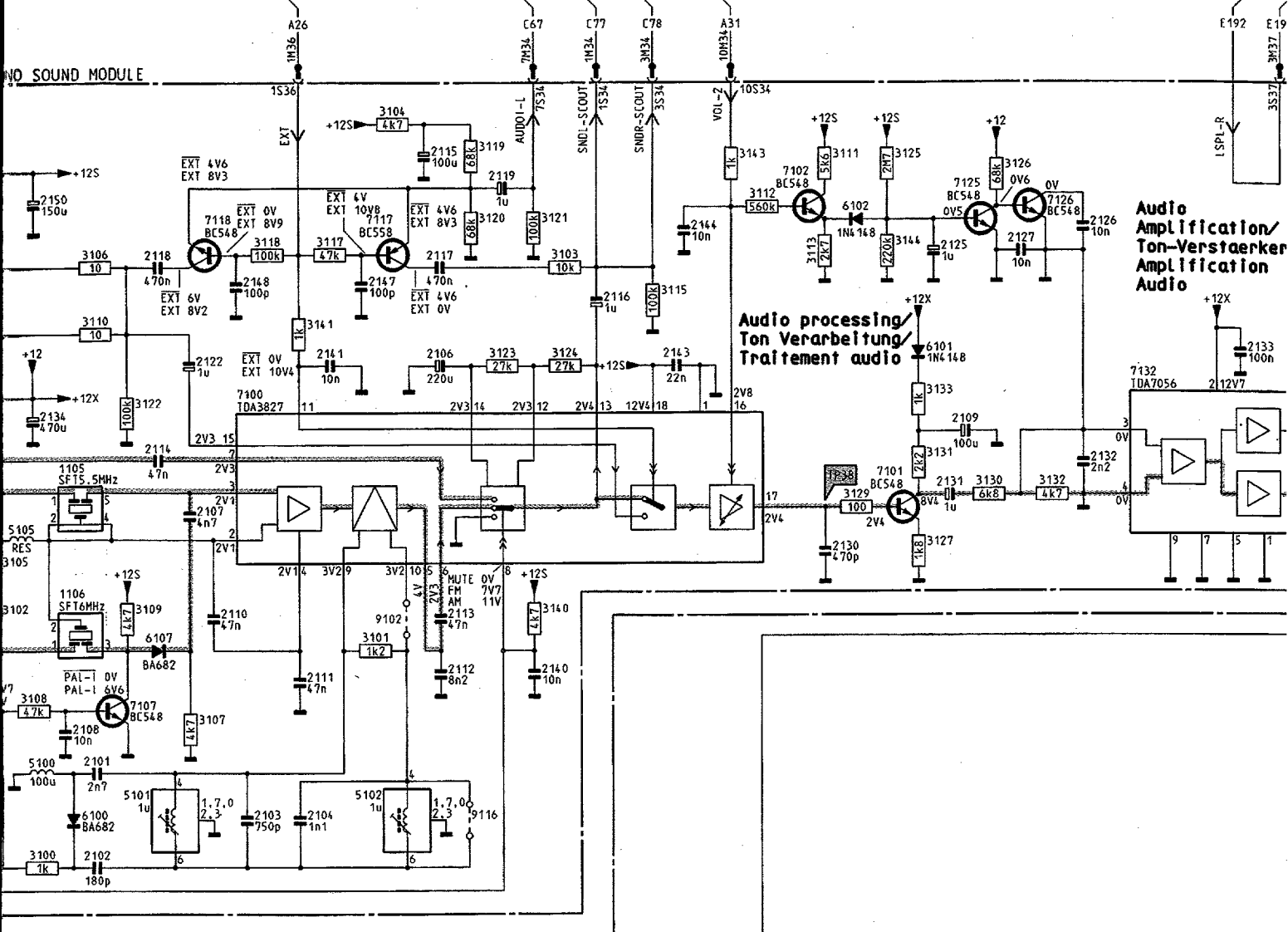
TP 35 ①
1 V/div DC
20 uS/div

1238	H28	3265	K 3
1272	G 8	3266	D 5
2204	C26	3267	D 5
2206	I25	3271	J21
2217	F26	3275	F12
2230	H26	3276	H12
2232	H28	3277	I16
2235	H29	3278	J20
2237	H29	3279	J20
2238	B25	3280	J14
2239	I24	3281	I13
2240	B24	3282	B13
2241	G 7	3283	E11
2242	G10	3284	D11
2243	G10	3285	K19
2244	E11	3286	L13
2245	G 9	3287	K12
2246	H 7	3288	J21
2247	C 9	3289	K21
2248	C 8	3290	D 2
2249	B 8	3291	H12
2250	G11	3296	J 4
2251	E 2	4250	C 2
2255	E15	4251	H 7
2256	D 2	4260	H17
2257	D 3	4262	B 7
2258	F 3	4266	F11
2259	D 4	5232	H27
2260	E 4	5235	H28
2262	E 5	5236	H28
2263	C 7	5238	A24
2264	D 5	5251	I 4
2265	G 8	5252	E 3
2266	G 9	5259	D 3
2267	G 7	5260	A 8
2268	G 7	5270	D23
2269	G 6	5271	E23
2270	I 3	5272	E23
2271	C 6	5280	I 4
2272	E11	5296	J 3
2273	D11	6205	B26
2275	C15	6218	D26
2276	D 3	6227	G26
2277	C 6	6250	G12
2278	C13	6275	C14
2279	D15	6289	L21
2280	E15	6290	J13
2281	C21	7205	D26
2282	C20	7218	E26
2283	C20	7225	G25
2284	D15	7227	G26
2285	E15	7250	C 6
2286	E12	7251	C 4
2287	D12	7255	K 3
2289	G21	7256	C 3
2290	G19	7257	J12
2291	G18	7260	D 6
2292	G18	7280	C16
2293	G19	7281	K21
2294	G17	7285	I 5
2295	C12	7286	K14
2296	J 4	7290	C13
2297	I 4	9239	H24
2298	K12	9909	E 1
2299	C17		
3202	B26		
3203	B26		
3204	C26		
3205	C26		
3206	C26		
3207	C27		
3208	B27		
3210	D24		
3211	E24		
3212	F24		
3213	B25		
3214	E25		
3215	D26		
3216	E26		
3217	E26		
3218	E26		
3219	E26		
3220	E27		
3221	D27		
3222	E24		
3224	F25		
3225	G24		
3226	H24		
3227	G25		
3228	G26		
3229	G26		
3230	H26		
3231	G27		
3232	H26		
3233	H26		
3234	H27		
3236	H29		
3237	H29		
3239	I24		
3247	H 7		
3248	C 9		
3249	C 8		
3250	F11		
3251	I 4		
3252	I 5		
3253	I 6		
3254	A 9		
3255	A 8		
3256	I 3		
3257	B14		
3258	B13		
3260	D 3		
3261	C 3		
3262	B 2		
3263	B 4		
3264	D 4		

