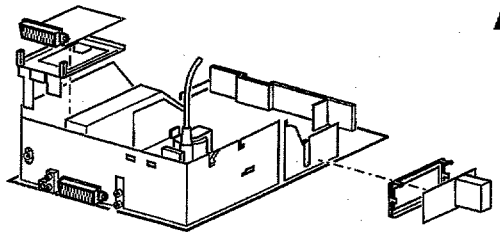
Colour television — Chassis

Service
Service
Service

GR 2.3
AA



CL26532134/013
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Service Manual

Contents

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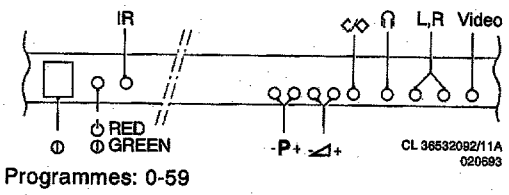
1. Technical specification

Mains voltag	: 220 - 240 V (± 10%)
Mains frequency	: 50 Hz (± 10%)
Aerial input impedance	: 75Ω - coax
Minimum aerial voltage	: 40µV
Maximum aerial voltage	: 32mV
Pull-in range colour synchronization	: ± 300Hz
Pull-in range horizontal synchronization	: ± 300Hz

Local operation functions:



Programmes: 0-59
VCR operation on programmes: 0-59

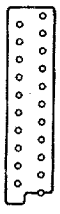
Indications:

- On Screen Display (OSD)
- LED:
  - standby (red)
  - operation (green)
  - RC5 reception (flashing yellow)
  - internal fault in µP (flashing)

2. Connection facilities

1. Specification of the terminal sockets

EXT1



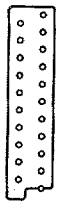
1	-Audio	R (0,5V_{RMS} ≤ 1kΩ)
2	-Audio	R (0,2 - 2V_{RMS}; 0,5 V_{nom}; ≥ 10kΩ)
3	-Audio	L (0,5V_{RMS} ≤ 1kΩ)
4	-Audio	⊥
5	-Blue	⊥
6	-Audio	L (0,2 - 2V_{RMS}; 0,5 V_{nom}; ≥ 10kΩ)
7	-Blue	(0,7V_{pp}/75Ω)
8	-16/9 switch (0V-2V: 4/3; 9,5-12V: 16/9)	
9	-Green	⊥
10	--	
11	-Green	(0,7V_{pp}; 75Ω)
12	--	
13	-Red	⊥
14	--	
15	-Red	(0,7V_{pp}; 75Ω)
16	-RGB-Status	(0-0,4V: int. 1-3V ext. 75Ω)
17	-CVBS	⊥
18	-CVBS	⊥
19	-CVBS	(1V_{pp}/75Ω)
20	-CVBS	(1V_{pp}/75Ω)
21	-Earth screen	

Front side
EXT2

1 -	⊥	
2 -	⊥	
3 - Y		(1V_{pp}; 75Ω)
4 - C		(1V_{pp}; 75Ω)

2x ◎ CINCH Audio → L+R (0,2V_{RMS}; 0,5 V_{nom} ≥ 10kΩ)
1x ◎ CVBS → (1V_{pp}/75Ω)

EXT3



1	-Audio	R (0,5V_{RMS}; ≤ 1kΩ)
2	-Audio	R (0,2 - 2V_{RMS}; 0,5 V_{nom}; ≥ 10kΩ)
3	-Audio	L (0,5V_{RMS}; ≤ 1kΩ)
4	-Audio	⊥
5	-	
6	-Audio	L (0,2 - 2V_{RMS}; 0,5 V_{nom}; ≥ 10kΩ)
7	--	
8-	CVBS status 3	(0-2V: int.; 9,5-12V: ext.)
9	--	
10	--	
11	--	
12	--	
13	--	
14	--	
15	-C	(0,3V_{pp}; 75Ω)
16	--	
17	-CVBS	⊥
18	-CVBS	⊥
19	-CVBS	(1V_{pp}/75Ω)
20	-Y	(1V_{pp}/75Ω)
21	-Earth screen	

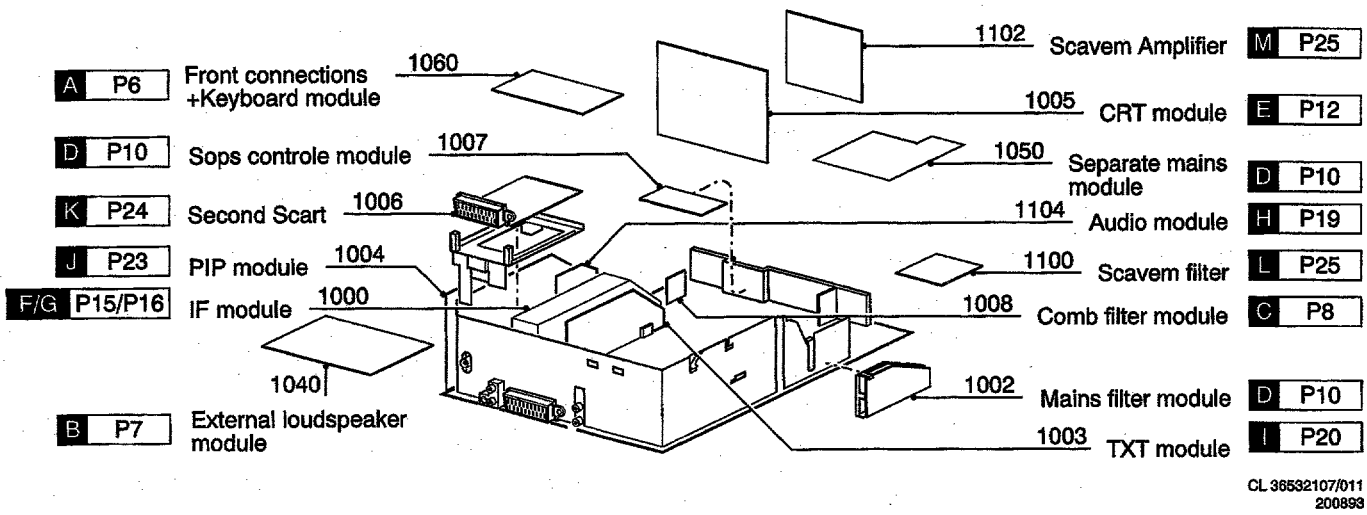
Rear side
Audio out

2x ◎ CINCH Audio → L+R (0,5V_{RMS}; ≥ 1kΩ)

Front side

≥ 8Ω

PWB location drawing



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3. Warnings and Notes

Warnings

1. Safety regulations require that the unit should be returned in its original condition and that components identical to the original components are used. The safety components are indicated by the symbol ⚠.

2. In order to prevent damage to ICs and transistors, all high-voltage flashovers must be avoided. In order to prevent damage to the picture tube, it should be discharged using the method shown in Fig. 3.1. Use a high-voltage probe and a multimeter (position DC-V). Discharge until the meter reading is OV (after approx. 30s).

3. **ESD**

   All ICs and many other semiconductors are sensitive to electrostatic discharges (ESD). Careless handling during repair can drastically shorten their life. Make sure that during repair you are connected by a pulse band with resistance to the same potential as the earth of the unit. Keep components and tools also at this same potential.

4. When repairing a unit, always connect it to the mains voltage via an isolating transformer.

5. Be careful when taking measurements in the high-voltage section and on the picture tube.

6. Never replace modules or other components while the unit is switched on.

7. It is recommended that safety goggles are worn when replacing the picture tube.

8. When making settings, use plastic rather than metal tools.
   This will prevent any short circuits and the danger of a circuit becoming unstable.

9. After repair the wiring should be fastened once more in the cable clamps for this purpose.

10. In order to prevent measuring errors, the heat sinks should not be used as reference points for measurements.
    The heat sink for the sound output amplifier (next to the channel selector) is connected to the -16 or -12 volts.

11. Together with the deflection unit and any multipole unit, the flat square picture tubes used form an integrated unit. The deflection and the multipole units are set optimally at the factory. Adjustment of this unit during repair is therefore not recommended.

12. The high-voltage cable in 21" units is glued in the line output transformer. This can therefore not be replaced.

Notes

1. The picture tube PCB has printed spark gaps. Each spark gap is connected between an electrode of the picture tube and the Aquadag coating.

2. The semiconductors indicated in the circuit diagram and in the parts lists are completely interchangeable per position with the semiconductors in the unit, irrespective of the type indication on these semiconductors.

3. The connectors used for the modules (board to board) are gold-plated and should only be replaced by the same type.

4. In the case of fault finding and/or repair to the teletext module, the accessibility of the circuit and the components can be increased by using extension cards. The order numbers of these extension cards are:
   * 6 times: 4822 395 30259
   * 8 times: 4822 214 31402

5. Both multisystem and single system units are mentioned in this documentation.
   The term multisystem unit is used to refer to a unit that is suitable for the reception of PAL BGI and SECAM BGLL' systems.
   A multi-system set for Eastern-Europa is suitable for the reception of the PAL/SECAM BGDK systems. The term single system unit is used to refer to all other units (such as PAL BG, PAL/SECAM BG and PAL I units).

6. Blackline units can be recognized by the thick, protected high-voltage cable. Non-blackline units have a thin, unprotected high-voltage cable.

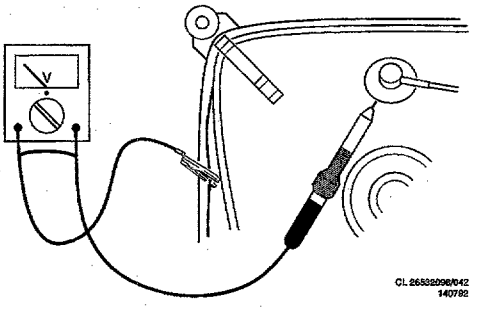


Fig. 3.1

4. Mechanical instructions

1. Removing the back plate

It is only possible to remove the back plate after removing the screws on the top, side, possibly on the underneath **and possibly under the EXT 3 connection** (see Fig. 4.1). In the case of subwoofer units, the subwoofer speaker on the carrier panel should also be unplugged. In subwoofer sets the subwoofer plug on the carrier panel must also be disconnected. In sets with an upper panel this should first be removed by unlatching the click-in construction. By applying pressure to the top of the upper panel and pulling to the rear the plastic screws in the rear panel can be given half a turn, allowing the rear panel to be removed. (Fig. 4.2).

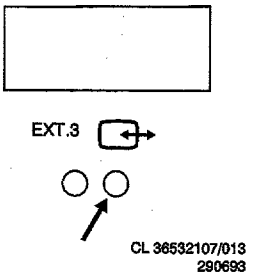


Fig. 4.1

2. Service position 1

Service position for module service and to measure test points
Unlock the chassis after the cables of the degaussing coil and any PIP module have been disconnected, and pull it backwards until all test points are accessible (see Fig. 4.2).
In order to make the tuner and the IF/sound module accessible, the bracket above these modules can be removed (see Fig. 4.3). With the exception of one fault message, the unit continues to function normally when the PIP module is not connected.

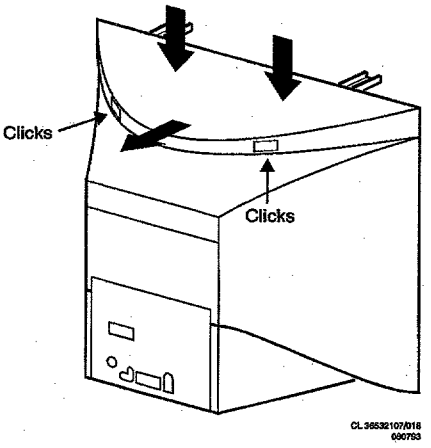


Fig. 4.2

3. Service position 2

Service position for repair
Place the chassis on the heat sink on the tuner side after service position 1 is reached (see Fig. 4.4).

Warning:
Make sure that the heat sink of the sound output amplifier does not form a short circuit with the raster/line heat sink if the bracket of the euromodule has been removed !

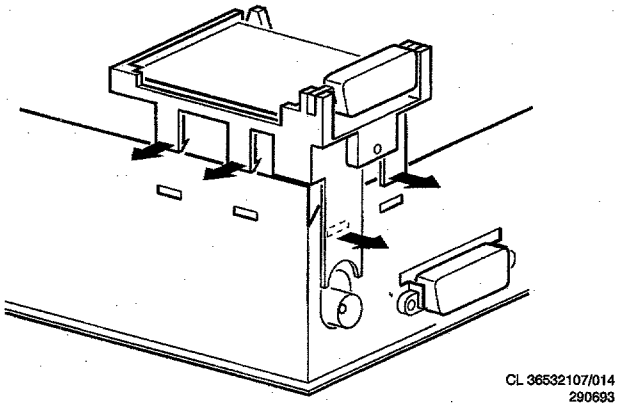


Fig. 4.3

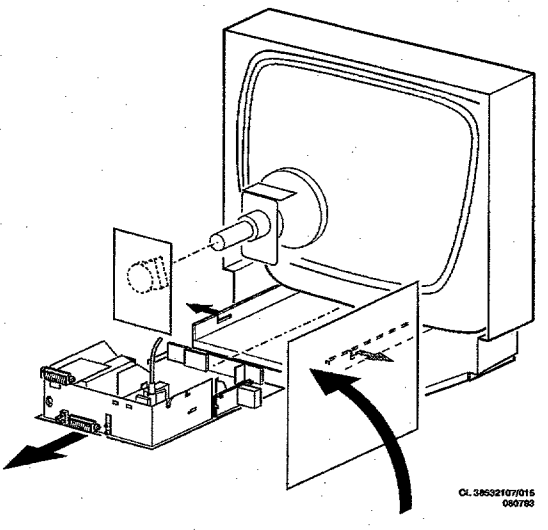
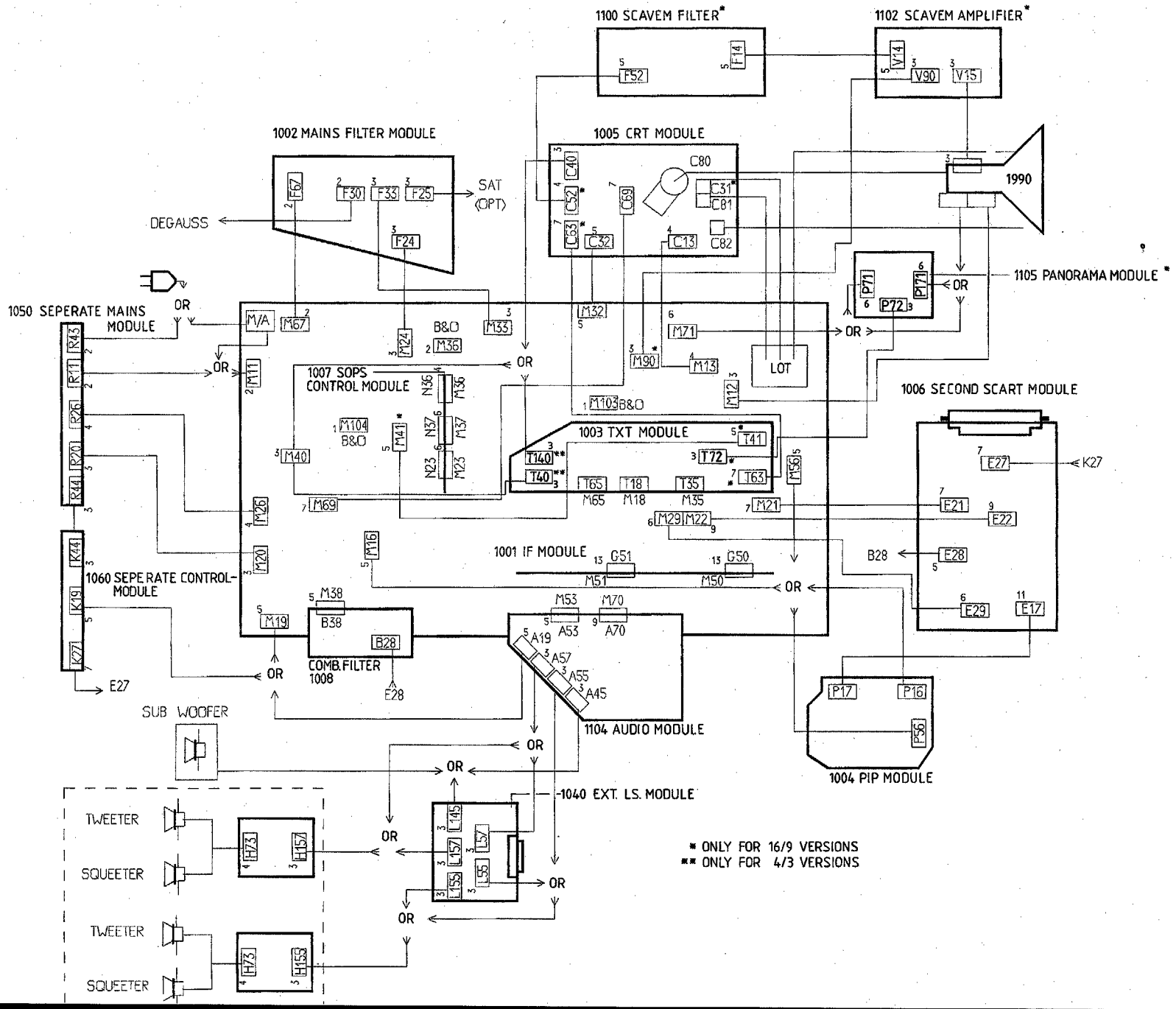