ANUBIS B
C136532019/014, DREF
120293



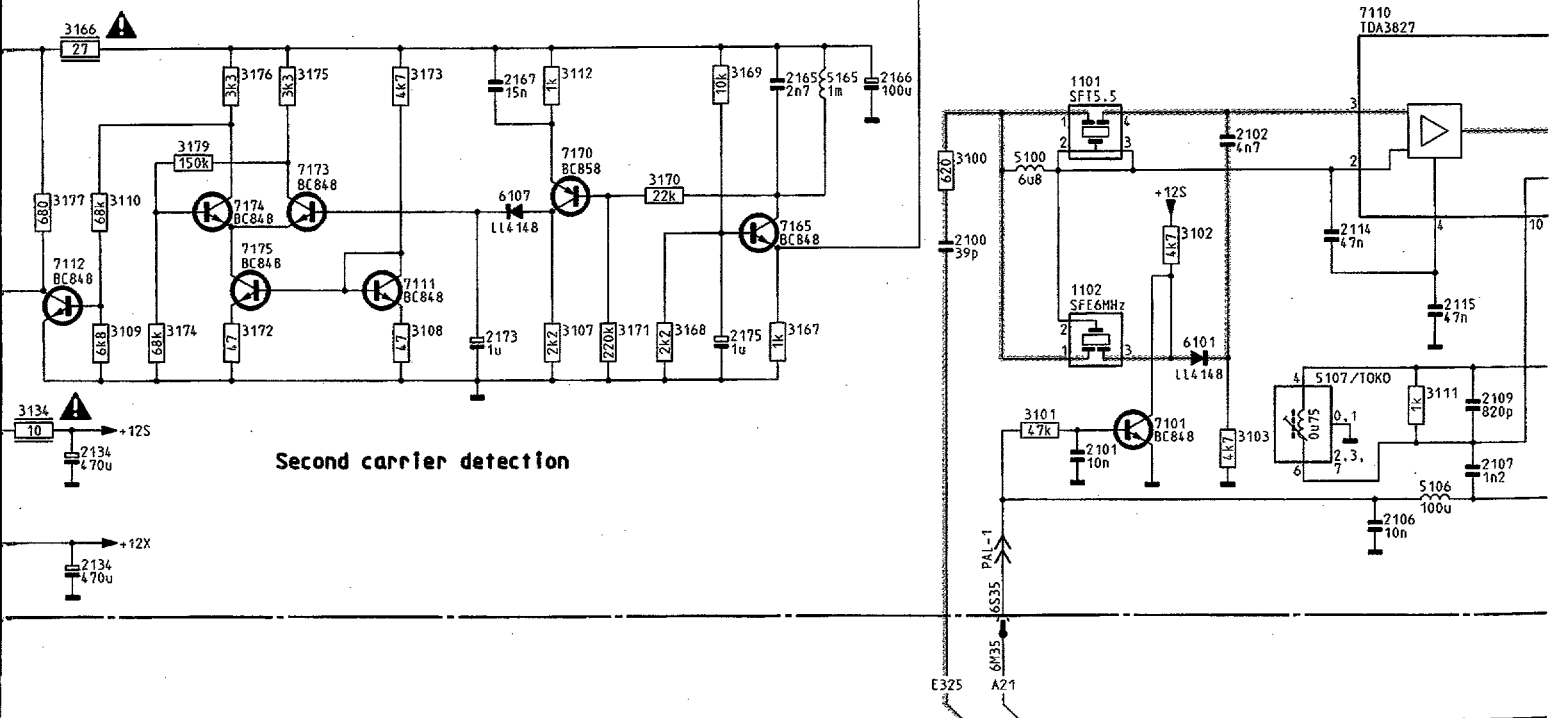
NO SOUND MODULE



Audio Amplification / Ton-Verstärker / Amplification Audio

Audio processing / Ton Verarbeitung / Traitement audio

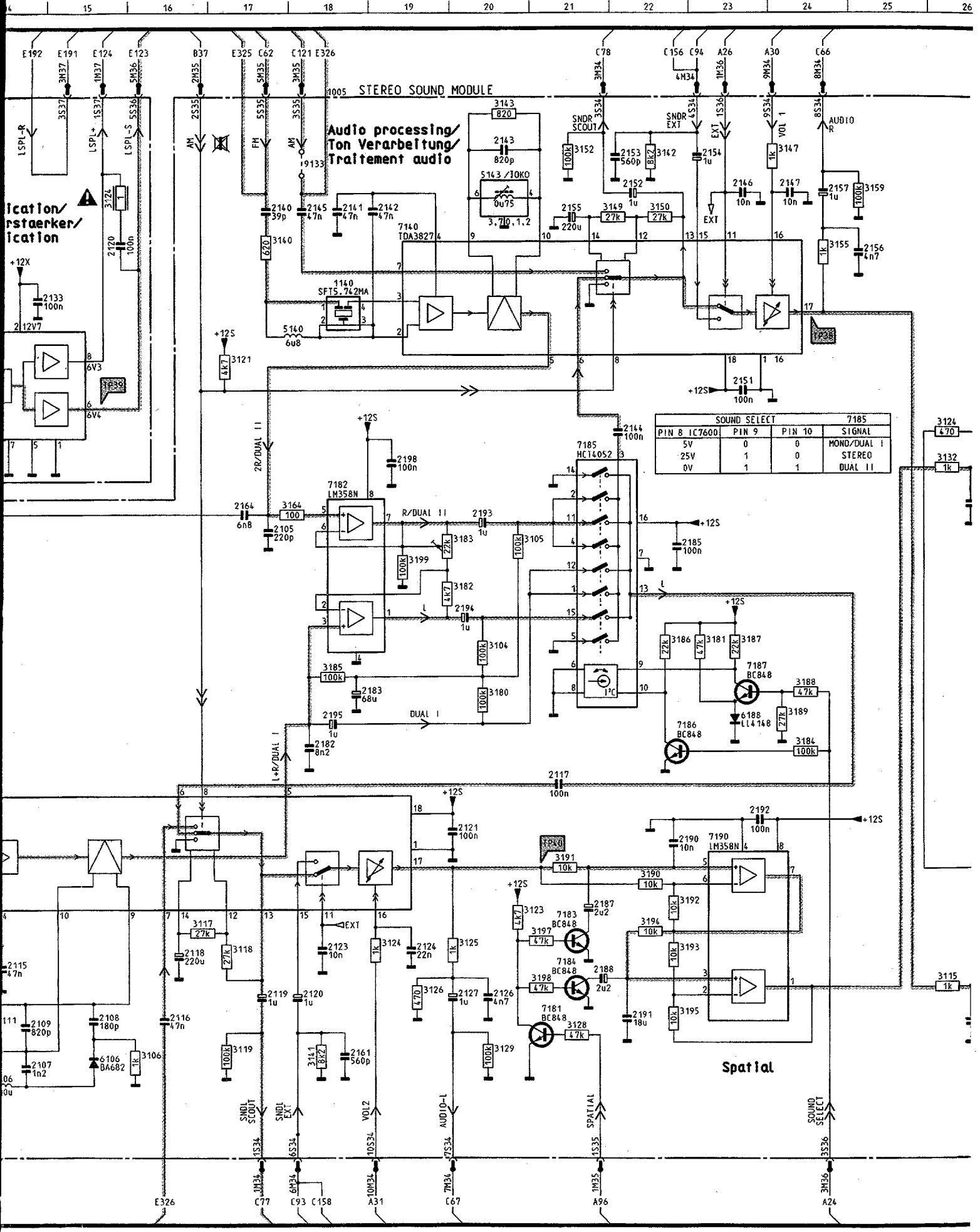
Second carrier detection



Audio Amplification / Ton-Verstärker / Amplification Audio

Second carrier detection

Traitement audio

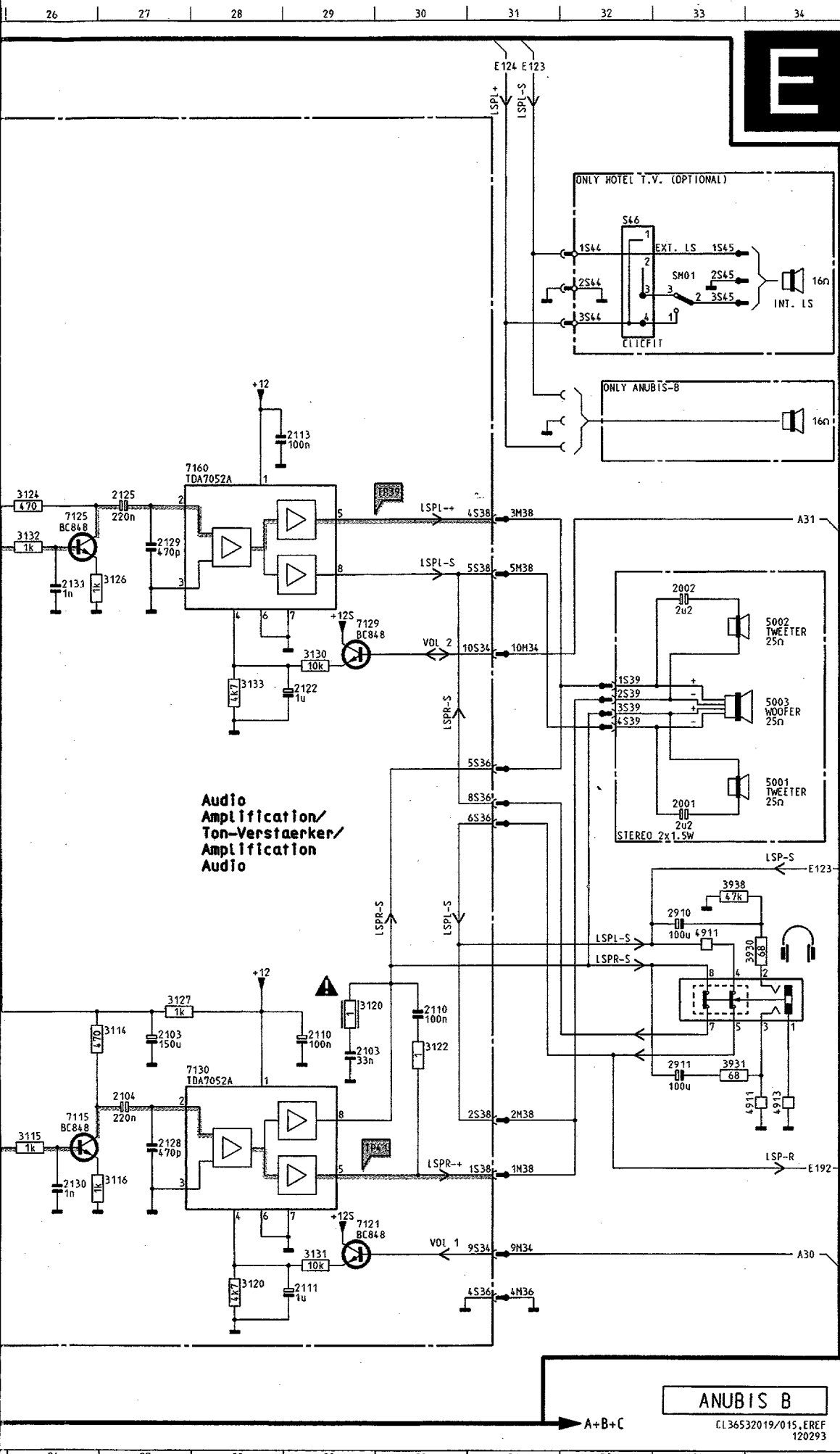


STEREO SOUND MODULE

Audio processing / Ton Verarbeitung / Traitement audio

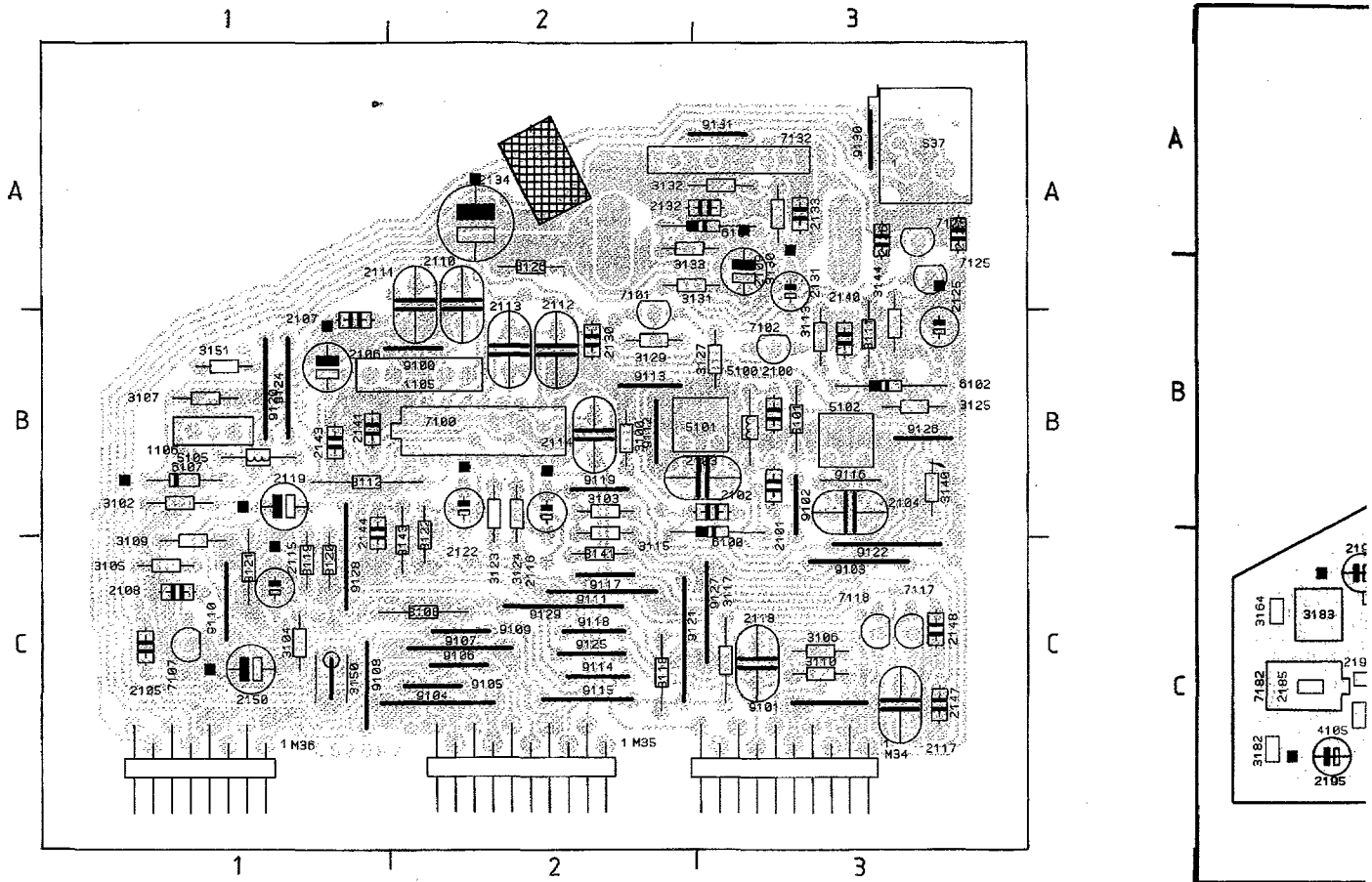
SOUND SELECT 7185				
PIN 8	IC7600	PIN 9	PIN 10	SIGNAL
5V	0	0	0	MONO/DUAL I
25V	1	0	1	STEREO
0V	1	1	1	DUAL II

Spatial



1005	A18	2911	L33	3198	L21
1005	A 2	3100	K10	3199	G19
1101	J11	3100	L 3	3930	J34
1102	L11	3101	M11	3931	L33
1105	E 3	3101	G 6	3938	J33
1106	F 3	3102	K12	4911	L34
1140	D18	3102	F 3	4911	J33
2001	I33	3103	M12	4913	L34
2002	F33	3103	C 8	5001	L34
2100	L10	3104	H20	5002	G34
2100	G 2	3104	B 6	5003	H34
2101	M11	3105	G20	5100	K11
2101	H 4	3105	F 3	5100	H 3
2102	K12	3106	M16	5101	H 4
2102	L 4	3106	C 4	5102	H 6
2103	K29	3107	L 7	5105	F 3
2103	K27	3107	G 5	5106	N14
2103	H 5	3108	L 6	5107	M13
2104	L27	3108	G 3	5140	D18
2104	H 6	3109	L 3	5143	B20
2105	G17	3109	F 4	5165	J 9
2105	F 2	3110	K 3	6100	H 3
2106	M13	3110	D 4	6101	L12
2106	D 7	3111	M14	6101	D11
2107	M14	3111	B11	6102	C11
2107	E 5	3112	J 7	6106	M15
2108	M15	3112	B10	6107	K 7
2108	G 3	3113	C10	6107	G 4
2109	M14	3114	K27	6188	I23
2109	E12	3115	L26	7100	D 5
2110	K30	3115	C 9	7101	M12
2110	K29	3116	M27	7101	E11
2110	F 5	3117	L16	7102	B10
2111	M29	3117	C 6	7107	G 4
2111	G 6	3118	L17	7110	J13
2112	G 7	3118	C 5	7111	L 6
2113	E29	3119	M17	7112	L 3
2113	F 7	3119	B 7	7115	L26
2114	L13	3120	K29	7117	C 6
2114	E 4	3120	N28	7118	C 5
2115	L14	3120	C 7	7121	M29
2115	B 7	3121	E17	7125	F26
2116	M16	3121	C 8	7125	B12
2116	E 8	3122	K30	7126	C13
2117	J21	3122	D 4	7129	G30
2117	C 7	3123	K20	7130	L27
2118	L16	3123	D 7	7132	D13
2118	C 4	3124	L19	7140	C19
2119	M17	3124	E26	7160	E27
2119	B 7	3124	D 8	7165	L 9
2120	M18	3124	C15	7170	K 7
2120	C15	3125	L20	7173	K 5
2121	J20	3125	B11	7174	K 4
2122	G29	3126	L19	7175	L 5
2122	D 5	3126	F27	7181	M1
2123	L18	3126	B12	7182	F18
2124	L19	3127	K27	7183	L21
2125	E27	3127	F11	7184	L21
2125	C12	3128	M21	7185	F21
2126	M20	3129	M20	7186	I22
2126	C13	3129	E11	7187	H23
2127	M20	3130	G29	7190	K23
2127	C12	3130	E12	9102	F 6
2128	L27	3131	M29	9105	D 2
2129	F27	3131	E11	9116	H 7
2130	M26	3132	F26	9133	B18
2130	F11	3132	E13		
2131	F26	3133	G28		
2131	E12	3133	D11		
2132	E13	3134	H 3		
2133	D14	3140	C17		
2134	M 3	3140	F 8		
2134	N 3	3141	M18		
2134	D 3	3141	D 6		
2140	C17	3142	B22		
2140	G 8	3143	A20		
2141	E18	3143	B10		
2141	D 6	3144	C11		
2142	C19	3147	B24		
2143	B20	3149	C22		
2143	D 9	3150	C22		
2144	E22	3150	B 2		
2144	C 9	3152	B21		
2145	C18	3155	B25		
2146	B23	3159	C24		
2147	B24	3164	F18		
2147	C 6	3166	J 3		
2148	C 5	3167	L 9		
2150	B 3	3168	L 8		
2151	E23	3169	J 8		
2152	B22	3170	K 8		
2153	B22	3171	L 7		
2154	B23	3172	L 5		
2155	C21	3173	J 6		
2156	C25	3174	L 4		
2157	C24	3175	J 5		
2161	M18	3176	J 5		
2164	F17	3177	K 3		
2165	J 9	3179	K 4		
2166	J10	3180	L20		
2167	J 7	3181	H23		
2173	L 6	3182	G20		
2175	L 8	3183	G20		
2182	L18	3184	I24		
2183	L18	3185	H18		
2185	G22	3186	H22		
2187	K21	3187	H23		
2188	L21	3188	I24		
2190	K22	3189	I24		
2191	M22	3190	K22		
2192	J23	3191	K21		
2193	G20	3192	K22		
2194	H20	3193	L22		
2195	L18	3194	L22		
2198	F19	3195	M22		
2910	J33	3197	L21		

ANUBIS B
CL36532019/015, EREF
120293



- | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| M34 C3 | 2106 B1 | 2117 C3 | 2134 A2 | 3103 B2 | 3115 B2 | 3127 B3 | 3151 B1 | 7102 B3 | 9104 C2 | 9115 C2 | 9127 C3 | S34 C4 | 2109 B5 |
| M35 C2 | 2107 B1 | 2118 C3 | 2140 B3 | 3104 C1 | 3117 C3 | 3129 B2 | 5100 B3 | 7107 C1 | 9105 C2 | 9116 B3 | 9128 C1 | S35 C3 | 2110 B2 |
| M36 C1 | 2108 C1 | 2119 B1 | 2141 B1 | 3105 C1 | 3118 C2 | 3130 A3 | 5101 B3 | 7117 C3 | 9106 C2 | 9117 C2 | 9129 C2 | S36 C2 | 2113 B3 |
| S37 A3 | 2109 A3 | 2122 B2 | 2143 B1 | 3106 C3 | 3119 C1 | 3131 A3 | 5102 B3 | 7118 C3 | 9107 C2 | 9118 C2 | 9130 A3 | S38 B3 | 2114 B4 |
| 1106 B1 | 2110 A2 | 2125 B3 | 2144 B1 | 3107 B1 | 3120 C1 | 3132 A3 | 5105 B1 | 7125 A3 | 9108 C1 | 9119 B2 | 9131 A3 | 1101 B4 | 2115 B4 |
| 2100 B3 | 2111 A2 | 2126 A3 | 2147 C3 | 3108 C2 | 3121 C1 | 3133 A3 | 6100 B3 | 7126 A3 | 9109 C2 | 9120 B1 | | 1102 B4 | 2116 B5 |
| 2101 B3 | 2112 B2 | 2127 A3 | 2148 C3 | 3109 C1 | 3122 B2 | 3140 B3 | 6101 A3 | 7132 A3 | 9110 C1 | 9121 C2 | | 1140 A4 | 2117 C1 |
| 2102 B3 | 2113 B2 | 2130 B2 | 2150 C1 | 3110 C3 | 3123 B2 | 3141 C2 | 6102 B3 | 9100 B2 | 9111 C2 | 9122 C3 | | 2100 C3 | 2118 C5 |
| 2103 B3 | 2114 B2 | 2131 A3 | 3100 B2 | 3111 B3 | 3124 B2 | 3143 C2 | 6107 B1 | 9101 C3 | 9112 B2 | 9124 B1 | | 2101 C3 | 2119 C5 |
| 2104 B3 | 2115 C1 | 2132 A3 | 3101 B3 | 3112 B1 | 3125 B3 | 3144 B3 | 7100 B2 | 9102 B3 | 9113 B2 | 9125 C2 | | 2102 B4 | 2120 C4 |
| 2105 C1 | 2116 B2 | 2133 A3 | 3102 B1 | 3113 B3 | 3126 A2 | 3150 C1 | 7101 A2 | 9103 C3 | 9114 C2 | 9126 B3 | | 2103 C3 | 2121 B4 |

M34 MONO		S34
1	← SNDL-SCOUT	1
2	↓	2
3	← SNDR-SCOUT	3
4	→ SNDR-EXT	4
5	↓	5
6	→ SNDL-EXT	6
7	← AUDIO-L	7
8	N.C.	8
9	N.C.	9
10	→ VOL-2 ∇ L	10

M35 MONO		S35
1	→ N.C.	1
2	→ MUTE	2
3	→ AM	3
4	↓	4
5	→ FM	5
6	→ PAL-1	6
7	↓	7
8	→ +12	8
9	↓	9
10	→ +13	10

M36 MONO		S36
1	→ EXT	1
2	N.C.	2
3	N.C.	3
4	↓	4
5	← LSPL-S	5
6	N.C.	6
7	N.C.	7
8	N.C.	8

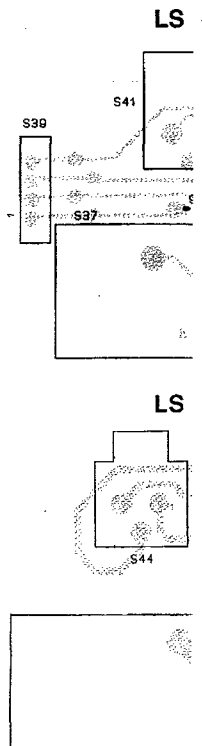
CL 36532022/026
080293

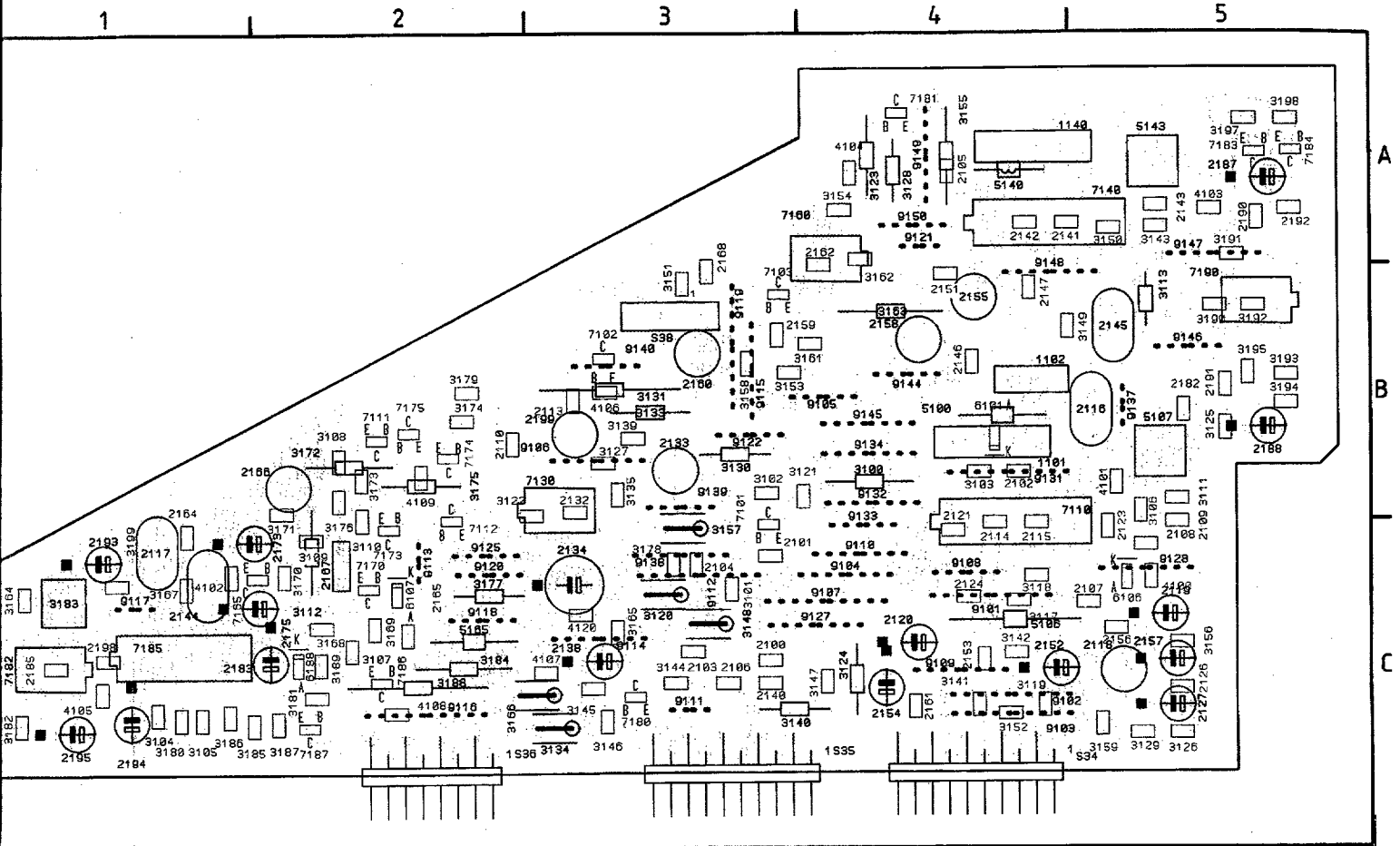
M34 STEREO		S34
1	← SNDL-SCOUT	1
2	↓	2
3	← SNDR-SCOUT	3
4	→ SNDR-EXT	4
5	↓	5
6	→ SNDL-EXT	6
7	← AUDIO-L	7
8	← AUDIO-R	8
9	→ VOL-1 ∇ R	9
10	→ VOL-2 ∇ L	10