Fig. 4.4

Wiring diagram/Verdrahtungsschema/Schéma de câblage

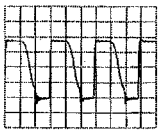


Oscillograms/Oszillogramme/Oscillogrammes

TP1 = DC 15V9

TP2 = DC -15V9

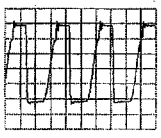
TP3



20V/div AC
5µs div

TP4 = DC 9V7

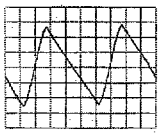
TP5



5V/div AC
5µs div

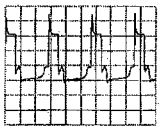
TP6 = DC 4V8

TP7



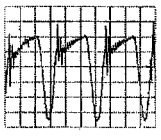
2V/div AC
2ms div

TP8



2V/div AC
5µs div

TP9



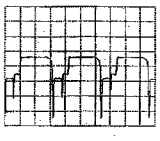
0.2V/div AC
5µs div

TP10 = DC 2V4

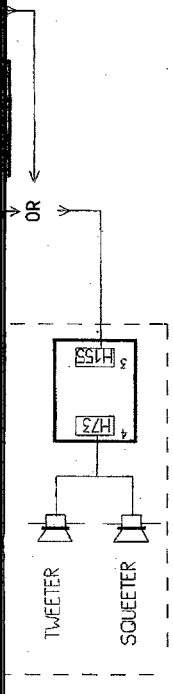
TP11 = DC 0V

TP12 = DC 2V7

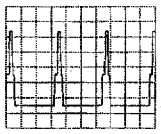
TP14



2V/div AC
20µs div



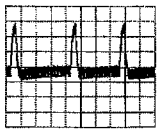
TP16



2V/div AC
20µs div

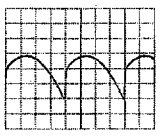
TP17 = DC 0V

TP18



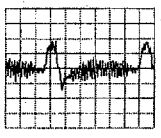
2V/div AC
5ms div

TP19



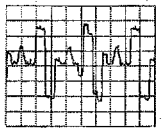
1V/div AC
5ms div

TP20



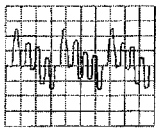
50mV/div AC
10µs div

TP21



0.1V/div AC
20µs div

TP22

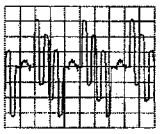


0.2V/div AC
20µs div

TP23

0.2V/div AC
20µs div

TP24

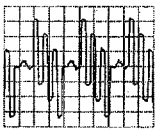


0.2V/div AC
20µs div

TP25

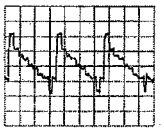
0.2V/div AC
20µs div

TP26



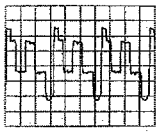
0.2V/div AC
20µs div

TP27



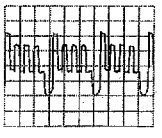
0.1V/div AC
20µs div

TP28



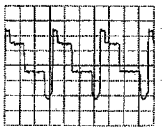
0.5V/div AC
20µs div

TP29



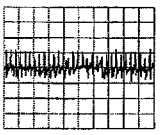
0.5V/div AC
20µs div

TP30



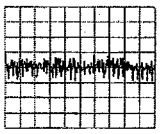
0.5V/div AC
20µs div

TP31



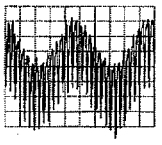
20mV/div AC
0.2ms div

TP34



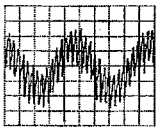
20mV/div AC
0.2ms div

TP35



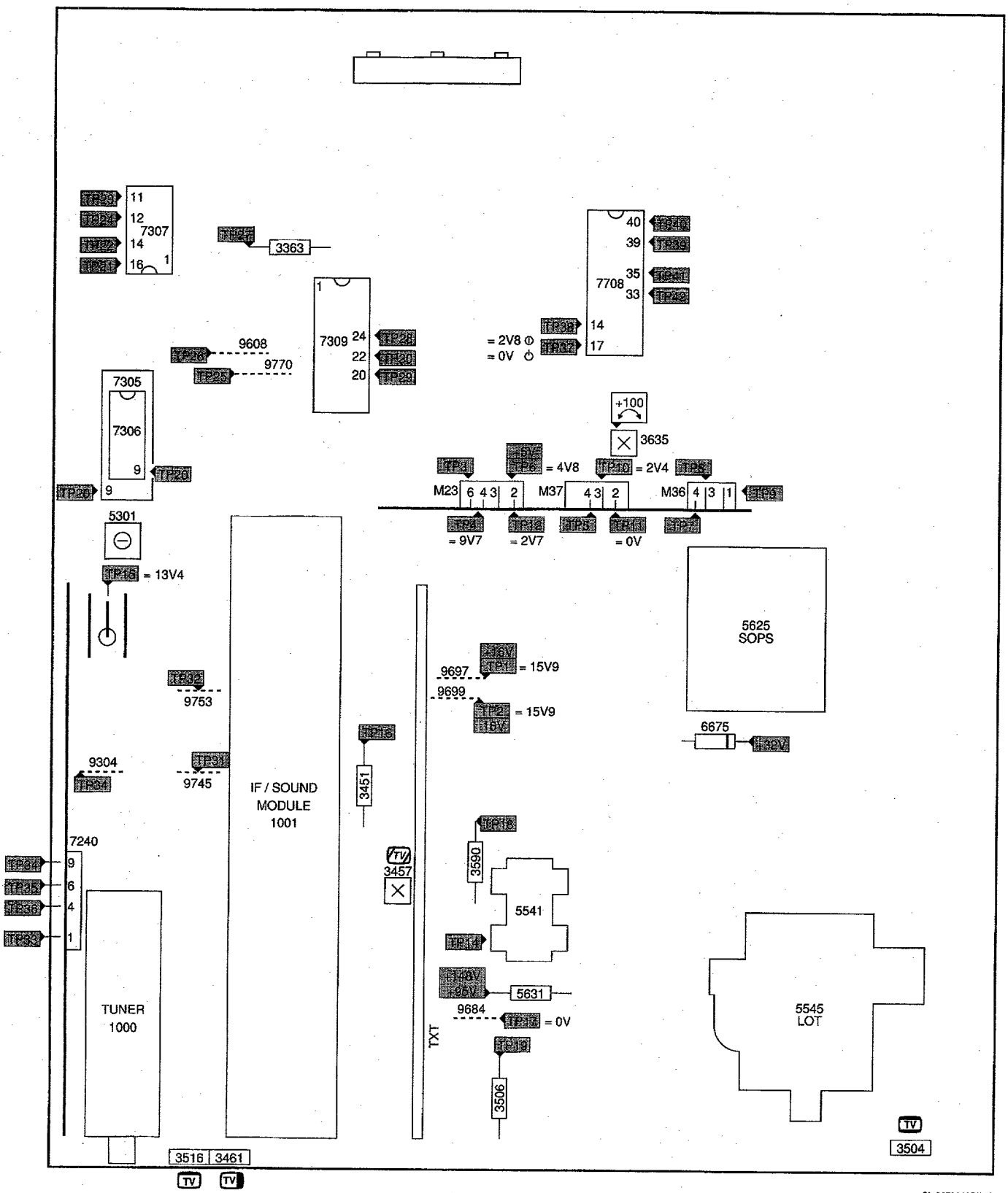
20mV/div AC
0.2ms div

TP36



2mV/div AC
0.2ms div

Test point overview/Übersicht Teststellen/Tableau des points à tester



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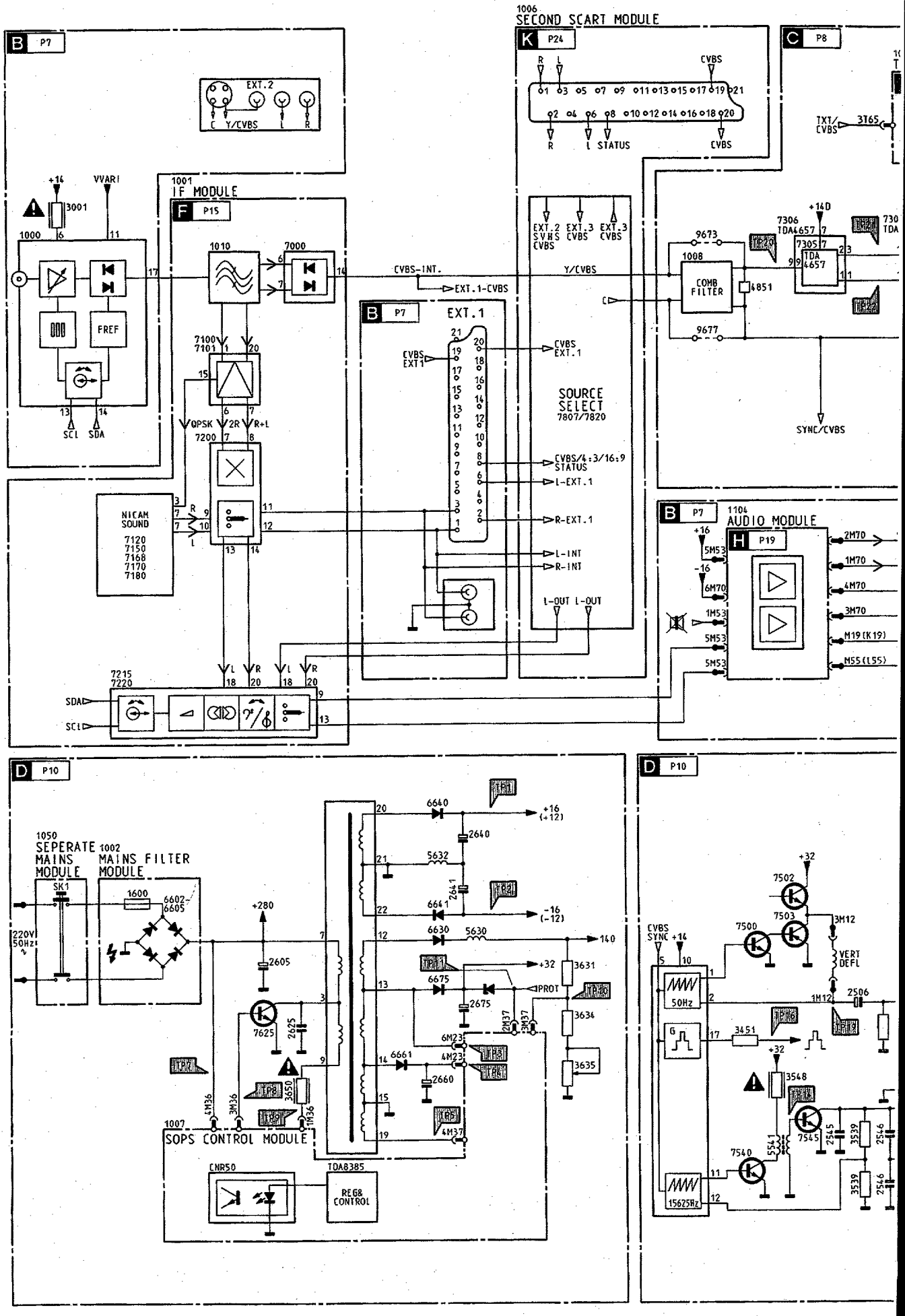
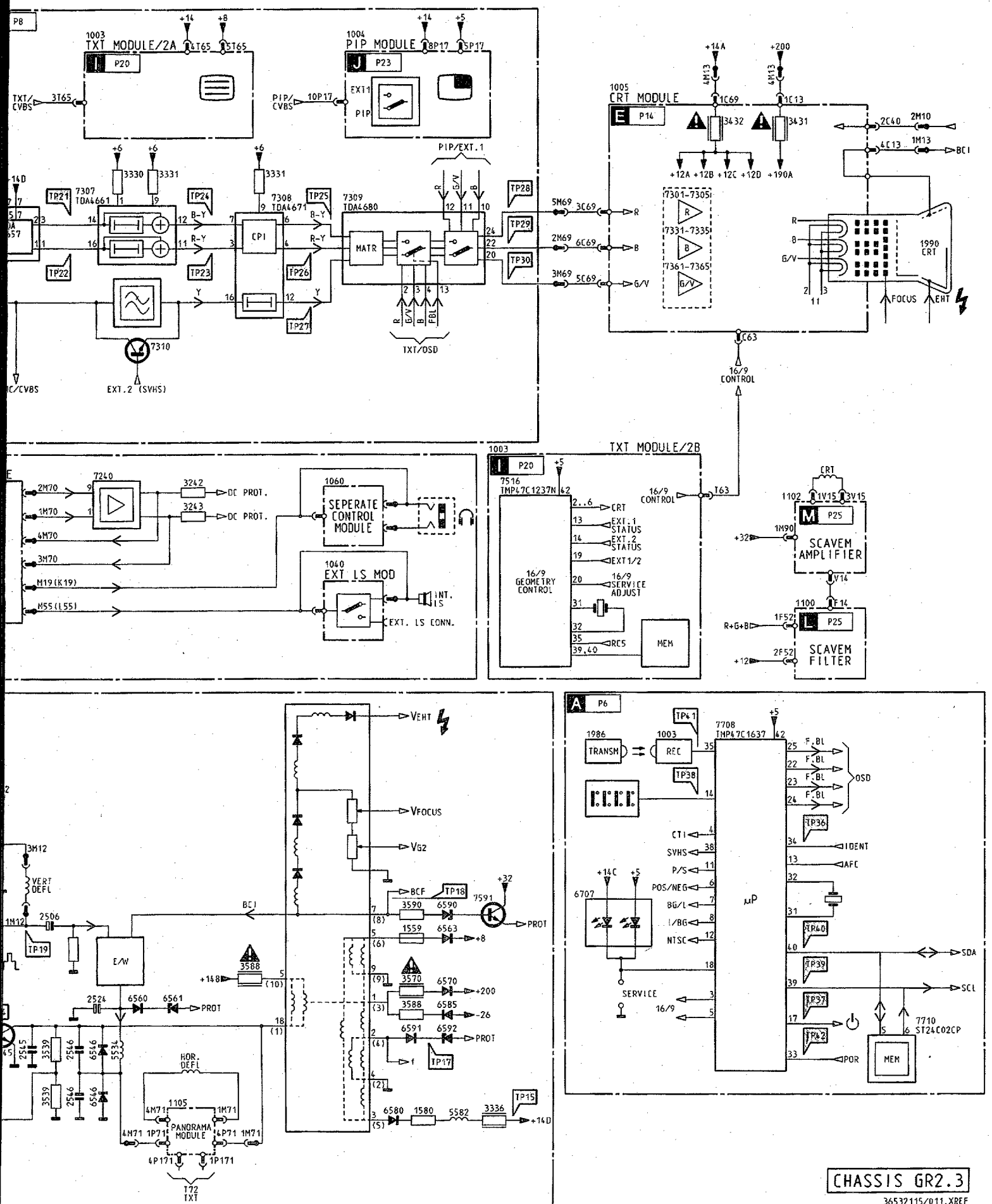
Block diagram/Blockschaltbild/Schéma-bloc