M35 STEREO		S35
1	→ SPATIAL	1
2	→ MUTE	2
3	→ AM	3
4	↓	4
5	→ FM	5
6	→ PAL-1	6
7	↓	7
8	→ +12	8
9	↓	9
10	→ +13	10

M36 STEREO		S36
1	→ EXT	1
2	← SND-CAR	2
3	→ SOUND-SELECT	3
4	↓	4
5	← LSPL-S	5
6	→ LSPL-R	6
7	← LSPR-S	7
8	→ LSPR-R	8

CL 36532022/022
080293

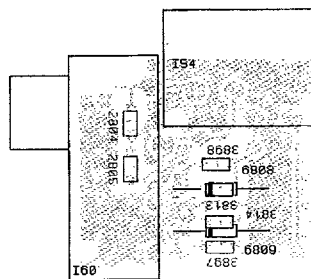
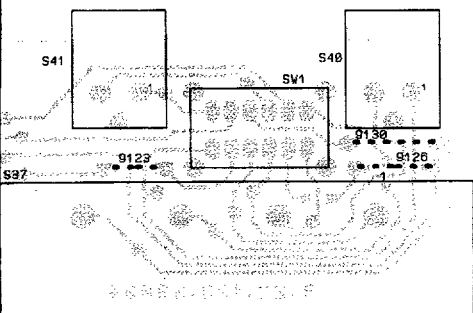




2109 B5	2133 B3	2156 C5	2185 C1	3105 C1	3124 C4	3144 C3	3161 B4	3177 C2	3193 B5	4120 C3	7112 B2	7167 C2	9115 B3	9138 C3
2110 B2	2134 C3	2157 C5	2187 A5	3106 B5	3125 B5	3145 C3	3162 A4	3178 C3	3194 B5	5100 B4	7130 B3	7190 B5	9116 C2	9139 B3
2113 B3	2138 C3	2158 B4	2188 B5	3107 C2	3126 C5	3146 C3	3163 B4	3179 B2	3195 B5	5106 C4	7140 A4	9101 C4	9117 C1	9140 B3
2114 B4	2140 C3	2159 B3	2190 A5	3108 B2	3127 B3	3147 C4	3164 C1	3180 C1	3197 A5	5107 B5	7160 A4	9102 C4	9118 C2	9144 B4
2115 B4	2141 A5	2160 B3	2191 B5	3109 C2	3128 A4	3148 C3	3165 C3	3181 C2	3198 A5	5140 A4	7165 C2	9103 C4	9119 B3	9145 B4
2116 B5	2142 A4	2161 C4	2192 A5	3110 B2	3129 C5	3149 B5	3166 C3	3182 C1	3199 C1	5143 A5	7170 C2	9104 C4	9120 C2	9146 B5
2117 C1	2143 A5	2162 A4	2193 C1	3111 B5	3130 B3	3150 A5	3167 C1	3183 C1	4100 C5	5165 C2	7173 B2	9105 B4	9121 A4	9147 A5
2118 C5	2144 C1	2164 B1	2194 C1	3112 C2	3131 B3	3151 A3	3168 C2	3184 C2	4101 B5	6101 B4	7174 B2	9106 B3	9122 B3	9148 A4
2119 C5	2145 B5	2165 C2	2195 C1	3113 B5	3133 B3	3152 C4	3169 C2	3185 C1	4102 C1	6106 C5	7175 B2	9107 C4	9125 C2	9149 A4
2120 C4	2146 B4	2166 B2	2198 C1	3117 C4	3134 C3	3153 B3	3170 C2	3186 C1	4103 A5	6107 C2	7180 C3	9108 C4	9127 C4	9150 A4
2121 B4	2147 A4	2167 C2	2199 B3	3118 C4	3135 B3	3154 A4	3171 B2	3187 C2	4104 A4	6186 C2	7181 A4	9109 C4	9128 C5	
2123 B5	2151 A4	2168 A3	3100 B4	3119 C4	3139 B3	3155 A4	3172 B2	3188 C2	4105 C1	7101 B3	7182 C1	9110 C4	9131 B4	
2124 C4	2152 C4	2173 C2	3101 C3	3120 C3	3140 C3	3156 C5	3173 B2	3189 C2	4106 B3	7102 B3	7183 A5	9111 C3	9132 B4	
2126 C5	2153 C4	2175 C2	3102 B3	3121 B4	3141 C4	3157 B3	3174 B2	3190 B5	4107 C3	7103 A3	7184 A5	9112 C3	9133 B4	
2127 C5	2154 C4	2182 B5	3103 B4	3122 B3	3142 C4	3158 B3	3175 B2	3191 A5	4108 C2	7110 B4	7185 C1	9113 C2	9134 B4	
2132 B3	2155 B4	2183 C2	3104 C1	3123 A4	3143 A5	3159 C5	3176 B2	3192 B5	4109 B2	7111 B2	7186 C2	9114 C3	9137 B5	

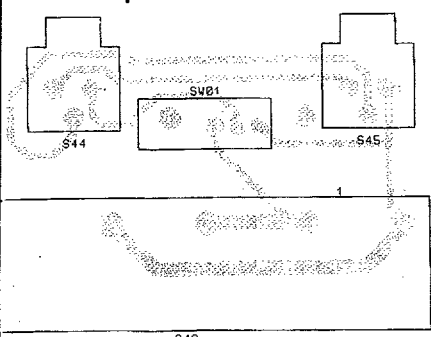
LS panel for stereo

SVHS connector panel

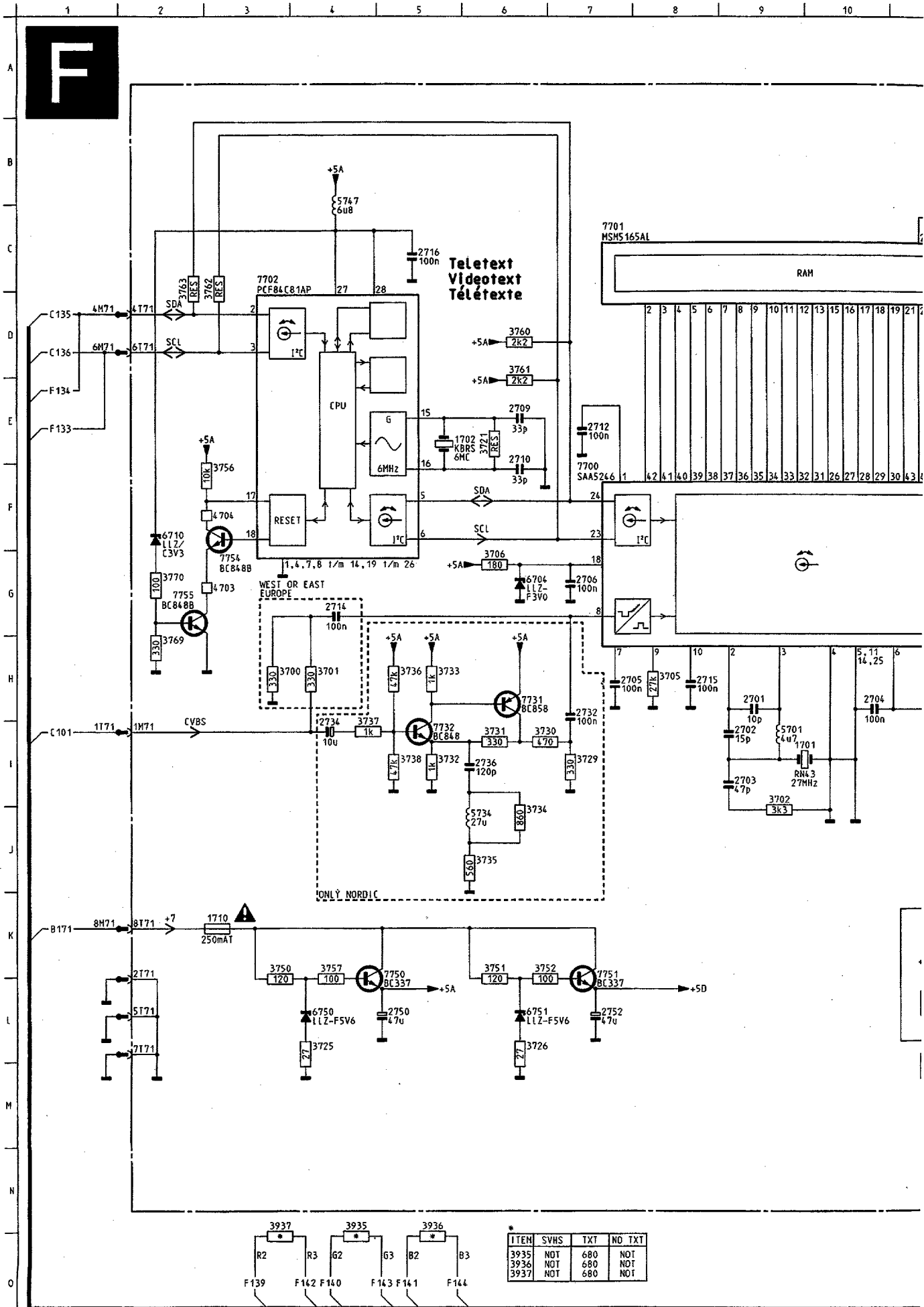


S39		CLICK FIT
1	→ LSPL+	1
2	→ LSPL-R	2
3	→ LSPR+	3
4	→ LSPR-R	4
S40		LEFT L.S.
1	→ LSPL+	1
2	N.C.	2
3	→ LSPL-R	3
S41		RIGHT L.S.
1	→ LSPR+	1
2	N.C.	2
3	→ LSPR-R	3
M50		I54
1	← SVHS-C	1
2	⊥	2
3	← SVHS-Y	3
4	← SNDR-SVHS-IN	4
5	⊥	5
6	← SNDL-SVHS-IN	6