CHASSIS GR2.3

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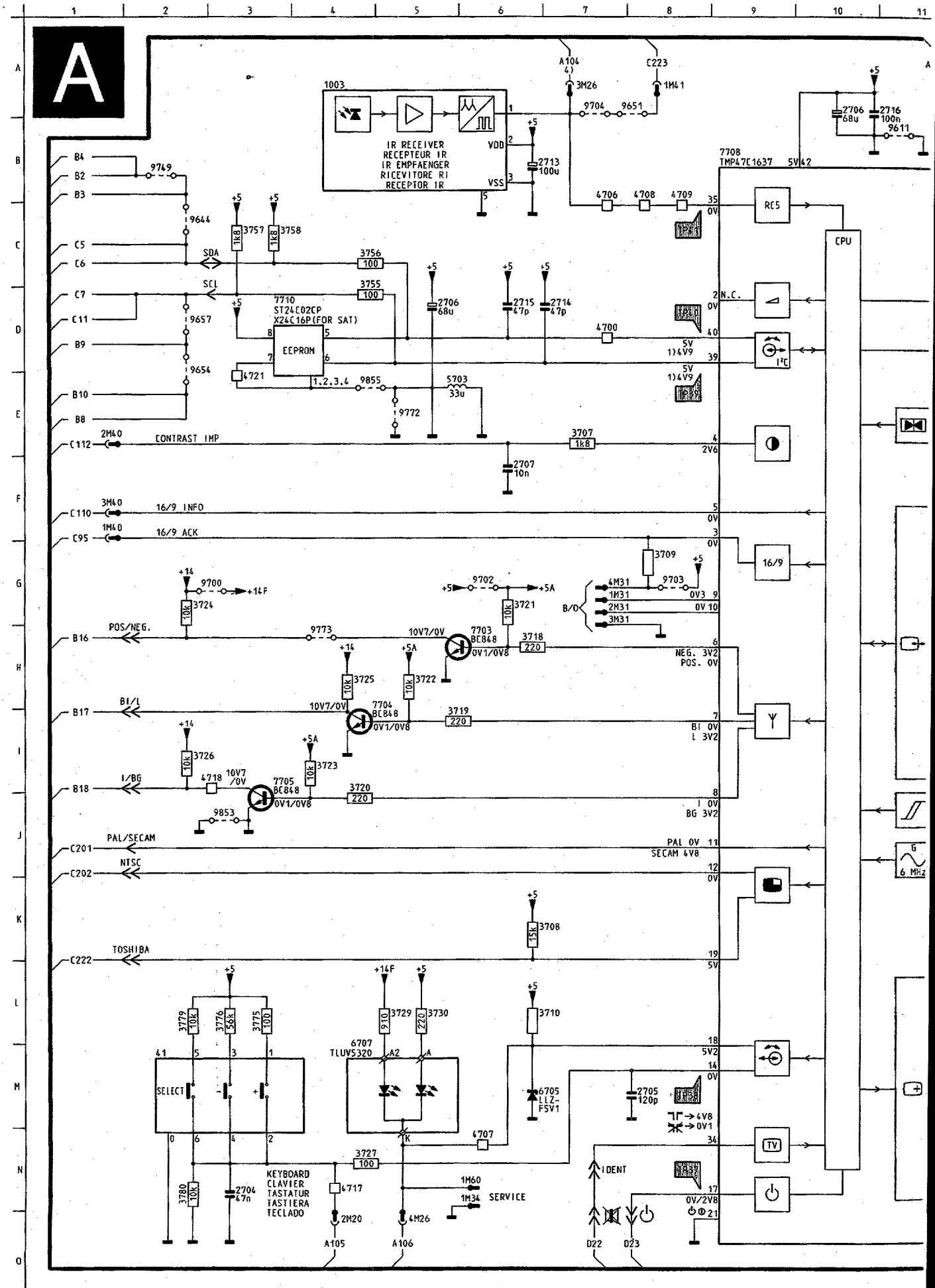
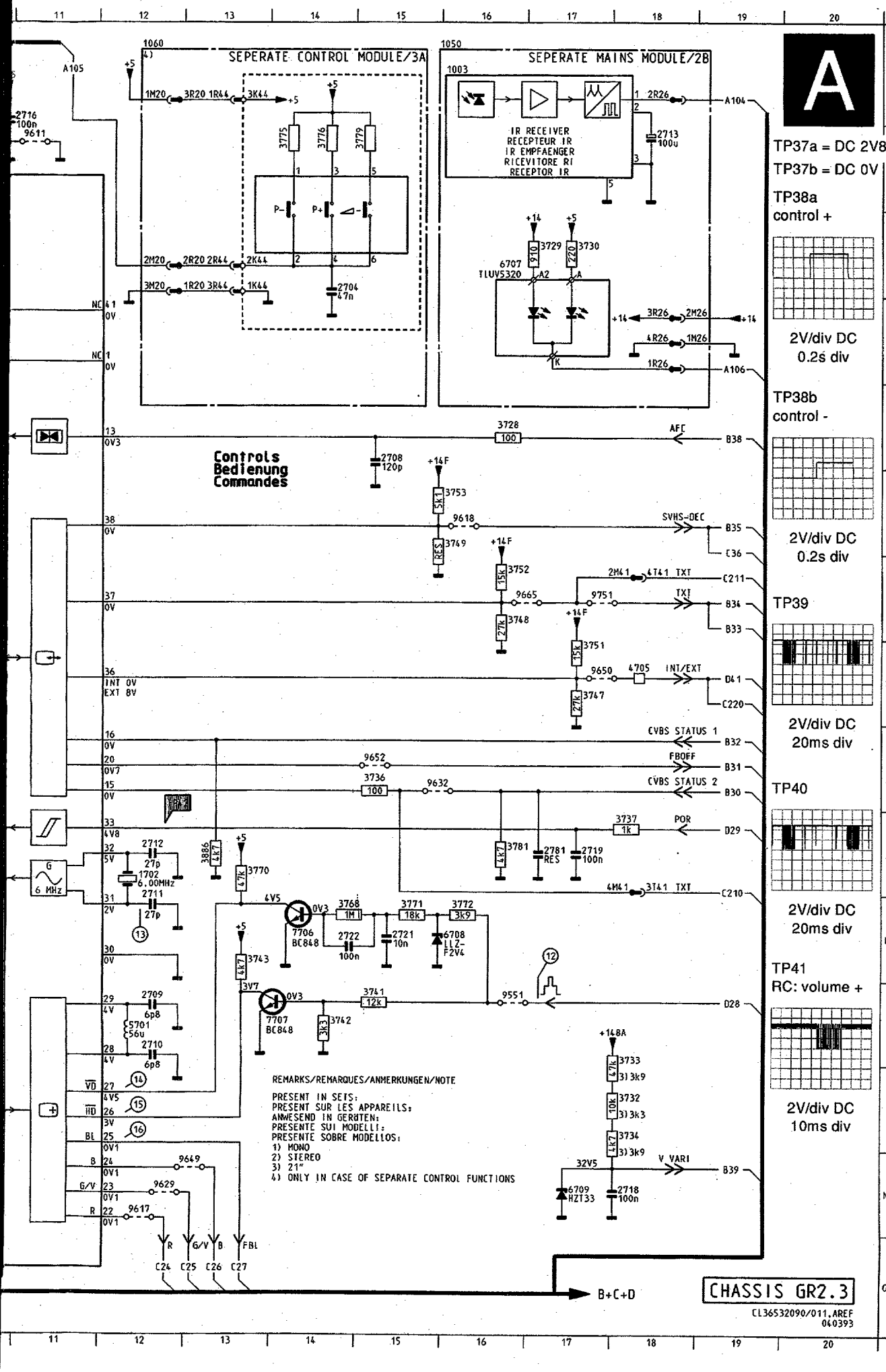
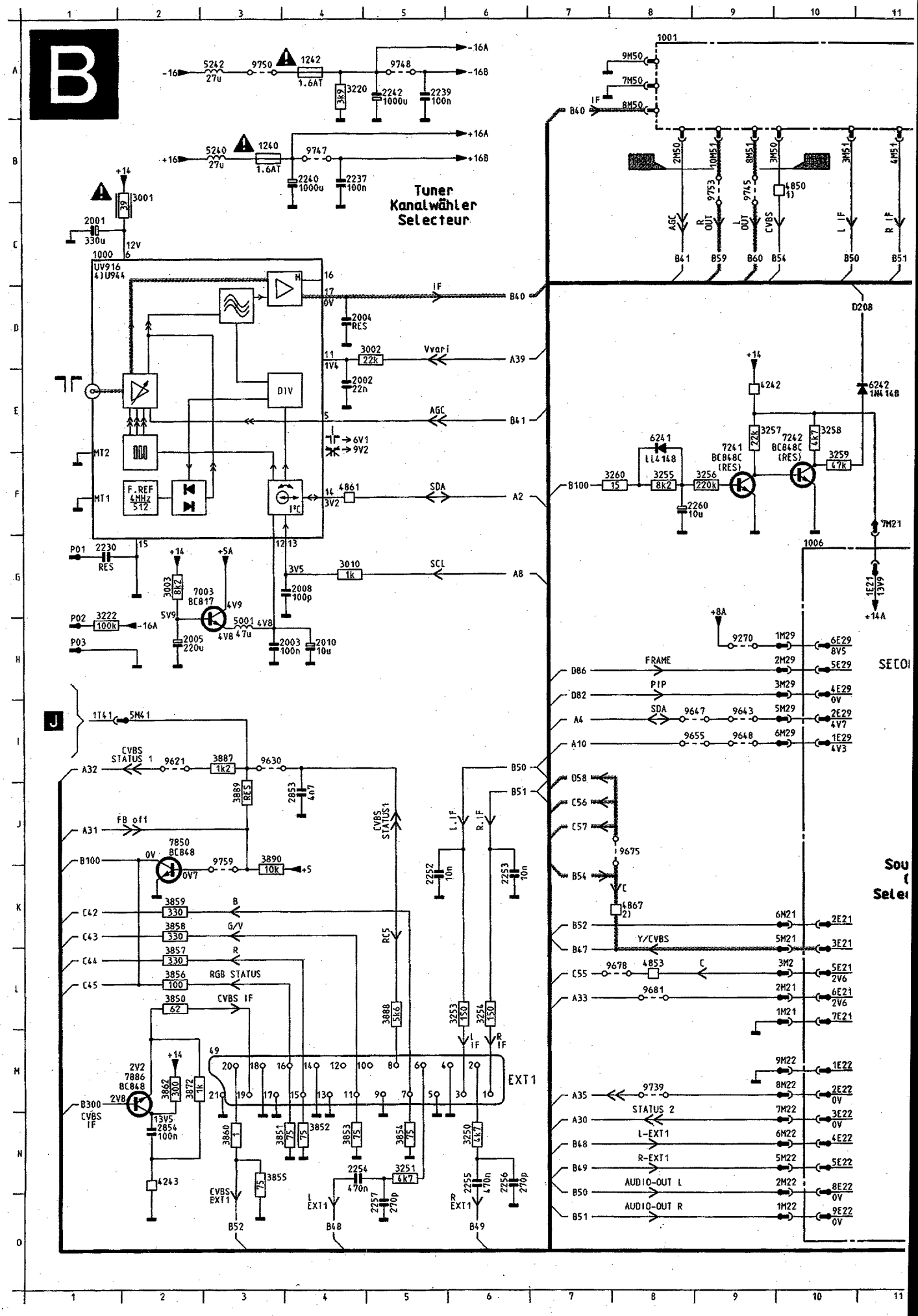
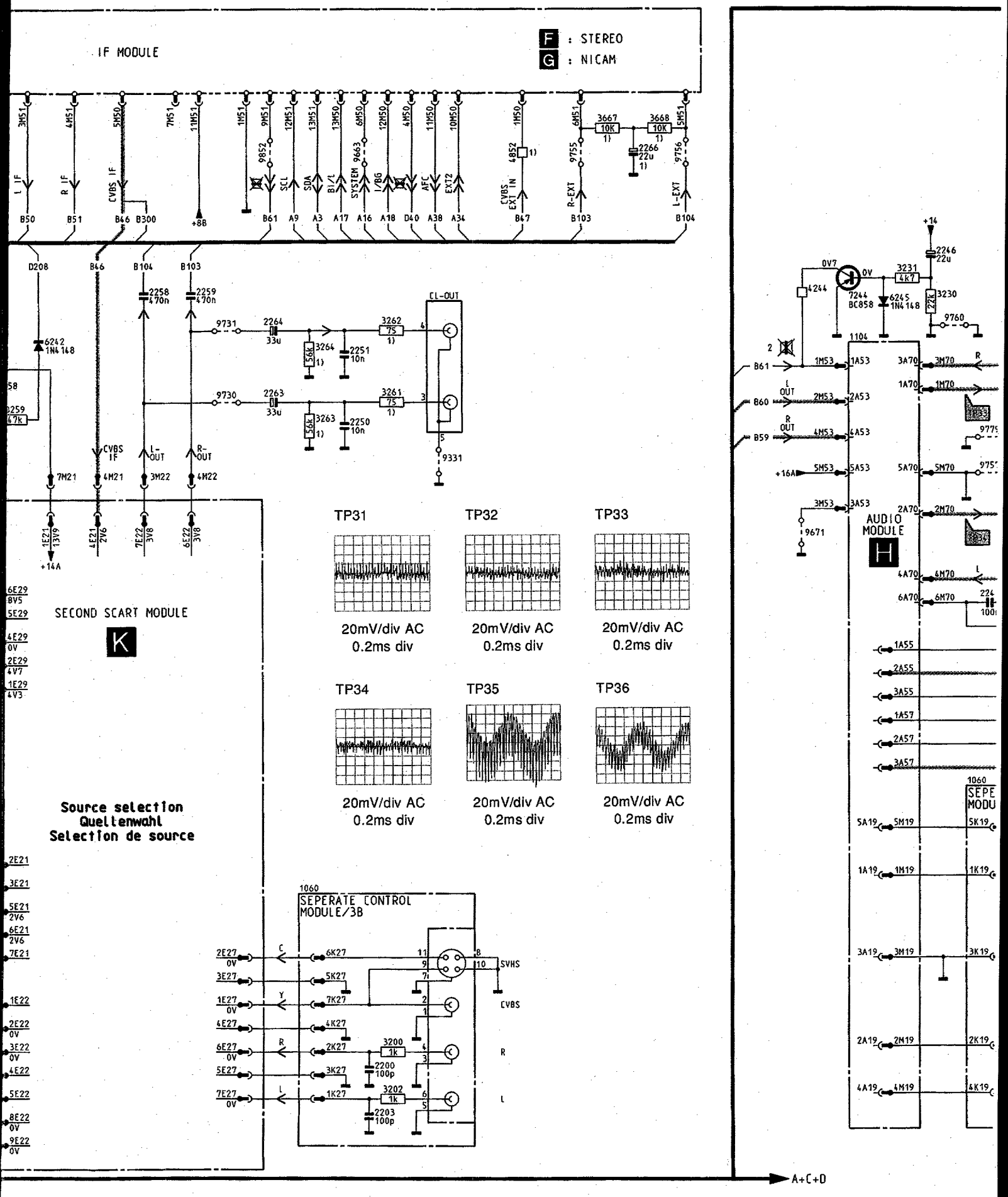
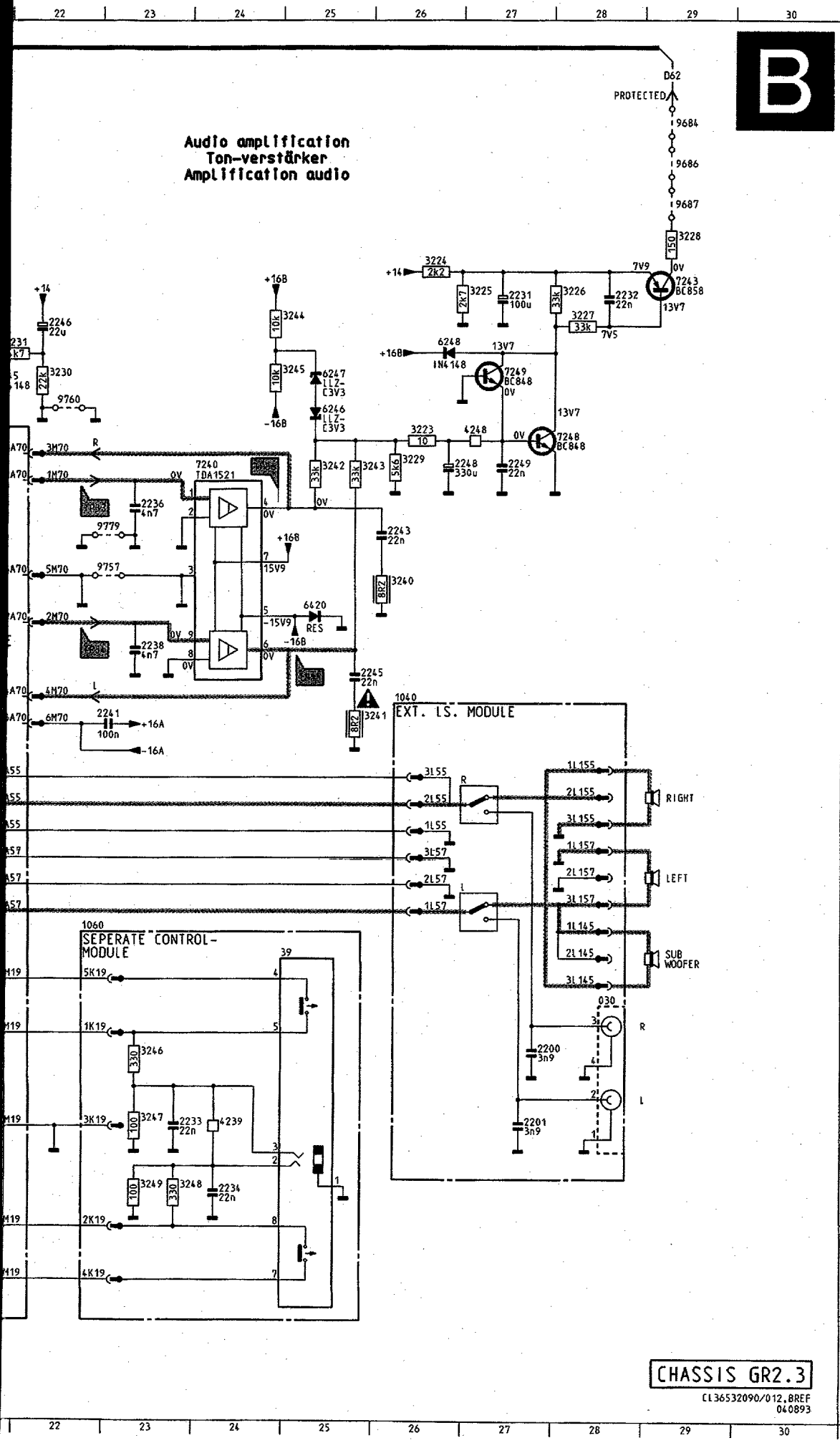