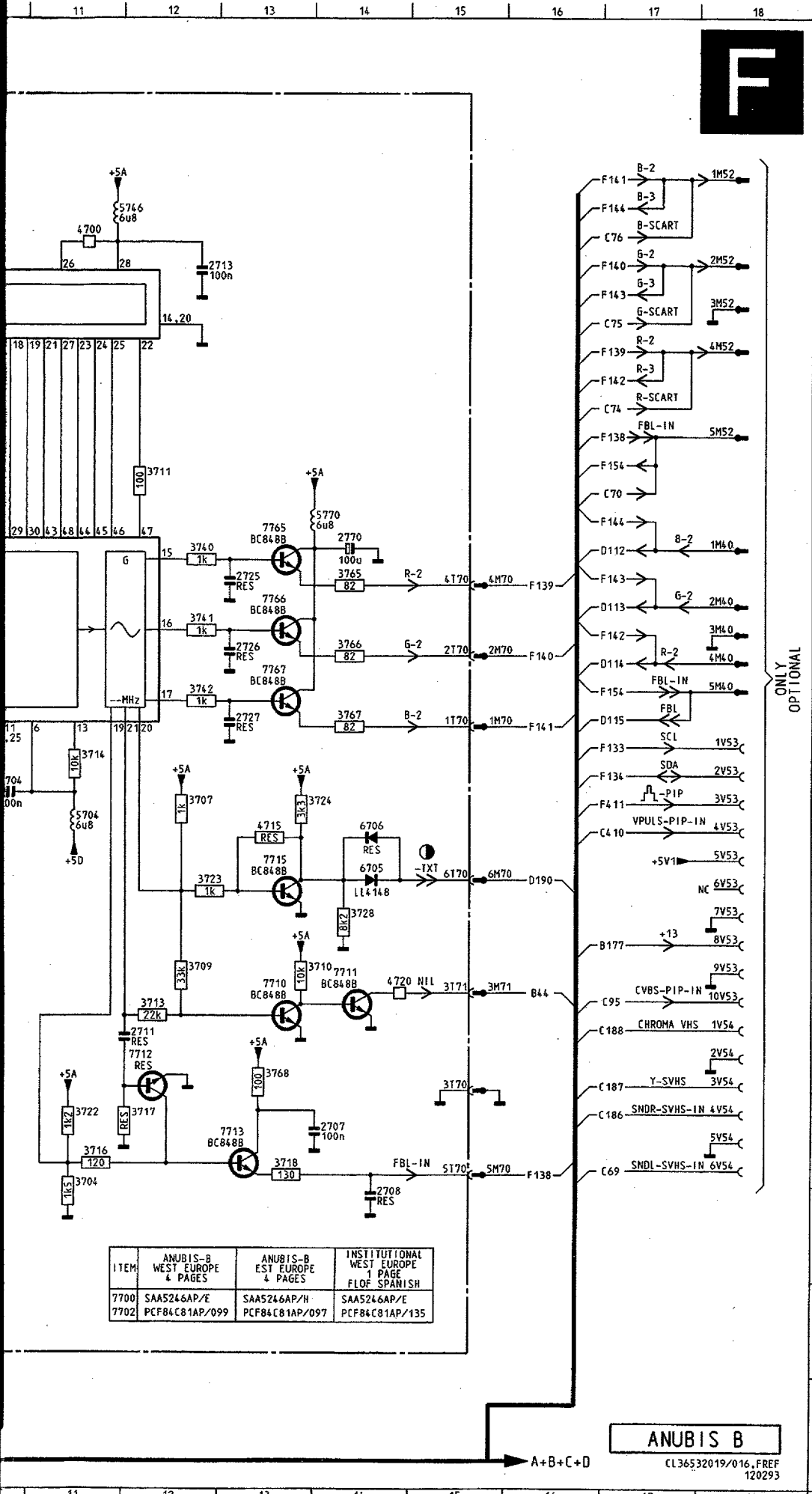
LS panel for hotel TV



CL 36532022/023
080293



ITEM	SVHS	TXT	NO TXT
3935	NOT	680	NOT
3936	NOT	680	NOT
3937	NOT	680	NOT



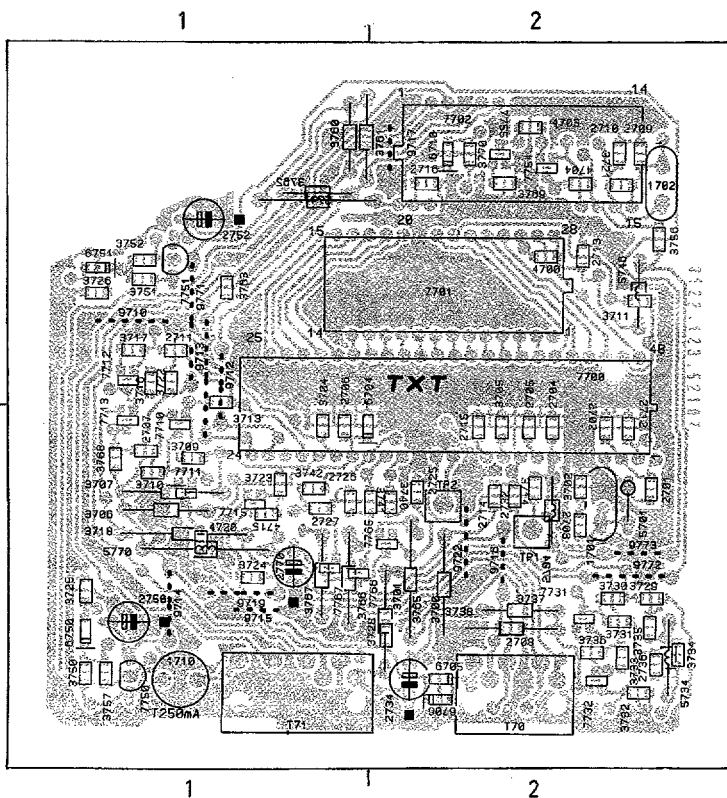
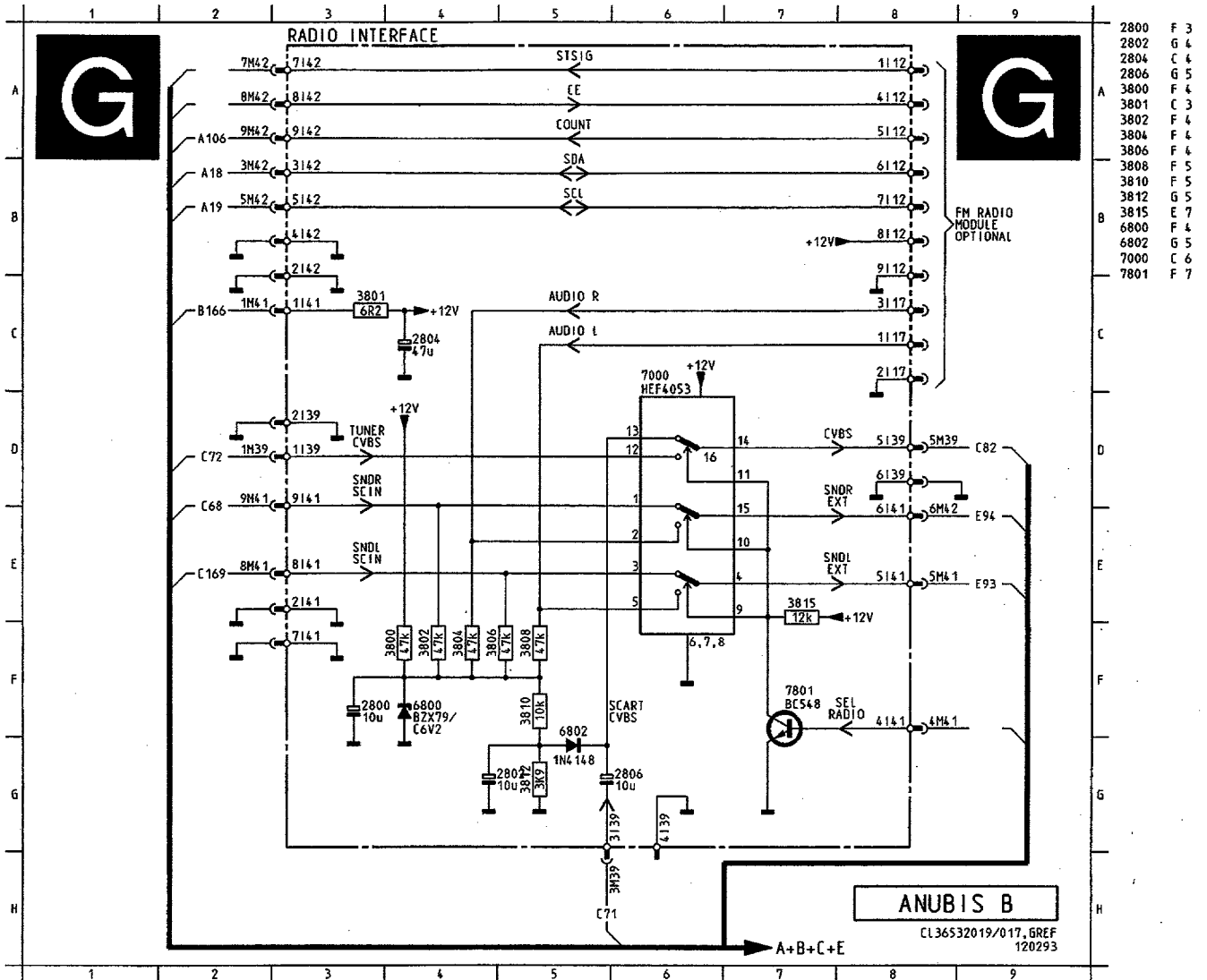
- 1701 I 10 7767 G13
- 1702 E 5
- 1710 K 3
- 2701 H 9
- 2702 I 9
- 2703 I 9
- 2704 H10
- 2705 H 7
- 2706 G 7
- 2707 L14
- 2708 M14
- 2709 E 6
- 2710 E 6
- 2711 K12
- 2712 E 7
- 2713 C12
- 2714 G 4
- 2715 H 8
- 2716 C 5
- 2725 F13
- 2726 G13
- 2727 H13
- 2732 H 7
- 2734 I 4
- 2736 I 6
- 2750 L 5
- 2752 L 7
- 2770 F14
- 2949 N 6
- 3700 H 3
- 3701 H 4
- 3702 I 9
- 3704 L11
- 3705 H 8
- 3706 G 6
- 3707 H12
- 3709 J12
- 3710 J13
- 3711 E12
- 3713 K12
- 3714 H11
- 3716 L11
- 3717 L12
- 3718 L13
- 3721 E 6
- 3722 L11
- 3723 I12
- 3724 H13
- 3725 L 4
- 3726 L 6
- 3728 J14
- 3729 I 7
- 3730 I 6
- 3731 I 6
- 3732 I 5
- 3733 H 5
- 3734 I 6
- 3735 J 6
- 3736 H 5
- 3737 I 4
- 3738 I 5
- 3740 F12
- 3741 G12
- 3742 G12
- 3750 K 3
- 3751 K 6
- 3752 K 6
- 3756 E 3
- 3757 K 4
- 3760 D 6
- 3761 D 6
- 3762 C 3
- 3763 C 2
- 3765 F14
- 3766 G14
- 3767 H14
- 3768 K13
- 3769 G 2
- 3770 G 2
- 3935 N 3
- 3936 N 4
- 3937 N 2
- 4700 C11
- 4703 G 3
- 4704 F 3
- 4715 I13
- 4720 J14
- 5701 I 9
- 5704 I11
- 5734 J 6
- 5746 B11
- 5747 C 4
- 5770 F14
- 6704 G 6
- 6705 I14
- 6706 J14
- 6710 F 2
- 6750 L 4
- 6751 L 6
- 6958 N 5
- 7700 F 7
- 7701 C 7
- 7702 C 3
- 7710 J13
- 7711 J14
- 7712 K12
- 7713 L13
- 7715 I13
- 7731 H 6
- 7732 I 5
- 7750 L 5
- 7751 L 7
- 7754 G 3
- 7755 G 2
- 7765 F13
- 7766 F13