A
IR RECEIVER
RECEPTEUR IR
IR EMPFAENGER
RICEVITORE RI
RECEPTOR IR
EEPROM
CPU
CONTRAST IMP
16/9 INFO
16/9 ACK
POS/NEG.
BI/L
I/BG
PAL/SECAM
NTSC
TOSHIBA
SELECT
KEYBOARD
CLAVIER
TASTATUR
TASTIERA
TECLADO
SERVICE
IDENT
6 MHz


SEPERATE CONTROL MODULE/3A
SEPERATE MAINS MODULE/2B
IR RECEIVER
RECEPTEUR IR
IR EMPFAENGER
RICEVITORE RI
RECEPTOR IR
Controls
Bedienung
Commandes
TP37a = DC 2V8
TP37b = DC 0V
TP38a
control +
2V/div DC
0.2s div
TP38b
control -
2V/div DC
0.2s div
TP39
2V/div DC
20ms div
TP40
2V/div DC
20ms div
TP41
RC: volume +
2V/div DC
10ms div
REMARKS/REMARQUES/ANMERKUNGEN/NOTE
PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:
1) MONO
2) STEREO
3) 21"
4) ONLY IN CASE OF SEPARATE CONTROL FUNCTIONS
B+C+D
CHASSIS GR2.3
CL36532090/011.AREF
040393

Tuner/Kanalwähler/Sélecteur




IF MODULE
F : STEREO
G : NICAM
L IF
R IF
CVBS IF
SCL
SDA
B1/L
SYSTEM
I/BG
AFC
EXT2
CVBS EXT IN
R-EXT
L-EXT
B50
B51
B46
B300
+8B
B61
A9
A3
A17
A16
A18
D40
A38
A34
B47
B103
B104
CL-OUT
TP31
TP32
TP33
TP34
TP35
TP36
20mV/div AC
0.2ms div
SECOND SCART MODULE
K
Source selection
Quellenwahl
Selection de source
SEPERATE CONTROL
MODULE/3B
SVHS
CVBS
R
L
AUDIO
MODULE
H
+14A
A+C+D



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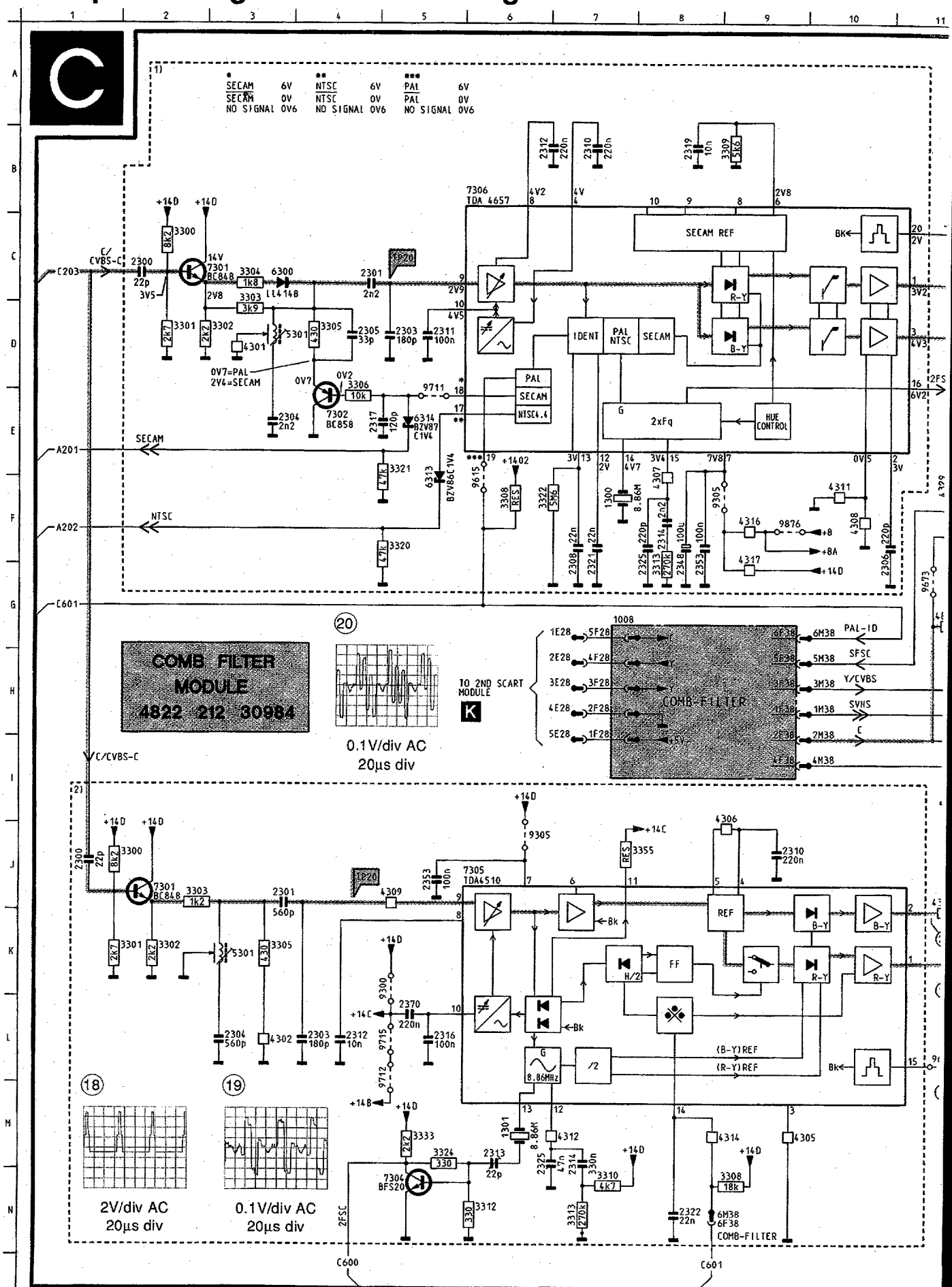
	1006	G10	4244	D20
	1040	H26	4248	E27
A	1060	J22	4850	B10
	1060	L14	4852	B17
	1104	E21	4853	L 8
	1240	B 3	4861	F 4
	1242	A 4	4867	K 8
	2001	C 1	5001	H 3
	2002	E 4	5240	B 3
	2003	H 3	5242	A 3
B	2004	D 4	6241	E 8
	2005	H 2	6242	E11
	2008	G 4	6245	D21
	2010	H 4	6246	E25
	2200	L27	6247	D25
	2200	N15	6248	D26
	2201	L27	6420	G25
	2203	N15	7003	G 3
C	2230	G 1	7240	E24
	2231	C27	7241	F 9
	2232	C28	7242	E10
	2233	L23	7243	C29
	2234	M24	7244	D21
	2236	F23	7248	E28
	2237	B 4	7249	D27
D	2238	G23	7850	J 2
	2239	A 5	7886	M 2
	2240	B 4	9270	H 9
	2241	H23	9331	F16
	2242	A 5	9621	I 2
	2243	F26	9630	I 3
	2245	G25	9643	I 9
	2246	D22	9647	I 9
E	2248	E26	9648	I 9
	2249	E27	9655	I 9
	2250	F14	9663	B15
	2251	E14	9671	G20
	2252	K 5	9675	J 8
	2253	K 6	9678	L 8
	2254	N 4	9681	L 8
F	2255	N 6	9684	A29
	2256	N 6	9686	B29
	2257	O 5	9687	B29
	2258	D12	9730	E13
	2259	D13	9731	E13
	2260	F 8	9739	M 8
	2263	E14	9745	B 9
	2264	E14	9747	B 4
G	2266	B18	9748	A 5
	2853	J 4	9750	A 3
	2854	N 2	9753	B 9
	39	K24	9755	B17
	3001	B 2	9756	B19
	3002	D 5	9757	F23
	3003	G 2	9759	K 3
H	3010	G 4	9760	D22
	3200	N15	9779	F23
	3202	N15	9852	B13
	3220	A 4		
	3222	H 1		
	3223	E26		
	3224	C26		
	3225	C27		
I	3226	C28		
	3227	D28		
	3228	C29		
	3229	E26		
	3230	D22		
	3231	D22		
	3240	F26		
J	3241	H25		
	3242	E25		
	3243	E25		
	3244	C24		
	3245	D24		
	3246	L23		
	3247	L23		
	3248	M23		
K	3249	M23		
	3250	N 6		
	3251	N 5		
	3253	L 6		
	3254	L 6		
	3255	F 8		
	3256	F 9		
	3257	E 9		
L	3258	E10		
	3259	F10		
	3260	F 8		
	3261	E15		
	3262	E15		
	3263	F14		
	3264	E14		
M	3667	B18		
	3668	B18		
	3850	L 2		
	3851	N 3		
	3852	N 4		
	3853	N 4		
	3854	N 5		
	3855	N 3		
N	3856	L 2		
	3857	L 2		
	3858	K 2		
	3859	K 2		
	3860	N 3		
	3862	M 2		
	3872	M 2		
	3887	I 3		
O	3888	L 5		
	3889	J 3		
	3890	J 3		
	49	M 3		
	4239	L24		