ONLY OPTIONAL

ITEM	ANUBIS-B WEST EUROPE 4 PAGES	ANUBIS-B EST EUROPE 4 PAGES	INSTITUTIONAL WEST EUROPE 1 PAGE FLOF SPANISH
7700	SAAS246AP/E	SAAS246AP/H	SAAS246AP/E
7702	PCF84C81AP/099	PCF84C81AP/097	PCF84C81AP/135

ANUBIS B
 CL36532019/016, FREF
 120293

A+B+C+D



M70		T70
1	← B-2	1
2	← G-2	2
3	⊥	3
4	← R-2	4
5	← FBL-IN	5
6	← CONTR-TXT	6

M71		T71
1	→ CVBS	1
2	⊥	2
3	⊥	3
4	← SDA	4
5	⊥	5
6	→ SCL	6
7	⊥	7
8	→ +7	8

CL 36532022/024
080293

T70 B2	2714 B2	3709 B1	3732 B2	3766 B1	6750 B1	7767 B1
T71 B1	2715 B2	3710 B1	3733 B2	3767 B1	6751 A1	9710 A1
1701 B2	2716 A2	3711 A2	3734 B2	3768 B1	7700 A2	9712 A1
1702 A2	2725 B2	3713 A1	3735 B2	3769 A2	7701 A2	9713 A1
1710 B1	2726 B2	3714 B2	3736 B2	3770 A2	7702 A2	9714 B1
2701 B2	2727 B1	3716 A1	3737 B2	4700 A2	7710 B1	9715 B1
2702 B2	2732 B2	3717 A1	3738 B2	4703 A2	7711 B1	9716 B2
2703 B2	2734 B2	3718 B1	3740 B2	4704 A2	7712 A1	9717 A2
2704 B2	2736 B2	3721 A2	3741 B2	4720 B1	7713 B1	9719 B1
2705 B2	2750 B1	3722 A1	3742 B1	5701 B2	7715 B1	9722 B1
2706 B1	2752 A1	3723 B1	3750 B1	5704 B2	7731 B2	9722 B2
2707 B1	2770 B1	3724 B1	3751 A1	5734 B2	7732 B2	9772 B1
2708 B2	3700 B2	3725 B1	3752 A1	5746 A2	7750 B1	9773 B2
2709 A2	3701 B2	3726 A1	3756 A2	5747 A1	7751 A1	
2710 A2	3704 B1	3728 B2	3757 B1	5770 B1	7754 A2	
2711 A1	3705 B2	3729 B2	3760 A1	6704 B2	7755 A2	
2712 B2	3706 B1	3730 B2	3761 A1	6705 B2	7765 B2	
2713 A2	3707 B1	3731 B2	3765 B2	6710 A2	7766 B2	

Electrical adjustments

1. Adjustments on the main panel (Fig. 7.1)

- 1.1 +95V power supply voltage**
Connect a voltmeter (DC) between pin 6 of connector M5 and ground. Adjust potentiometer 3535 for a voltage of +95V.
- 1.2 Horizontal synchronization**
Interconnect pins 8 and 28 of IC7300. Apply an aerial signal and tune the set. Adjust potentiometer 3356 until the picture is straight. Remove the interconnection.
- 1.3 Horizontal centring**
Is adjusted with potentiometer 3354.
- 1.4 Picture width**
Can be adjusted using potentiometer 3474.
- 1.5 Vertical centring**
Can be adjusted via switch 1401.
- 1.6 Picture height**
Is adjusted with potentiometer 3410.
- 1.7 Focussing**
Is adjusted with the focussing potentiometer in the line output transformer (see Fig. 7.2).
- 1.8 Chroma band-pass filter for PAL/SECAM sets**
Connect a signal generator (e.g. PM5326) to pin 20 of the euro connector and adjust it for a frequency of 4,286 MHz. Connect pin 8 of the euro connector and pin 27 of IC7250 to pin 13 of IC7250 (+12V). Connect an oscilloscope to pin 15 of IC7250. Adjust 5259 for a maximum amplitude. Remove the interconnections.
- 1.9 Chroma subcarrier oscillator**
Apply a PAL colour-bar pattern. Interconnect pin 11 of IC7260 (TDA4510) or pin 17 of IC7250 (TDA4650) to ground. Adjust 2265 so that colour pattern on the screen is practically stationary. Remove the interconnection.
- 1.10 SECAM demodulators for PAL/SECAM sets**
Connect a pattern generator (e.g. PM5518) and select a SECAM black pattern. Connect an oscilloscope to pin 1 of IC7250. Using 5260 adjust to minimum amplitude. Connect the oscilloscope to pin 3 of IC7250. Using 3255 adjust to minimum amplitude.

2. Adjustments on the IF and synchronisation panel (Fig. 7.3)

- 2.1 IF filter for PAL/SECAM BGLL'- or PAL/SECAM BGLL'I sets**
Connect a signal generator (e.g. PM 5326) via a condensator 5p6 to pin 17 of the tuner and adjust the frequency for 33.4 MHz. Connect an oscilloscope to pin 1 of filter 1301. Switch on the set and select system Europe via the system button on the set. Adjust 5305 for a minimum amplitude.
- 2.2 AFC**
- a. Alignments for PAL/SECAM BGLL'- or PAL/SECAM BGLL'I sets**
Connect a signal generator (e.g. PM 5326) as indicated in point 1.7 and adjust the frequency for 33.4 MHz. Tune the set in the VHF1 band at a tuning voltage of approx. 5V on pin 11 of the tuner. Select system France via the system button on the set. Connect a voltmeter to pin 21 of IC7300. Adjust 5322 for 6V (DC). Next adjust the frequency of the signal generator for 38,9 MHz. Select system Europe on the set. Adjust 5320 for 6V (DC).
- b. Alignment for PAL BG-, PAL/SECAM BG-, PAL/SECAM BGDK- or PAL I sets**
Connect a signal generator (e.g. PM 5326) as indicated in point 1.7 and adjust the frequency for 38.9 MHz (PAL I: 39.5MHz). Connect a voltmeter to pin 21 of IC7300. Adjust 5320 for 6V (DC).
- 2.3 RF AGC**
If the picture of a strong local transmitter is reproduced distorted, adjust potentiometer 3021 until the picture is undistorted.
- 2.4 MF-sound bandpass filter (for TV's with TDA3843 and TDA3845)**
Connect a pattern generator (e.g. PM5518) and select SECAM L which has a sound carrier wave (AM) with a frequency of 1kHz. Tune the set and select system "FRANCE". Connect pin 3 of IC7593 with 2V DC supplied from an external power supply. Short pin 7 of IC7593 to earth.
* Adjust L5584 to the maximum DC voltage on pin 6 of IC7593
* Adjust L5586 to the maximum DC voltage on pin 6 of IC7593

Remove the SECAM L-signal from the pattern generator, the voltage to pin 3 and the short on pin 7.

Connect a signal generator (e.g. PM5326) via a 5p6 capacitor to pin 17 of the tuner and adjust the frequency to 30.9 MHz and modulate the AM signal with 1kHz.

* Adjust L5578 to the minimum DC voltage on pin 6 of IC7593

2.5 FM sound demodulation (for TV's with TDA3845)

Connect a pattern generator and select PAL BG which has a FM carrier wave with modulated stereo sound (L-Channel 1 kHz and R-channel 3 kHz). Select system "WEST EUROPE".

* Adjust L5593 to the maximum amplitude of the L-Channel and R-channel/maximum amplitude on pin 5 of IC7110 and IC7140

3. Adjustments on the sound panel

For SECAM L/L' adjustments see point 2.4.

3.1 Mono sound panel (fig. 7.4)

3.1.1 5.5 MHz and 6.0 MHz demodulation adjustment

Connect a pattern generator (e.g. PM5518) and select PAL BG (PAL 1 for PAL 1 sets) which has a (FM) sound carrier wave modulated to a frequency of 1 kHz. Tune the TV and select system "WEST EUROPE" (system "ENGLAND" for PAL 1).

* Adjust L5101 to the maximum amplitude of the sound/maximum amplitude on pin 5 of IC7100

3.1.2 6.5 MHz demodulation adjustment (for SECAM DK TV's)

Connect a pattern generator (e.g. PM5518) and select SECAM DK which has a (FM) sound carrier wave modulated to a frequency of 1 kHz. Tune the TV.

* Adjust L5102 to the maximum amplitude of the sound/maximum amplitude on pin 5 of IC7100

3.2 Stereo sound panel (Fig 7.5)

3.2.1 5.5 MHz and 5.742 MHz demodulation adjustment

Connect a pattern generator and select PAL BG which has a (FM) sound carrier wave with modulated stereo sound (L-Channel 1 kHz and R-channel 3 kHz). Tune the TV, select system "WEST EUROPE" and set "sound select" to "STEREO".

* Adjust L5107 to maximum sound L-Channel (1kHz)/maximum amplitude on pin 5 of IC7110

* Adjust L5143 to maximum sound R-Channel (3kHz)/maximum amplitude on pin 5 of IC7140

3.2.2 Dematrix adjustment

Connect a pattern generator (e.g. PM5518) and select PAL BG which has a (FM) sound carrier wave modulated at 3kHz for the R-channel and not modulated for the L-channel.

* Adjust R3183 to a minimum 3 kHz amplitude on pin 15 of IC7185

3.2.3 6.5 MHz demodulation adjustment (for SECAM DK TV's)

Connect a pattern generator (e.g. PM5518) and select SECAM DK which has the (FM) sound carrier wave modulated at a frequency of 1 kHz. Tune the set and select system "EAST EUROPE".

* Adjust L5107 to maximum sound amplitude/maximum amplitude on pin 5 of IC7110

4. Adjustments on the picture tube panel (Fig. 7.6)

4.1 Cut-off points of picture tube

Apply a black pattern generator signal. Adjust contrast at minimum.
 Adjust brightness until the DC voltage across potentiometer 3213 is 0V.
 Adjust 3207, 3220 and 3234 for a black level of 125V on the collectors of transistors 7205, 7218 and 7227.
 Adjust Vg2 potentiometer until the gun that first emits light is just no longer visible (see Fig. 7.2).
 Adjust the two other guns with the respective controls (3207, 3220 or 3234) until just no light will be visible.

4.2 Grey scale

Apply a test pattern signal and adjust the set for normal operation. Allow the set to warm up for about 10 minutes. Adjust 3213 and 3214 until the desired grey scale has been obtained.