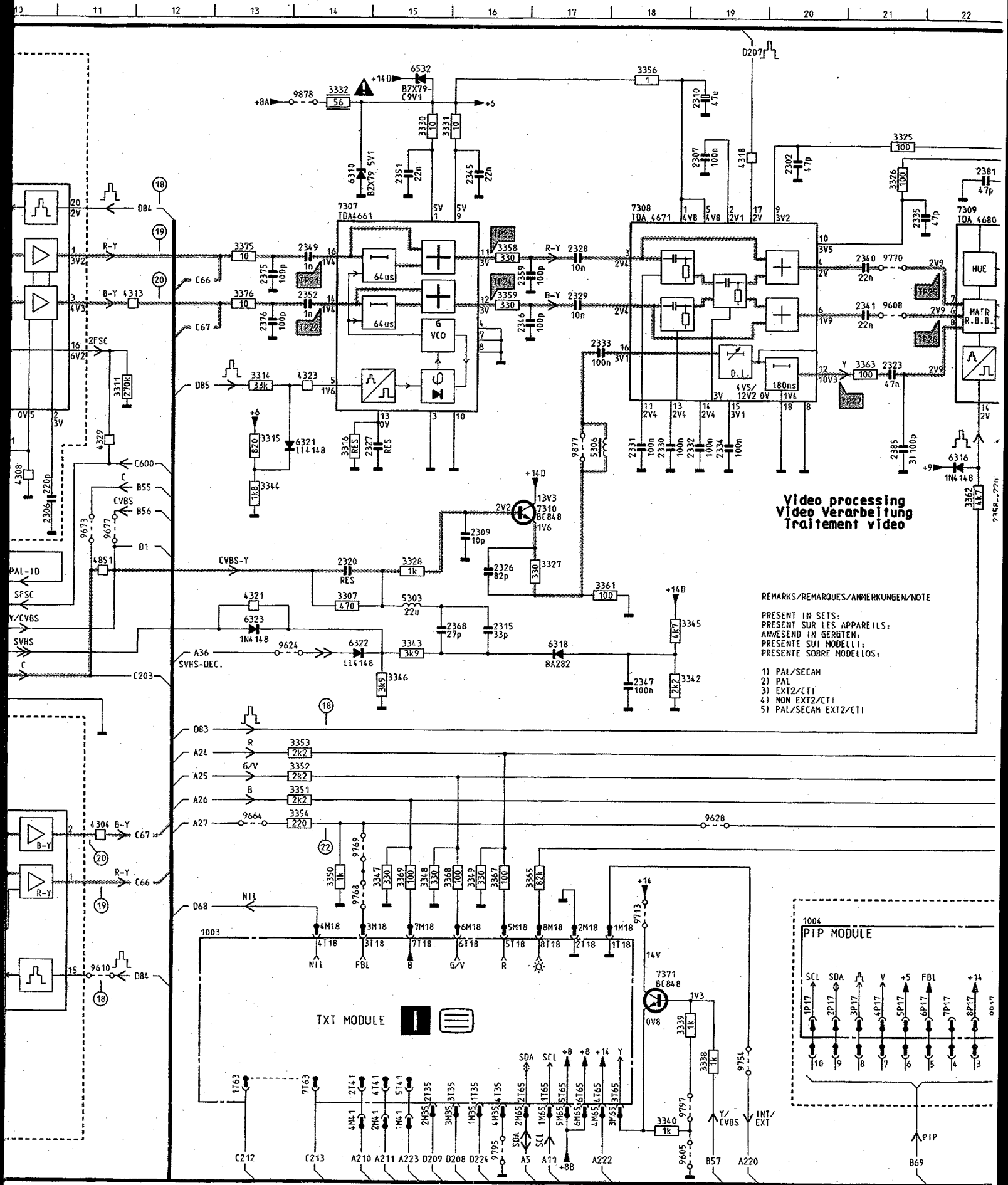
CHASSIS GR2.3

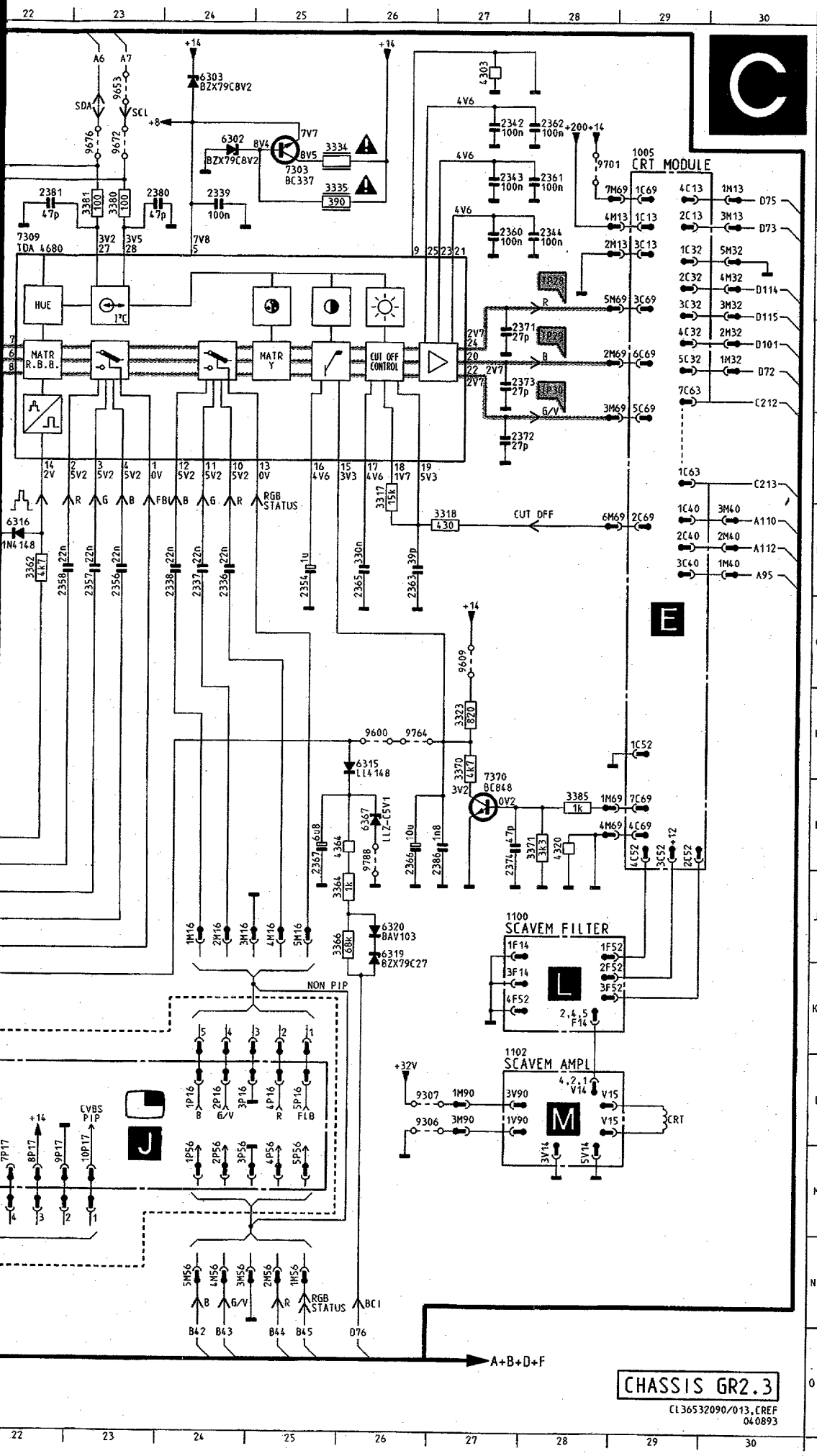
CL36532090/012.BREF
040893

Video processing/Video Verarbeitung/



Traitement video





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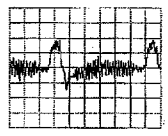
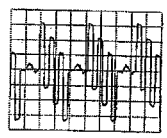
	1004	L20	3317	E26	9609	G27
	1005	B29	3318	F27	9610	L11
	1008	G 7	3320	F 5	9615	F 6
A	1100	J27	3321	E 5	9624	H13
	1102	L27	3322	F 6	9628	J19
	1300	F 7	3323	H27	9653	A23
	1301	M 6	3324	M 5	9664	J13
	2300	C 2	3325	B21	9672	B23
	2300	J 1	3326	B21	9673	G11
	2301	C 4	3327	G17	9676	B23
	2301	J 3	3328	G15	9677	G11
B	2302	B20	3330	B15	9701	B28
	2303	D 5	3331	B15	9711	E 5
	2303	L 4	3332	A14	9712	L 5
	2304	E 3	3333	M 5	9713	K18
	2304	L 3	3334	B25	9715	L 5
	2305	D 4	3335	B25	9754	M19
	2306	F10	3338	M19	9764	H26
	2307	B19	3339	M18	9768	K14
C	2308	F 7	3340	N18	9769	K14
	2309	G16	3342	H18	9770	C21
	2310	B 7	3343	H15	9788	I26
	2310	J 9	3344	F13	9795	N16
	2310	A19	3345	H18	9797	N19
	2311	D 5	3346	H15	9876	F 9
	2312	B 6	3347	K15	9877	F17
	2312	L 4	3348	K15	9878	A14
D	2313	M 6	3349	K16		
	2314	M 7	3350	K14		
	2314	F 8	3351	J14		
	2315	H16	3352	J14		
	2316	L 5	3353	I14		
	2317	E 4	3354	J14		
	2319	B 8	3355	J 7		
E	2320	G14	3356	A18		
	2321	F 7	3358	C16		
	2322	N 8	3359	D16		
	2323	E21	3361	G17		
	2325	M 6	3362	F22		
	2325	F 8	3363	E21		
	2326	G16	3364	J26		
F	2327	F15	3365	K17		
	2328	C17	3366	J26		
	2329	D17	3367	K16		
	2330	F18	3368	K16		
	2331	F18	3369	K15		
	2332	F19	3370	H27		
	2333	D17	3371	I28		
G	2334	F19	3375	C13		
	2335	C21	3376	D13		
	2336	F24	3380	B23		
	2337	F24	3381	B23		
	2338	F24	3385	I28		
	2339	B24	4301	D 3		
	2340	C21	4302	L 3		
	2341	D21	4303	A27		
	2342	A27	4304	J11		
H	2343	B27	4305	M 9		
	2344	C28	4306	I 9		
	2345	B16	4307	F 8		
	2346	D16	4308	F10		
	2347	I18	4309	J 5		
	2348	F 8	4311	F10		
	2349	C14	4312	M 7		
I	2351	B15	4313	D11		
	2352	D14	4314	M 8		
	2353	F 8	4316	F 9		
	2353	J 5	4317	F 9		
	2354	F25	4318	B19		
	2356	F23	4320	I28		
	2357	F23	4321	H13		
	2358	F22	4323	E14		
J	2359	D16	4329	F11		
	2360	C27	4364	I26		
	2361	B28	4851	G11		
	2362	A28	5301	D 3		
	2363	F26	5301	K 3		
	2365	F26	5303	H15		
	2366	I26	5306	F17		
K	2367	I25	6300	C 3		
	2368	H15	6302	B24		
	2370	L 5	6303	A24		
	2371	D27	6310	B14		
	2372	E27	6313	F 5		
	2373	D27	6314	E 5		
	2374	I27	6315	H26		
L	2375	D13	6316	F22		
	2376	D13	6318	H17		
	2380	B23	6319	J26		
	2381	B22	6320	J26		
	2385	F21	6321	F14		
	2386	I27	6322	H14		
	3300	C 2	6323	H13		
	3300	J 2	6367	I26		
M	3301	D 2	6532	A15		
	3301	K 2	7301	C 2		
	3302	D 3	7301	J 2		
	3302	K 2	7302	E 4		
	3303	D 3	7303	B25		
	3303	J 2	7304	N 5		
	3304	C 3	7305	J 5		
N	3305	D 4	7306	B 5		
	3305	K 3	7307	C14		
	3306	E 4	7308	C18		
	3307	H14	7309	C22		
	3308	N 9	7310	F17		
	3308	F 6	7370	I27		
	3309	B 9	7371	L18		
	3310	N 7	9300	K 5		
	3311	E11	9305	F 8		
O	3312	N 6	9305	J 6		
	3313	N 7	9306	L26		
	3313	G 8	9307	L26		
	3314	E13	9600	H26		
	3315	F13	9605	O19		

TP20



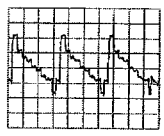
50mV/div AC
10µs div

TP26



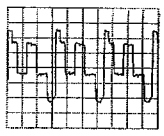
0.2V/div AC
20µs div

TP27



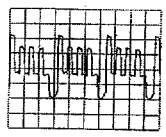
0.1V/div AC
20µs div

TP28



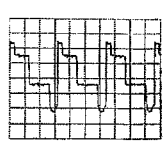
0.5V/div AC
20µs div

TP29



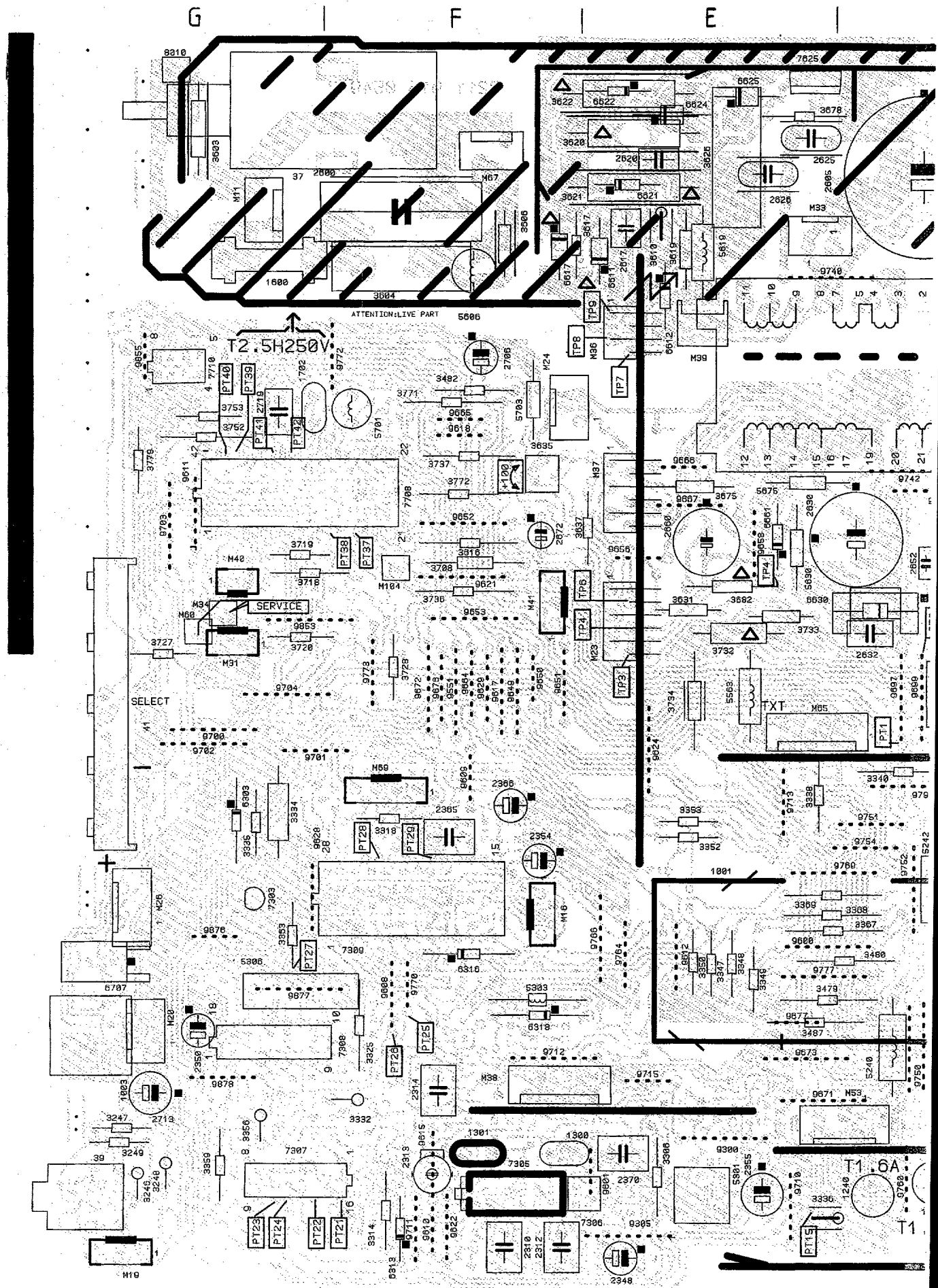
0.5V/div AC
20µs div

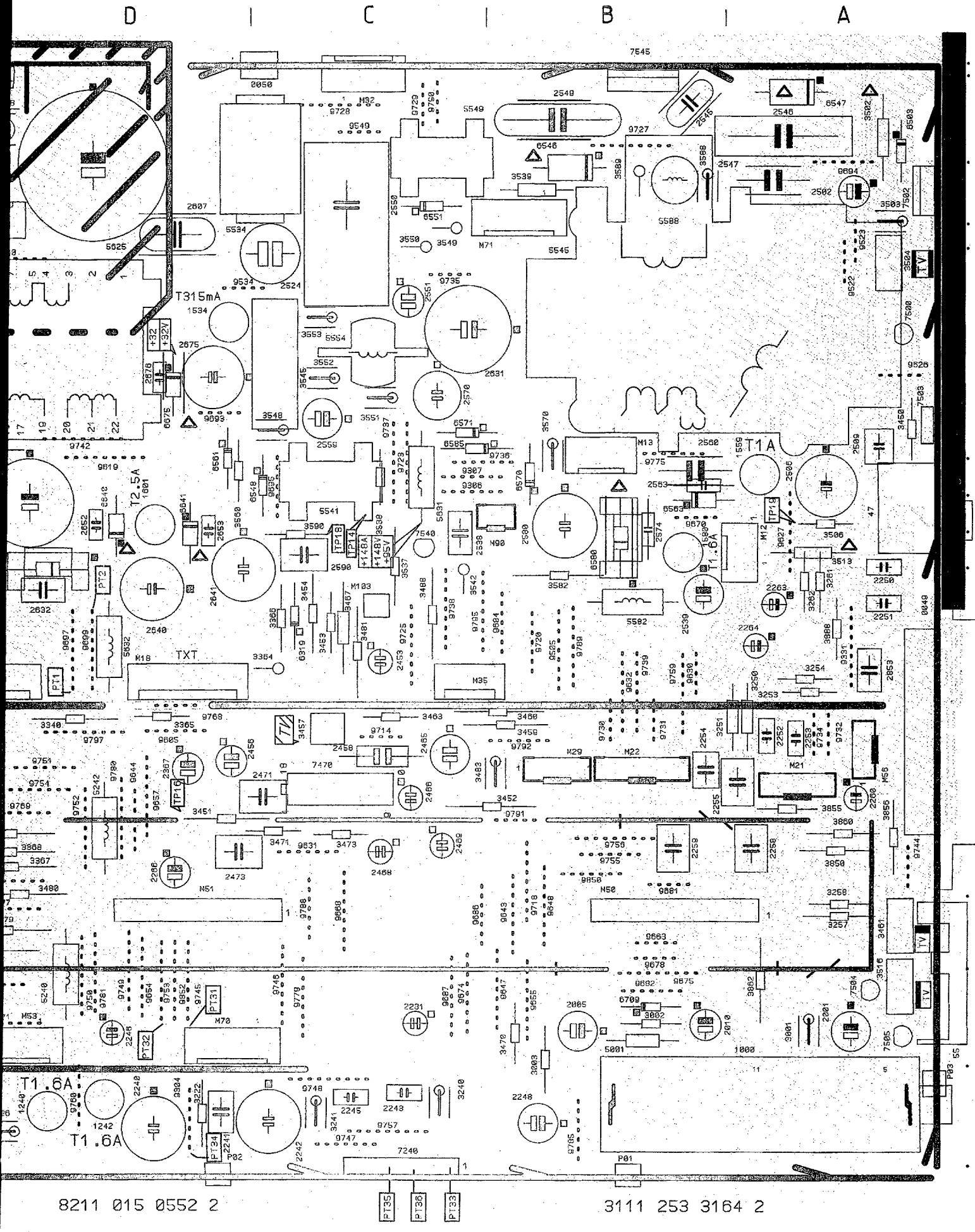
TP30



0.5V/div AC
20µs div

Mono carrier/Hauptplatine/Châssis





8211 015 0552 2

3111 253 3164 2

M11	G1	2334	G4	2716	G2	3452	B4	3741	F2	6315	D4	9624	E3
M12	A3	2335	F4	2718	B5	3453	C3	3742	F2	6316	F4	9626	A2
M13	B2	2336	F4	2719	G2	3454	C3	3743	F2	6318	F4	9627	A3
M16	F4	2337	F4	2721	F2	3455	C3	3747	G2	6319	C3	9628	G4
M18	D3	2338	F4	2722	F2	3456	C4	3748	G2	6320	C3	9629	F3
M19	G5	2339	F4	2781	B4	3457	C3	3749	G2	6321	F5	9630	B3
M20	G4	2340	G5	2853	A3	3458	C3	3751	G2	6322	E4	9631	C4
M21	A4	2341	G5	2854	A4	3459	B3	3752	G2	6323	E4	9632	B3
M22	B4	2342	F4	3001	A5	3460	B3	3753	G2	6332	F5	9643	B4
M23	E3	2343	F4	3002	B5	3461	A4	3755	G2	6367	D4	9644	D4
M24	F2	2344	F4	3003	B5	3462	C4	3756	G2	6450	A2	9647	B5
M26	G4	2345	G5	3010	B5	3463	C3	3757	F2	6464	C3	9648	B4
M29	B4	2346	G5	3220	C5	3464	C3	3758	F2	6466	A5	9649	F3
M31	G3	2347	F4	3222	D5	3465	C3	3768	F2	6467	A5	9650	F3
M32	C1	2348	E5	3223	B5	3466	C4	3770	F2	6483	C4	9651	F3
M33	E1	2349	F5	3224	C5	3467	C3	3771	F2	6503	A1	9652	F2
M34	G3	2350	G4	3225	C5	3468	C4	3772	F2	6504	A1	9653	F3
M35	C3	2351	F5	3226	C5	3469	C4	3775	G3	6505	A1	9654	D4
M36	E2	2352	G5	3227	C5	3470	B5	3776	G3	6546	B1	9655	B5
M37	E2	2353	E5	3228	C5	3471	C4	3779	G2	6547	A1	9656	E3
M38	E5	2354	F4	3229	B5	3472	C4	3780	G2	6548	C2	9657	D4
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M40	G3	2356	F4	3231	D5	3474	C3	3850	A4	6560	D2	9663	B4
M41	F3	2357	F4	3240	C5	3475	A5	3851	A4	6561	D2	9664	F3
M50	B4	2358	F4	3241	C5	3476	A5	3852	A4	6563	B2	9665	F2
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M53	D5	2360	F4	3243	C5	3478	A5	3854	A3	6571	C2	9667	E2
M56	A4	2361	F4	3244	B5	3479	E4	3855	A4	6580	B3	9668	C4
M60	G3	2362	F4	3245	C5	3480	D4	3856	A4	6585	C2	9670	B3
M65	D3	2363	F4	3246	G5	3481	C3	3857	A4	6590	C3	9671	E5
M67	F1	2365	F4	3247	G5	3482	F2	3858	A3	6591	B3	9672	F3
M69	F3	2366	F4	3248	G5	3483	B4	3859	A3	6592	B3	9673	E4
M70	D5	2367	D4	3249	G5	3484	C3	3860	A4	6610	F1	9674	C5
M71	B1	2368	F4	3250	A3	3485	D3	3862	A4	6611	E1	9675	B4
M90	B3	2370	E5	3251	A3	3486	C3	3872	A4	6612	E2	9676	F3
M103	C3	2371	F3	3253	A3	3487	E4	3886	F3	6615	F1	9677	E4
M104	F3	2372	F3	3254	A3	3488	C3	3887	D3	6617	F1	9678	B4
P01	B5	2373	F3	3255	A4	3501	A1	3888	A3	6621	E1	9681	B4
P02	D5	2374	F3	3256	A4	3502	A1	3889	B3	6622	E1	9682	B5
P03	A5	2375	F5	3257	A4	3503	A1	3890	F2	6624	E1	9684	B3
0049	A3	2376	F5	3258	A4	3504	A1	4221	B4	6625	E1	9686	C4
0050	C1	2378	E5	3259	A4	3505	A3	4239	G5	6630	D3	9687	C5
1000	A5	2380	G4	3260	A4	3506	A3	4242	A4	6640	D3	9693	D2
1003	G4	2381	F4	3261	A3	3507	A2	4243	A4	6641	D3	9694	A1
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1301	F5	2453	C3	3267	D4	3511	A2	4302	E5	6705	F2	9700	G3
1534	D2	2455	C3	3268	D4	3512	A5	4303	F4	6707	G4	9701	G3
1559	A2	2456	D4	3300	E5	3513	A3	4304	F5	6708	F2	9702	G3
1580	B3	2457	C4	3301	E5	3514	B3	4305	F5	6709	B5	9703	G2
1600	G1	2458	C4	3302	E5	3515	A2	4306	F5	7003	B5	9704	G3
1601	D3	2459	C3	3303	E5	3516	A4	4307	F5	7240	C5	9710	E5
1702	G2	2460	C3	3304	E5	3517	A2	4308	F5	7241	A4	9711	F5
2001	A5	2461	C4	3305	E5	3518	A2	4309	F5	7242	A4	9712	F4
2003	A5	2462	C4	3306	E5	3519	A2	4311	F5	7243	C5	9713	E3
2004	B5	2464	C4	3307	F4	3523	A2	4312	F5	7244	D5	9714	C3
2005	B5	2465	C4	3308	F5	3529	A2	4313	F5	7248	C5	9715	E5
2008	B5	2466	C4	3309	F5	3535	A2	4314	F5	7249	C5	9718	B4
2010	B5	2467	C4	3310	F5	3537	C3	4316	G5	7301	E5	9720	B3
2230	B5	2468	C4	3311	F5	3538	C2	4317	E5	7302	E5	9723	C2
2231	C5	2469	C4	3312	F5	3539	B1	4318	G4	7303	G4	9725	C3
2232	C5	2470	C4	3313	F5	3540	A1	4320	G3	7304	F5	9727	B1
2233	G5	2471	C4	3314	F5	3542	C3	4321	E4	7305	F5	9728	C1
2236	C5	2473	D4	3315	F5	3543	B3	4323	F5	7306	F5	9729	C1
2237	C5	2474	C4	3316	G5	3545	C2	4329	F5	7307	F5	9730	B3
2238	C5	2475	C4	3317	F4	3548	C2	4364	D3	7308	G5	9731	B3
2239	C5	2500	A2	3318	F4	3549	C1	4459	C4	7309	G4	9732	A3
2240	D5	2501	A2	3320	G5	3550	C1	4485	C3	7310	F4	9734	A3
2241	D5	2502	A1	3321	G5	3551	C2	4504	A4	7370	F3	9735	C2
2242	C5	2505	A2	3322	E5	3552	C2	4506	A2	7371	E3	9736	C2
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2245	C5	2507	A3	3324	F5	3560	D2	4705	E3	7455	C4	9738	C3
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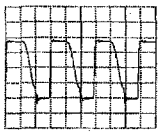
2249	C5	2538	C3	3327	F4	3588	B1	4708	G2	7471	A5	9742	D2
2250	A3	2539	B3	3328	F4	3589	B1	4709	G2	7472	A5	9744	A4
2251	A3	2545	B1	3330	G5	3590	C3	4717	G4	7500	A2	9745	D4
2252	A3	2546	A1	3331	G5	3591	C3	4718	G3	7502	A1	9746	C4
2253	A3	2547	A1	3332	F5	3592	C3	4721	G2	7503	A2	9747	C5
2254	B4	2549	B1	3333	F5	3603	G1	4850	B4	7504	A5	9748	C5
2255	A4	2550	C1	3334	G4	3604	F1	4851	E5	7505	A5	9749	D4
2256	A4	2551	C2	3335	G4	3606	F1	4852	A4	7540	C3	9750	D4
2257	B3	2559	C2	3336	E5	3610	E1	4853	A4	7545	B1	9751	D4
2258	A4	2560	B2	3338	E3	3616	F2	4861	B5	7591	C3	9752	D4
2259	B4	2563	B2	3339	E3	3617	F1	4867	A4	7625	E1	9753	D4
2260	A4	2570	C2	3340	D3	3619	E1	5001	B5	7703	F3	9754	D4
2263	A3	2574	B3	3342	F4	3620	E1	5240	D4	7704	G3	9755	B4
2264	A3	2580	B3	3343	F4	3621	E1	5242	D4	7705	F3	9756	B4
2266	D4	2588	B1	3344	F5	3622	E1	5301	E5	7706	F2	9757	C5
2300	E5	2590	C3	3345	F4	3626	E1	5303	F4	7707	F2	9759	B3
2301	E5	2600	F1	3346	E4	3631	E3	5306	G4	7708	G2	9760	D5
2302	F4	2605	D1	3347	E4	3634	F2	5534	D1	7710	G2	9764	E4
2303	E5	2607	D1	3348	E4	3635	F2	5541	C2	7850	A3	9766	E4
2304	E5	2617	E1	3349	E4	3637	E2	5545	A1	7886	A4	9768	D3
2305	E5	2620	E1	3350	E4	3659	D2	5549	C1	8010	G1	9769	E4
2306	F5	2625	E1	3351	E4	3675	E2	5554	C2	9300	E5	9770	F4
2307	G4	2626	E1	3352	E4	3677	E2	5563	E3	9304	D5	9772	F2
2308	F5	2630	D3	3353	E4	3678	E1	5582	B3	9305	E5	9773	F3
2309	F4	2631	C2	3354	E4	3682	E3	5588	B1	9306	C2	9775	B2
2310	F5	2632	D3	3355	E5	3707	G3	5606	F1	9307	C2	9777	E4
2311	E5	2640	D3	3356	G5	3708	F3	5619	E1	9331	A3	9779	C5
2312	F5	2641	D3	3358	G5	3709	G2	5625	D2	9505	B3	9780	D4
2313	F5	2652	D3	3359	G5	3710	G3	5630	E3	9522	A1	9781	D4
2314	F5	2653	D3	3361	F4	3718	G3	5631	C2	9523	A1	9785	B5
2315	F4	2658	D2	3362	E4	3719	G3	5632	D3	9534	D2	9788	C4
2316	F5	2660	E3	3363	G4	3720	G3	5675	E2	9549	C1	9789	B3
2317	E5	2672	F2	3364	C3	3721	G3	5701	F2	9551	F3	9790	C1
2319	F5	2675	D2	3365	D3	3722	G3	5703	F2	9600	E4	9791	B4
2320	F4	2676	D2	3366	C3	3723	G3	6240	C5	9601	E5	9792	B3
2321	E5	2704	G2	3367	E4	3724	F3	6241	A4	9605	D3	9795	C3
2322	F5	2705	F2	3368	E4	3725	G3	6242	A4	9608	F4	9797	D3
2323	F4	2706	F2	3369	E4	3726	F3	6245	D5	9609	F3	9850	B4
2325	F5	2707	G3	3370	F4	3727	G3	6246	C5	9610	F5	9852	D4
2326	F4	2708	F3	3371	F3	3728	F3	6247	B5	9611	G2	9853	G3
2327	G5	2709	F2	3375	F5	3729	G4	6248	B5	9612	E4	9855	G2
2328	G5	2710	F2	3376	F5	3730	G4	6300	E5	9615	F5	9876	G4
2329	G5	2711	G2	3380	G3	3732	E3	6302	G4	9617	F3	9877	G4
2330	G4	2712	G2	3381	F3	3733	E3	6303	G4	9618	F2	9878	G5
2331	G4	2713	G5	3385	F3	3734	E3	6310	F5	9619	D2		
2332	G4	2714	G2	3450	A2	3736	F3	6313	F5	9621	F3		
2333	G4	2715	G2	3451	D4	3737	F2	6314	G5	9622	F5		