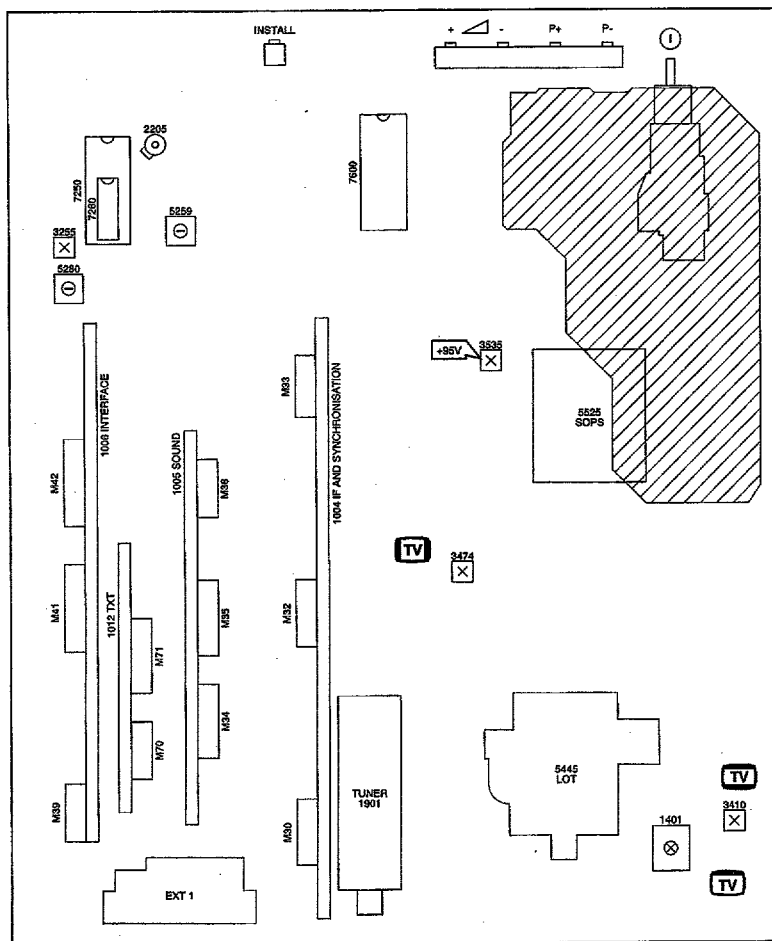


Fig. 7.1

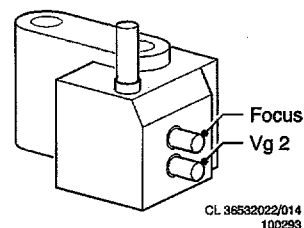


Fig. 7.2

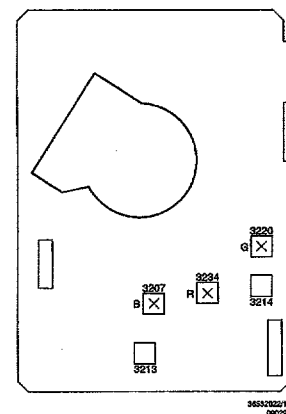
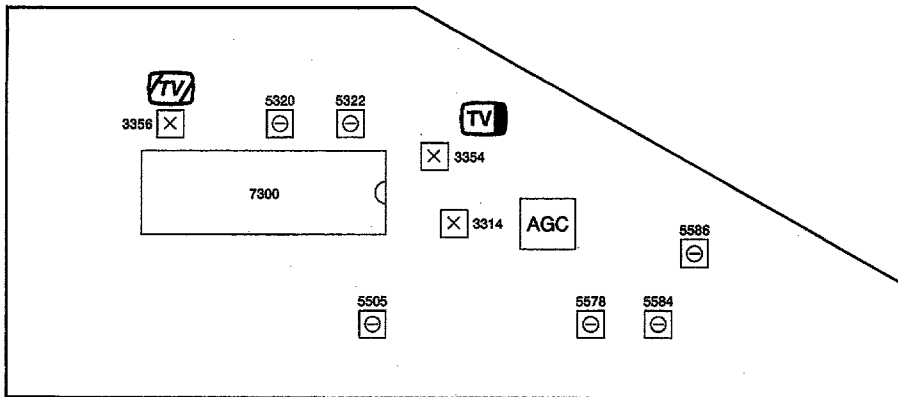


Fig. 7.6

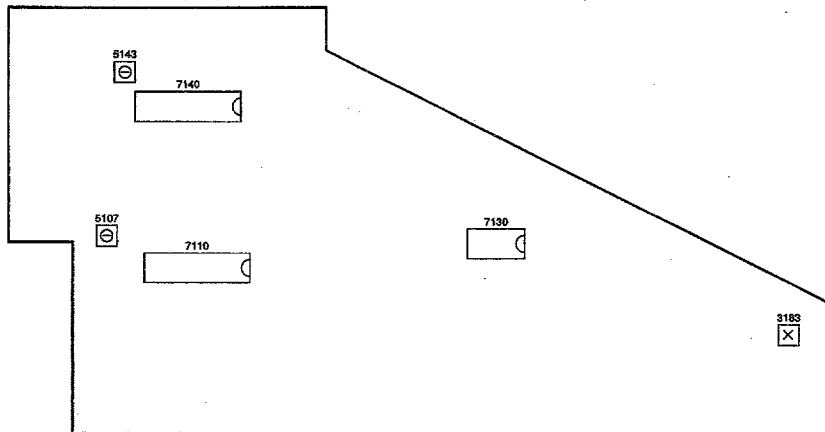
I004 IF and SYNCHRONISATION MODULE



CL 28532022/049
306392

Fig. 7.3

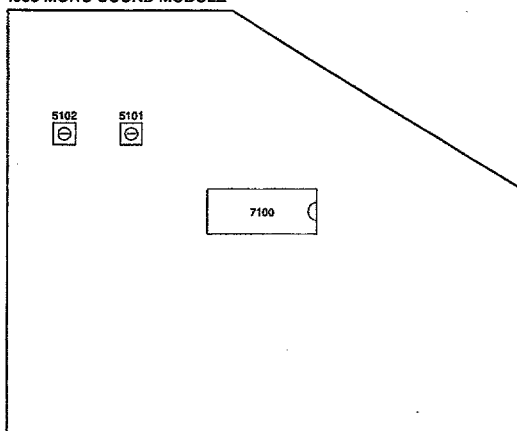
I005 STEREO SOUND MODULE



CL 28532022/050
306392

Fig. 7.5

I005 MONO SOUND MODULE



CL 28532022/051
306392

Fig. 7.4

List of error messages

An error condition is identified with a number. Any error condition occurring is signalled via the OSD and via the flashing of the alarm LED.

ERROR CODE	LED INDICATION (ON/OFF IN ms)	ERROR DESCRIPTION	POSSIBLE DEFECTIVE COMPONENT
0	-	No error	-
1	100/100	RAM error in microprocessor	IC7600
2	100/200	I ² C bus error	Check for possible short circuits
3	100/300	EEPROM error	IC7685
4	100/400	Teletext error	IC7702 on teletext panel
5	100/500	PIP error	IC7408 on PIP panel
6	100/600	I/O expander 1	IC7804 on interface panel
7	100/700	reserved	-
8	100/800	Read/Write error EEPROM	IC7685

Directions for use

1. Service-Default-Mode

The Anubis B is equipped with a service default mode. The service default mode is a fixed defined mode in which the unit can be placed.

1.1 Mode definition

The definition of the fixed mode in the service default mode is as follows:

- all sound and picture adjusters are set in the middle position (except volume which is set to low)
- all sets are tuned to programme 0

1.2 Switching on and off

The service default mode is switched on by briefly short-circuiting the pins M61 and M62 (SERVICE) on the carrier panel should be momentarily short circuited during the switching on of the set with the aid of the mains power supply. In order to indicate that the unit is in the service default mode, an "S" appears on the screen.

The service default mode can only be switched off by switching the unit to standby. If the unit is switched off and then on again using the mains switch or mains plug, the service default mode remains switched on.


1.3 Operation and extra facilities

In addition to the fact that the unit can be operated normally, in the service default mode two extra functions are available:

- Autostore

When operating the install key on the local control panel, the unit is tuned to the next transmitter frequency. This frequency is also stored under the selected programme number. Therefore the installation menu cannot be accessed in the service default mode!

- Service menu

The service menu is activated by simultaneously pressing the  + and P- buttons on the local control panel.

The service menu offers the possibility of setting various options. The options selected are immediately stored in the EEPROM.

The various components in the service menu are selected using the coloured keys on the remote control. The various components themselves are adjusted using the + and - keys on the remote control. The values and options set are immediately stored in the EEPROM.

- Hotel mode

The Anubis B is equipped with an "Hotel mode" option. Activation of the Hotel mode:

Place the set in the service menu and select the option "HOTEL". Set this to "ON" and exit the service mode. Install the required broadcasting channels and set the volume at the maximum required level. Now select program number 38 and simultaneously press the "INSTALL" and P+ buttons on the local control panel. The Hotel mode is now activated and it is no longer possible to adjust the volume above the preset level or to search for broadcasting channels.

To deactivate the Hotel mode enter the service menu and set the "HOTEL" option to "OFF".

Note:

If a multisystem unit in the service default mode is to be used with the PAL/SECAM BG system, the "MULTI SYSTEM" option can be temporarily switched off.