TP1 = DC 15V9

TP2 = DC -15V9

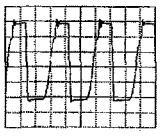
TP3



20V/div AC
5µs div

TP4 = DC 9V7

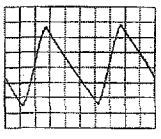
TP5



5V/div AC
5µs div

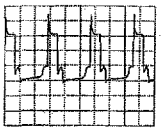
TP6 = DC 4V8

TP7



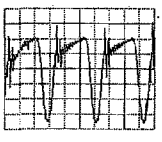
2V/div AC
2ms div

TP8



2V/div AC
5µs div

TP9



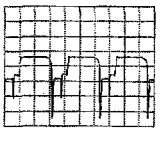
0.2V/div AC
5µs div

TP10 = DC 2V4

TP11 = DC 0V

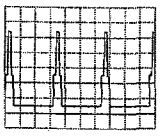
TP12 = DC 2V7

TP14



2V/div AC
20µs div

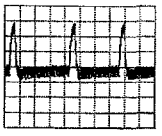
TP16



2V/div AC
20µs div

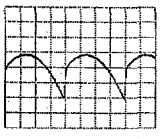
TP17 = DC 0V

TP18



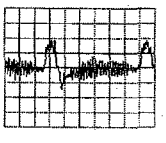
2V/div AC
5ms div

TP19



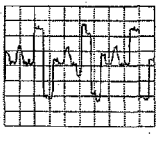
1V/div AC
5ms div

TP20



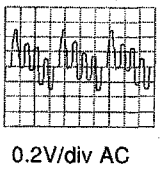
50mV/div AC
10µs div

TP21



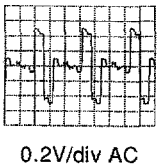
0.1V/div AC
20µs div

TP22



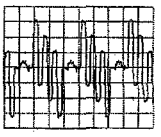
0.2V/div AC
20µs div

TP23



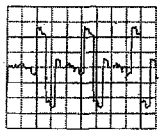
0.2V/div AC
20µs div

TP24



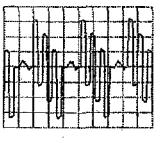
0.2V/div AC
20µs div

TP25



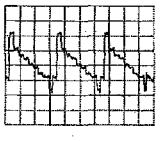
0.2V/div AC
20µs div

TP26



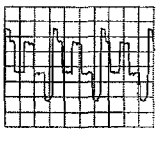
0.2V/div AC
20µs div

TP27



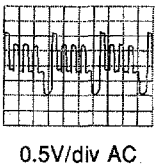
0.1V/div AC
20µs div

TP28



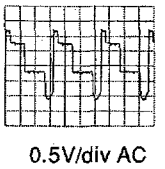
0.5V/div AC
20µs div

TP29



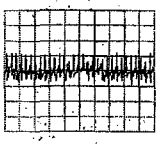
0.5V/div AC
20µs div

TP30



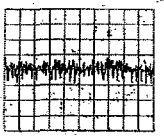
0.5V/div AC
20µs div

TP31



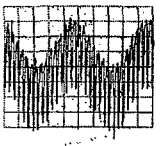
20mV/div AC
0.2ms div

TP34



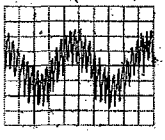
20mV/div AC
0.2ms div

TP35



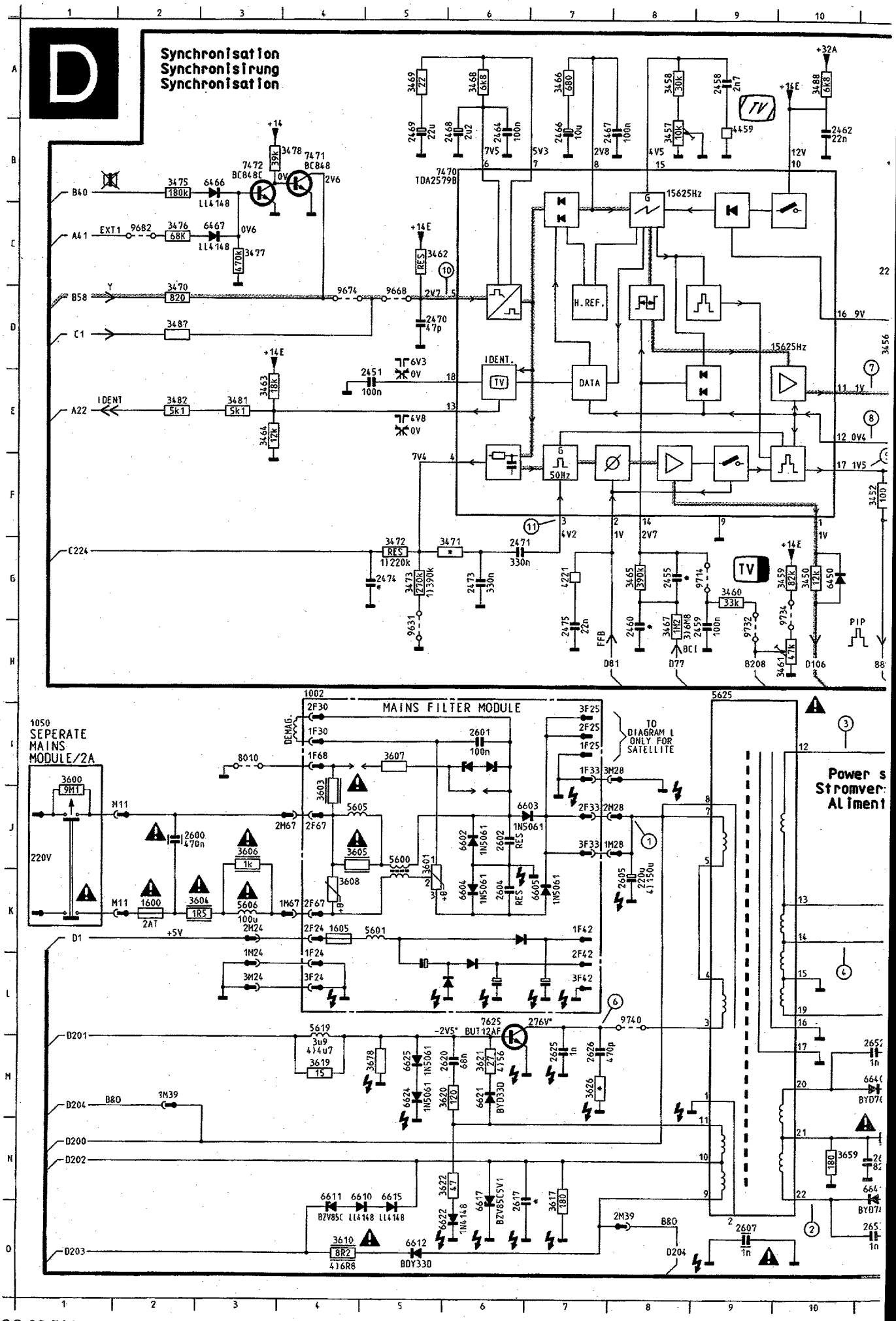
20mV/div AC
0.2ms div

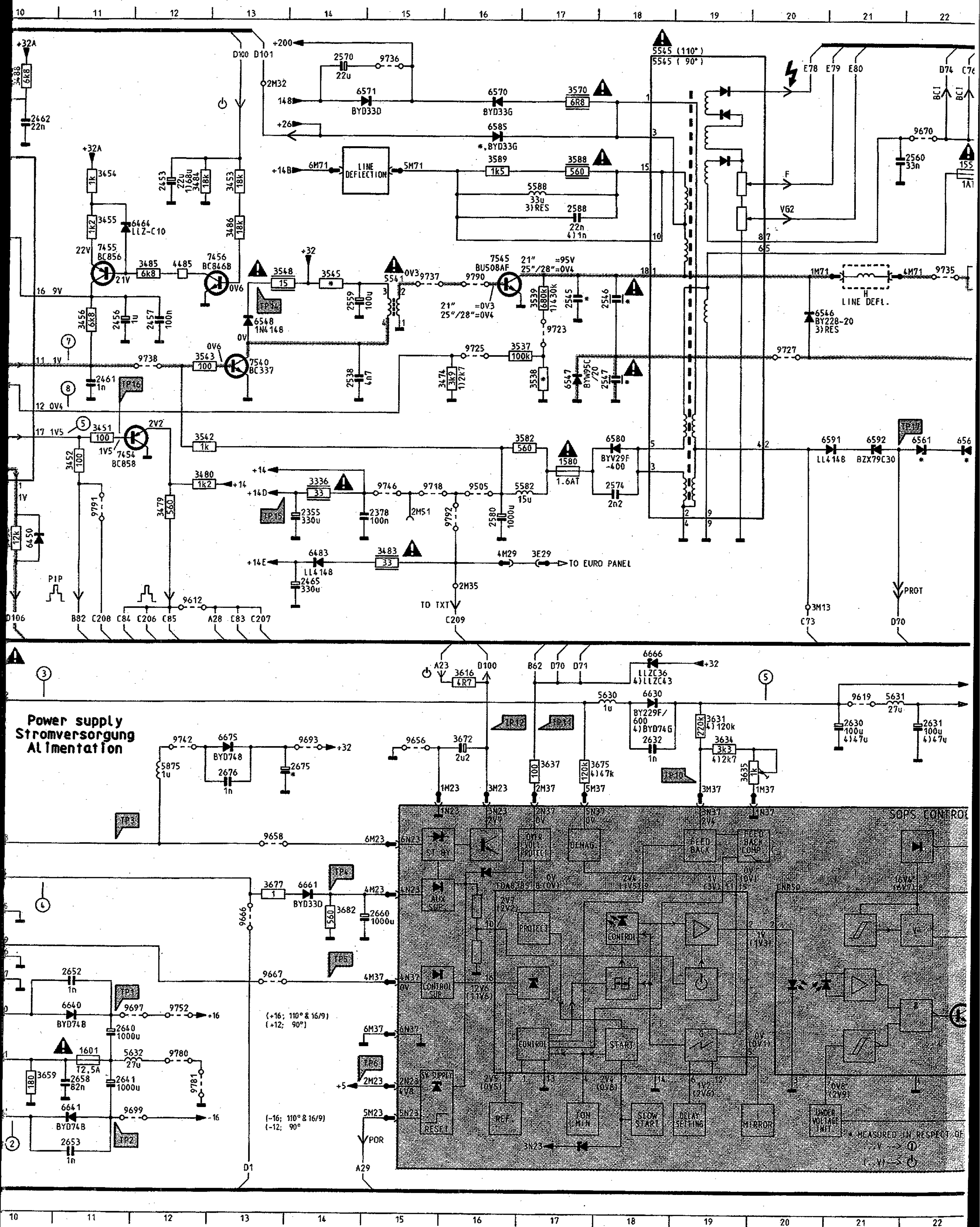
TP36

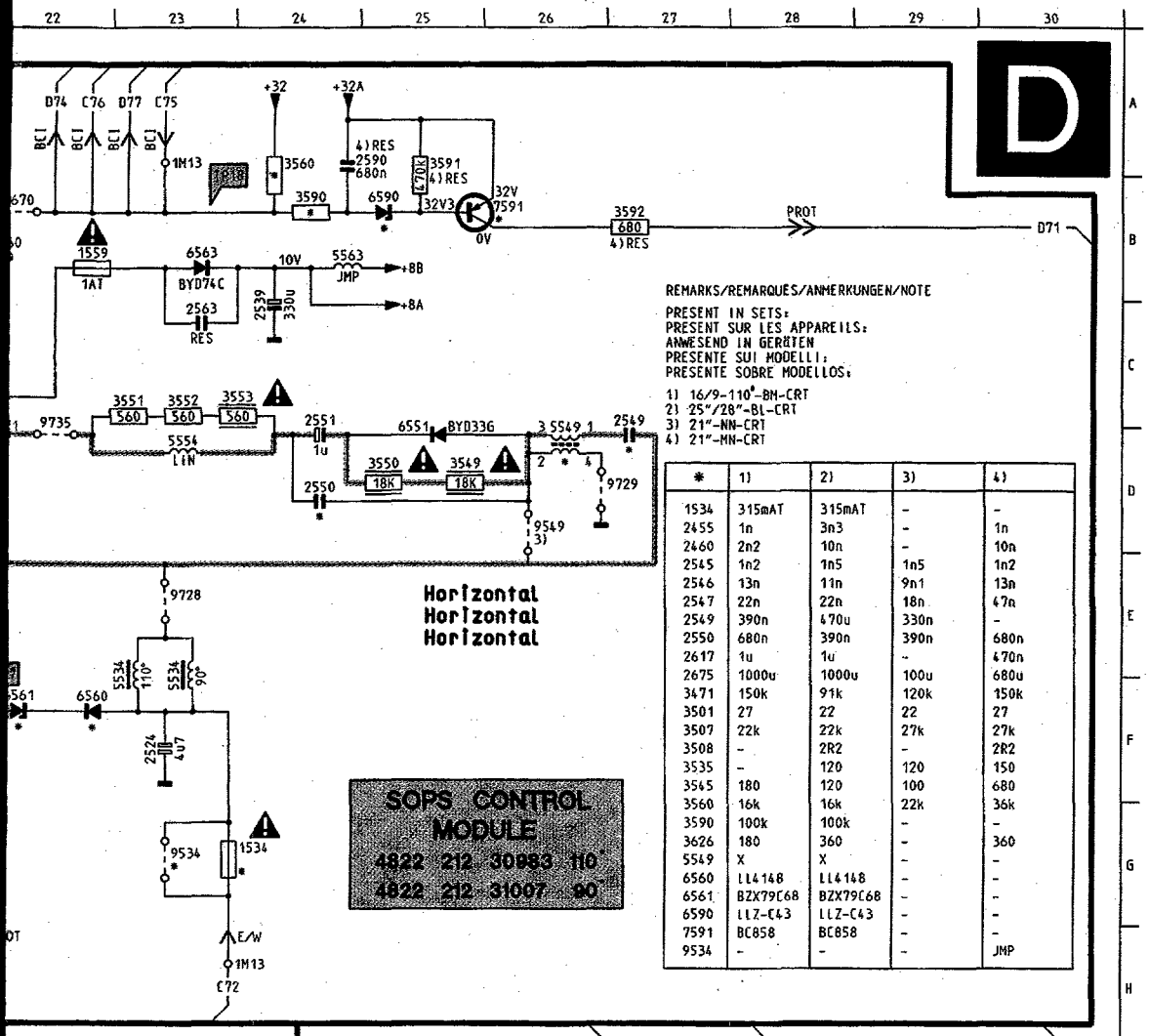


2mV/div AC
0.2ms div

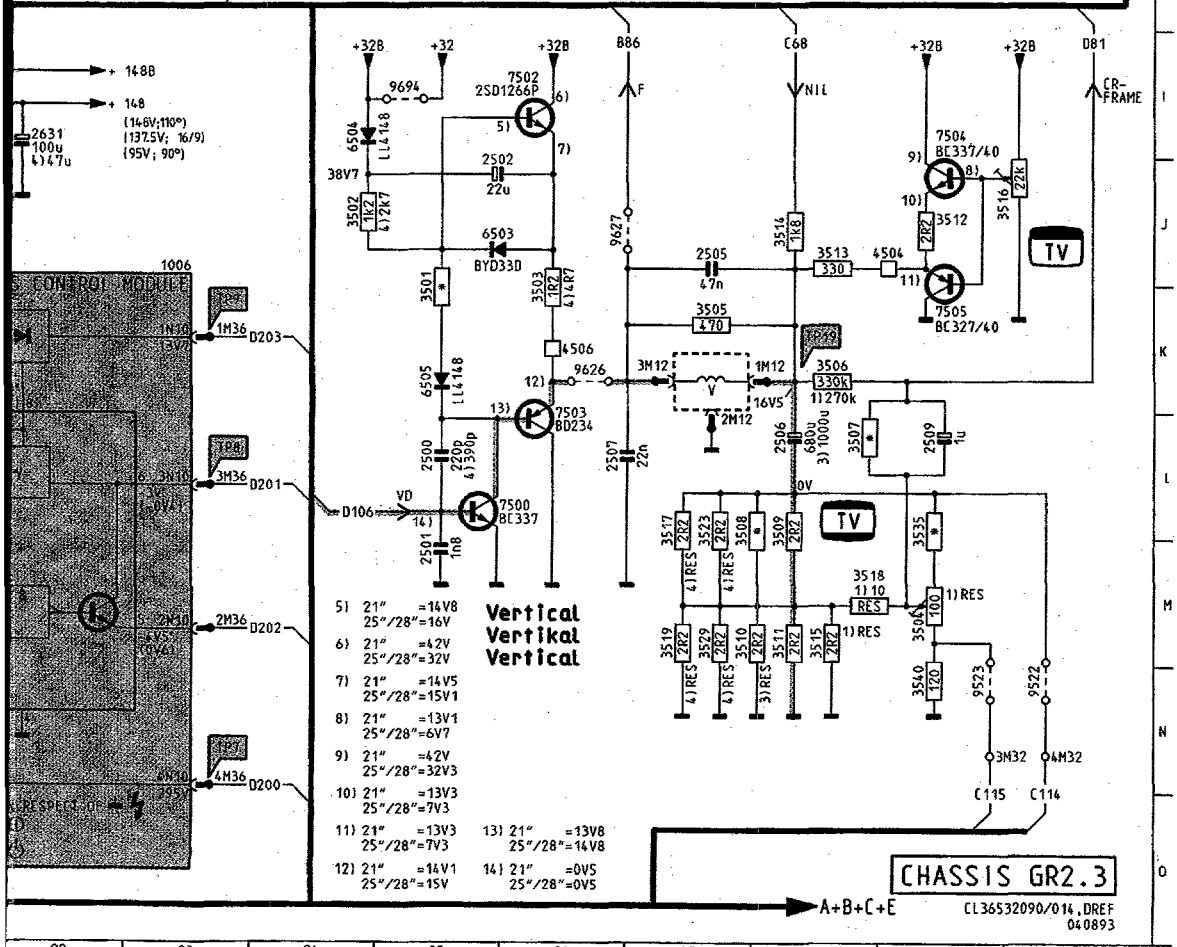
Power supply/Stromversorgung/Alimentation




Power supply
Stromversorgung
Alimentation
LINE DEFLECTION
LINE DEFL.
TO EURO PANEL
TO TXT
PROT
POR
(+16; 110° & 16/9)
(+12; 90°)
(-16; 110° & 16/9)
(-12; 90°)



*	1)	2)	3)	4)
1534	315mAT	315mAT	-	-
2455	1n	3n3	-	1n
2460	2n2	10n	-	10n
2545	1n2	1n5	1n5	1n2
2546	13n	11n	9n1	13n
2547	22n	22n	18n	47n
2549	390n	470u	330n	-
2550	680n	390n	390n	680n
2617	1u	1u	-	470n
2675	1000u	1000u	100u	680u
3471	150k	91k	120k	150k
3501	27	22	22	27
3507	22k	22k	27k	27k
3508	-	2R2	-	2R2
3535	-	120	120	150
3545	180	120	100	680
3560	16k	16k	22k	36k
3590	100k	100k	-	-
3626	180	360	-	360
5549	X	X	-	-
6560	LL4148	LL4148	-	-
6561	BZX79C68	BZX79C68	-	-
6590	LLZ-C43	LLZ-C43	-	-
7591	BC858	BC858	-	-
9534	-	-	-	JMP



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1006	J23	3501	K25	6602	J 6
1050	I 1	3502	J24	6603	J 7
1534	G24	3503	K26	6604	K 6
1559	B22	3504	M29	6605	K 7
1580	F17	3505	K27	6610	N 5
1600	K 2	3506	K28	6611	N 4
1601	N11	3507	L28	6612	O 5
1605	K 4	3508	L27	6615	N 5
2355	G14	3509	L28	6617	N 6
2378	G15	3510	M27	6621	M 6
2451	E 5	3511	M28	6622	O 6
2453	B12	3512	J29	6624	M 5
2455	G 8	3513	J28	6625	M 5
2456	D11	3514	J28	6630	I 18
2457	D12	3515	M28	6640	M11
2458	A 9	3516	J30	6641	N11
2459	H 9	3517	L27	6661	K14
2460	H 8	3518	M28	6666	H18
2461	E11	3519	M27	6675	J13
2462	B10	3523	L27	7454	F12
2464	B 6	3529	M27	7455	C11
2465	H14	3535	L29	7456	C13
2466	B 7	3537	E17	7470	B 6
2467	B 7	3538	E17	7471	B 4
2468	B 6	3539	D17	7472	B 3
2469	B 5	3540	N29	7500	L25
2470	D 5	3542	F12	7502	I26
2471	G 6	3543	E12	7503	L26
2473	G 6	3545	D14	7504	I29
2474	G 5	3548	D13	7505	K29
2475	H 7	3549	D25	7540	E13