Survey of menus

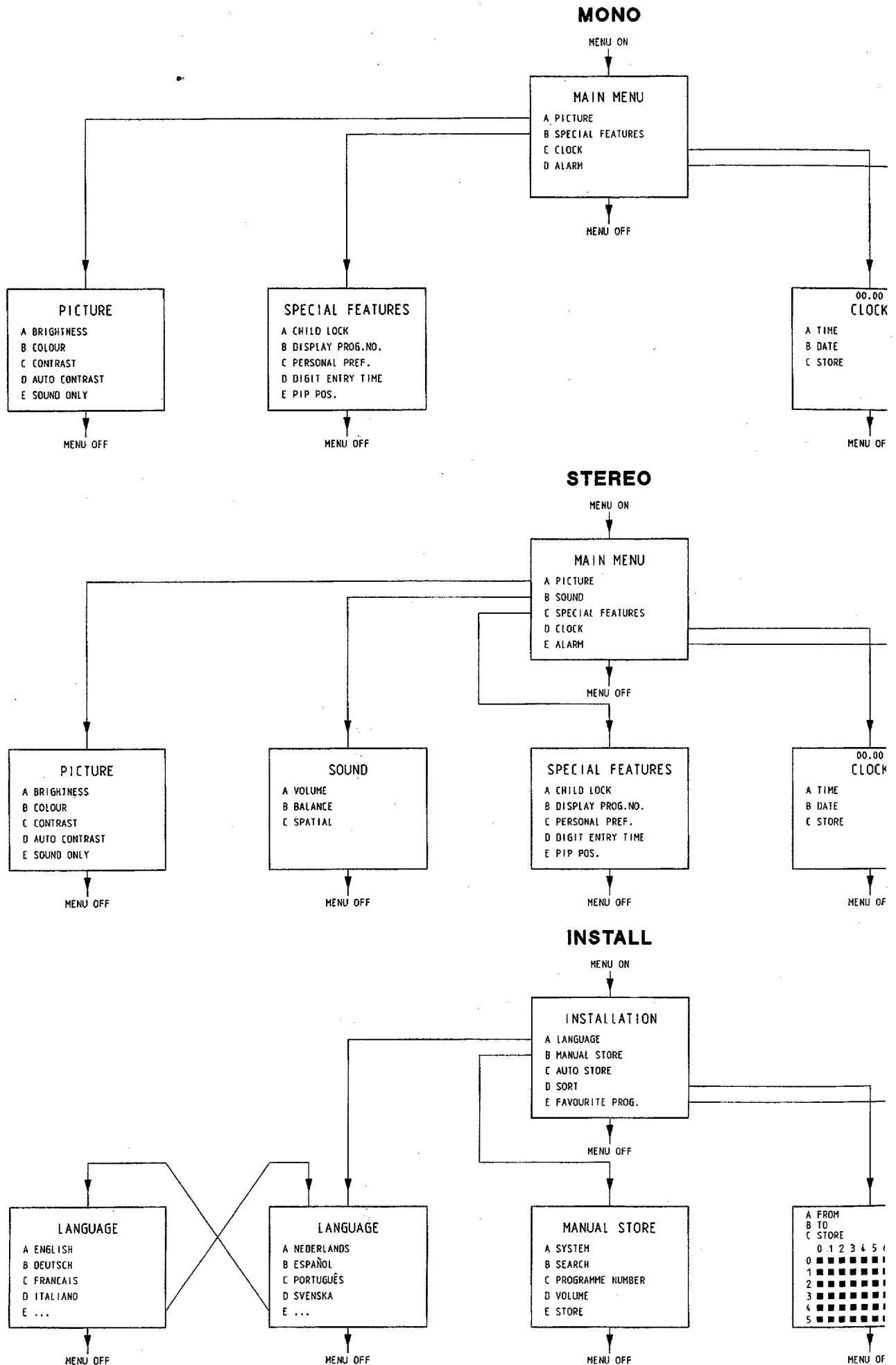
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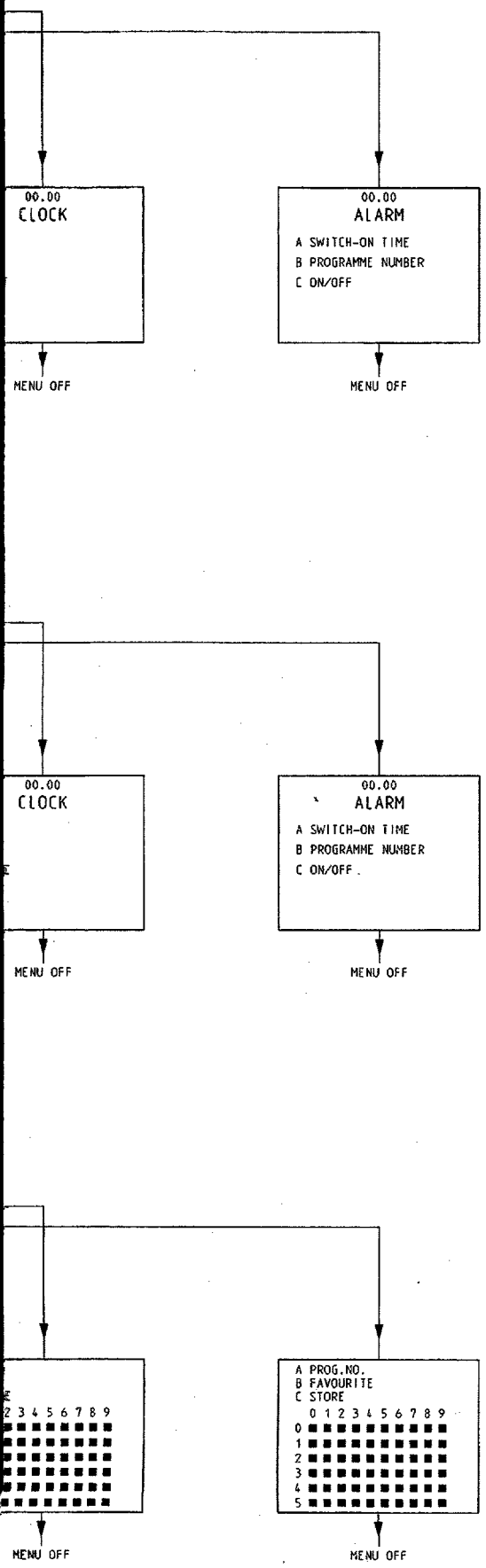
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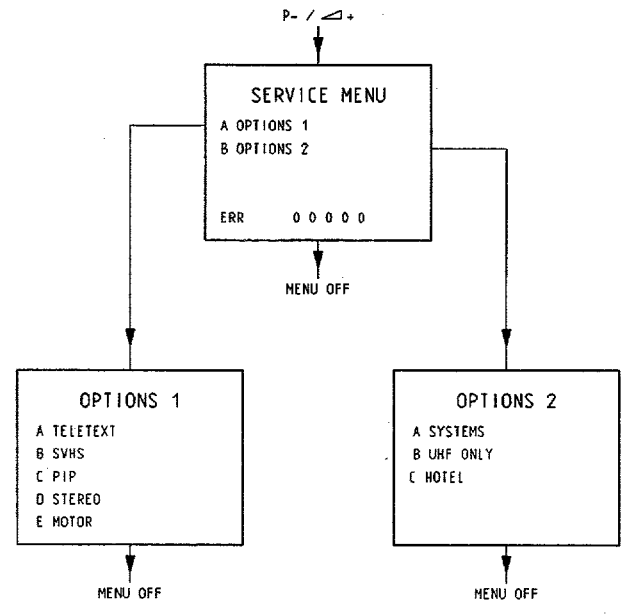
preset
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service
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"MULTI
off.





SERVICE DEFAULT MODE



Sound module Stereo

Jumper

4105 4822 051 10008 0Ω 5% 0,25W
 4107 4822 051 10008 0Ω 5% 0,25W
 4108 4822 051 10008 0Ω 5% 0,25W
 4109 4822 051 10008 0Ω 5% 0,25W
 4120 4822 051 10008 0Ω 5% 0,25W

5100 4822 157 60123 6,8μH
 5107 4822 156 11148 1,09μH
 5140 4822 157 60123 6,8μH
 5143 4822 156 11148 1,09μH
 5165 4822 157 50975 1 mH

6107 4822 130 80446 LL4148
 6122 4822 130 80883 LLZ-C4V7
 6188 4822 130 80446 LL4148

7110 4822 209 30278 TDA3827/V3
 7111 4822 130 61207 BC848
 7112 4822 130 61207 BC848
 7115 4822 130 61207 BC848
 7121 4822 130 61207 BC848

7125 4822 130 61207 BC848
 7129 4822 130 61207 BC848
 7130 4822 209 60956 TDA7052/N1
 7140 4822 209 30278 TDA3827/V3
 7160 4822 209 60956 TDA7052/N1

7165 4822 130 61207 BC848
 7170 5322 130 42012 BC858
 7173 4822 130 61207 BC848
 7174 4822 130 61207 BC848
 7175 4822 130 61207 BC848

7181 4822 130 61207 BC848
 7182 4822 209 71285 LM358N
 7183 4822 130 61207 BC848
 7184 4822 130 61207 BC848
 7185 4822 209 10263 4052B

7186 4822 130 61207 BC848
 7187 4822 130 61207 BC848
 7190 4822 209 71285 LM358N

Teletext module

4822 265 40469 BTB AU 6P
 4822 265 40471 BTB AU 8P

Various

1701 4822 242 81246 27MHz 20P
 HC49/UT
 1702 4822 242 71508 CSA6,00MHz
 1710 4822 071 52501 Fuse 250mA

2701 4822 122 31971 10pF 2% 63V
 2701 4822 122 32482 22pF 2% 63V
 2702 4822 122 31746 1000pF 2% 63V
 2702 4822 122 32504 15pF 2% 63V
 2703 4822 122 31746 1000pF 2% 63V

2703 4822 122 31772 47pF 2% 63V
 2704 4822 122 33496 100nF 10% 63V
 2705 4822 122 33496 100nF 10% 63V
 2706 4822 122 33496 100nF 10% 63V
 2707 4822 122 33496 100nF 10% 63V

2709 4822 126 10324 33pF 2% 63V
 2710 4822 126 10324 33pF 2% 63V
 2712 4822 122 33496 100nF 10% 63V
 2713 4822 122 33496 100nF 10% 63V
 2714 4822 122 33496 100nF 10% 63V

2715 4822 122 33496 100nF 10% 63V
 2716 4822 122 33496 100nF 10% 63V
 2732 4822 122 33496 100nF 10% 63V
 2734 4822 124 40435 10μF 20% 50V
 2736 4822 122 31766 120pF 2% 63V

2750 4822 124 40177 47μF 20% 10V
 2752 4822 124 40177 47μF 20% 10V
 2770 4822 124 41584 100μF 20% 10V

3700 4822 116 52219 330Ω 5% 0,5W
 3701 4822 116 52219 330Ω 5% 0,5W
 3702 4822 051 10332 3k3 2% 0,25W
 3704 4822 051 10152 1k5 2% 0,25W
 3705 4822 051 10273 27k 2% 0,25W
 3706 4822 116 52213 180Ω 5% 0,5W
 3707 4822 050 11002 1k 1% 0,4W
 3709 4822 051 10333 33k 2% 0,25W
 3710 4822 051 10103 10k 2% 0,25W
 3711 4822 051 10101 100Ω 2% 0,25W

3713 4822 051 10223 22k 2% 0,25W
 3714 4822 051 10103 10k 2% 0,25W
 3716 4822 051 51201 120Ω 1% 0,125W
 3718 4822 116 52208 130Ω 5% 0,5W
 3722 4822 051 10122 1k2 2% 0,25W

3723 4822 051 10102 1k 2% 0,25W
 3724 4822 051 10272 2k7 2% 0,25W
 3724 4822 051 10332 3k3 2% 0,25W
 3725 4822 051 10279 27Ω 2% 0,25W
 3726 4822 051 10279 27Ω 2% 0,25W

3728 4822 051 10822 8k2 2% 0,25W
 3729 4822 051 10331 330Ω 2% 0,25W
 3730 4822 051 10471 470Ω 2% 0,25W
 3731 4822 051 10331 330Ω 2% 0,25W
 3732 4822 051 10102 1k 2% 0,25W

3733 4822 051 10102 1k 2% 0,25W
 3734 4822 051 10681 680Ω 2% 0,25W
 3735 4822 051 10561 560Ω 2% 0,25W
 3736 4822 051 10473 47k 2% 0,25W
 3737 4822 050 11002 1k 1% 0,4W

3738 4822 116 52284 47k 5% 0,5W
 3740 4822 051 10102 1k 2% 0,25W
 3741 4822 051 10102 1k 2% 0,25W
 3742 4822 051 10102 1k 2% 0,25W
 3750 4822 051 51201 120Ω 1% 0,125W

3751 4822 051 51201 120Ω 1% 0,125W

3752 4822 051 10101 100Ω 2% 0,25W
 3756 4822 051 10103 10k 2% 0,25W
 3757 4822 051 10101 100Ω 2% 0,25W
 3760 4822 116 52256 2k 2 5% 0,5W
 3761 4822 116 52256 2k 2 5% 0,5W

3765 4822 116 52202 82Ω 5% 0,5W
 3766 4822 116 52202 82Ω 5% 0,5W
 3767 4822 116 52202 82Ω 5% 0,5W
 3768 4822 051 10101 100Ω 2% 0,25W
 3769 4822 051 10331 330Ω 2% 0,25W

3770 4822 051 10101 100Ω 2% 0,25W

Jumper

4700 4822 051 10008 0Ω 5% 0,25W
 4703 4822 051 10008 0Ω 5% 0,25W
 4704 4822 051 10008 0Ω 5% 0,25W
 4720 4822 051 10008 0Ω 5% 0,25W

5701 4822 157 53319 1μH
 5701 4822 157 70386 4,7μH
 5704 4822 157 60123 6,8μH
 5734 4822 157 53001 27μH
 5746 4822 157 60123 6,8μH

5747 4822 157 60123 6,8μH
 5770 4822 157 60123 6,8μH

6704 4822 130 82886 LLZ-F3V0
 6705 4822 130 80446 LL4148
 6710 4822 130 81139 LLZ-C3V3
 6750 4822 130 81227 LLZ-F5V6
 6751 4822 130 81227 LLZ-F5V6

7700 4822 209 31215 SAA5246AP/H
 7700 4822 209 32122 SAA5246AP/E/S
 7701 4822 209 72681 MSM5165AL-12RS
 7702 4822 209 30281 PCF84C81A/097
 7702 4822 209 31069 PCF84C81AP/098

7702 4822 209 32194 PCF84C81AP/135
 7710 4822 130 41982 BC848B
 7711 4822 130 41982 BC848B
 7713 4822 130 60159 BC848B
 7715 4822 130 41982 BC848B

7731 4822 130 42012 BC858
 7732 4822 130 41982 BC848B
 7750 4822 130 40855 BC337
 7751 4822 130 40855 BC337
 7754 4822 130 41982 BC848B

7755 4822 130 41982 BC848B
 7765 4822 130 41982 BC848B
 7766 4822 130 41982 BC848B
 7767 4822 130 41982 BC848B