2500	L25	3550	D25	7545	C16
2501	M25	3551	C23	7591	B26
2502	J25	3552	C23	7625	L 6
2505	J27	3553	C24	8010	I 3
2506	L28	3560	A24	9505	F16
2507	L26	3570	A17	9522	N30
2509	L29	3582	F17	9523	N29
2524	F23	3588	B17	9534	G23
2538	E14	3589	B16	9549	D26
2539	C24	3590	B24	9612	H12
2545	D17	3591	A25	9619	I21
2546	D18	3592	B27	9626	K26
2547	E18	3600	I 1	9627	J26
2549	D27	3601	K 5	9631	H 5
2550	D24	3603	J 4	9656	J15
2551	D24	3604	K 3	9658	K13
2559	D14	3605	J 4	9666	L13
2560	B22	3606	J 3	9667	M13
2563	C23	3607	I 5	9668	D 5
2570	A14	3608	K 4	9670	B22
2574	F18	3610	O 4	9674	D 4
2580	G16	3616	I16	9682	C 2
2588	C17	3617	N 7	9693	J14
2590	A24	3619	M 4	9694	I25
2600	J 2	3620	M 6	9697	M12
2601	I 6	3621	M 6	9699	N12
2602	J 6	3622	N 6	9714	G 9
2604	K 6	3626	M 7	9718	F15
2605	K 8	3631	I19	9723	D17
2607	D 9	3634	J19	9725	E16
2617	N 6	3635	J19	9727	E20
2620	M 6	3637	J17	9728	E23
2625	M 7	3659	N10	9729	D27
2626	M 7	3672	J16	9732	H 9
2630	I21	3675	J17	9734	G10
2631	I22	3677	K13	9735	D22
2632	J18	3678	M 5	9736	A15
2640	M11	3682	L14	9737	D15
2641	N11	4221	G 7	9738	E12
2652	M11	4459	B 9	9740	L 8
2653	O11	4485	C12	9742	J12
2658	N11	4504	J29	9746	F15
2660	L15	4506	K26	9752	M12
2675	J14	5534	E23	9780	N12
2676	J13	5534	E23	9781	N12
3336	F14	5541	D15	9790	D16
3450	G10	5545	A18	9791	G11
3451	F11	5545	A18	9792	G16
3452	F11	5549	D26		
3453	B13	5554	D23		
3454	B11	5563	B24		
3455	C11	5582	F17		
3456	D11	5588	B17		
3457	B 8	5600	J 5		
3458	A 8	5601	K 5		
3459	G10	5605	J 4		
3460	G 9	5606	K 3		
3461	H10	5619	L 4		
3462	C 5	5625	H 9		
3463	E 3	5630	I18		
3464	E 3	5631	I21		
3465	G 8	5632	N12		
3466	A 7	5875	J12		
3467	H 8	6450	G10		
3468	A 6	6464	C11		
3469	A 5	6466	B 3		
3470	D 2	6467	C 3		
3471	G 6	6483	G14		
3472	G 5	6503	J25		
3473	G 5	6504	I24		
3474	E16	6505	K25		
3475	B 2	6546	D20		
3476	C 2	6547	E17		
3477	C 3	6548	D13		
3478	B 3	6551	D25		
3479	G12	6560	F22		
3480	F12	6561	F22		
3481	E 3	6563	B23		
3482	E 2	6570	A16		
3483	G15	6571	A14		
3484	B12	6580	F18		
3485	C12	6585	B16		
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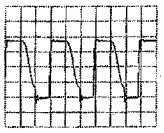
3487	D 2	6591	F21		

TP1 = DC 15V9

TP2 = DC -15V9

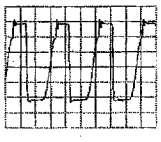
TP3



20V/div AC
5µs div

TP4 = DC 9V7

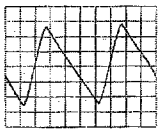
TP5



5V/div AC
5µs div

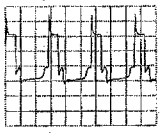
TP6 = DC 4V8

TP7



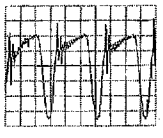
2V/div AC
2ms div

TP8



2V/div AC
5µs div

TP9



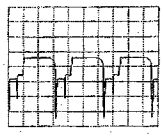
0.2V/div AC
5µs div

TP10 = DC 2V4

TP11 = DC 0V

TP12 = DC 2V7

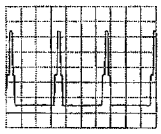
TP14



2V/div AC
20µs div

TP15 = DC 13V4

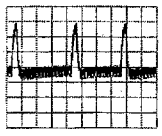
TP16



2V/div AC
20µs div

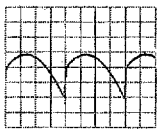
TP17 = DC 0V

TP18



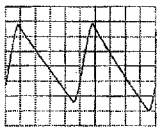
2V/div AC
5ms div

TP19



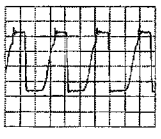
1V/div AC
5ms div

①



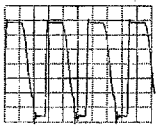
2V/div AC
2ms div

②



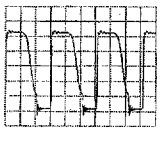
10V/div AC
5µs div

③



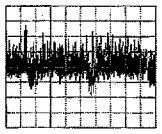
50V/div AC
5µs div

④



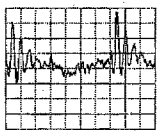
5V/div AC
5µs div

⑤a



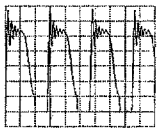
100mV/div AC
5ms div

⑤b



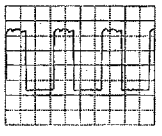
100mV/div AC
2µs div

⑥



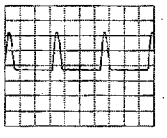
100V/div AC
5µs div

⑦



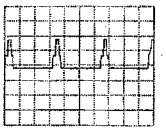
0.5V/div AC
20µs div

⑧



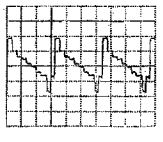
1V/div AC
20µs div

⑨

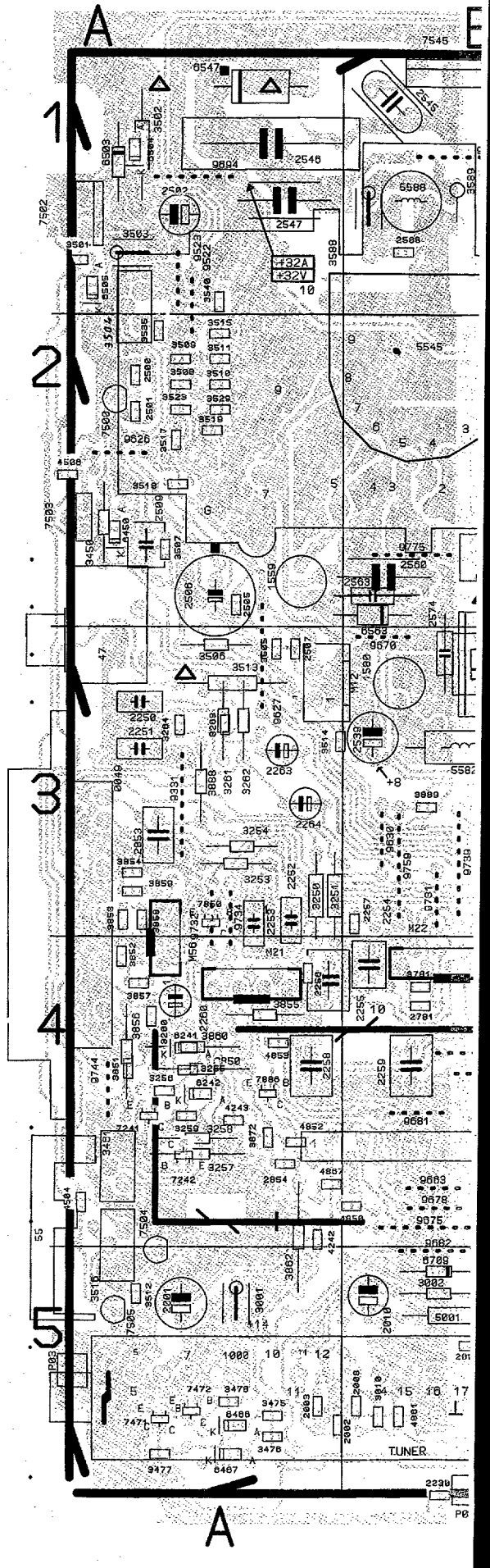


5V/div AC
20µs div

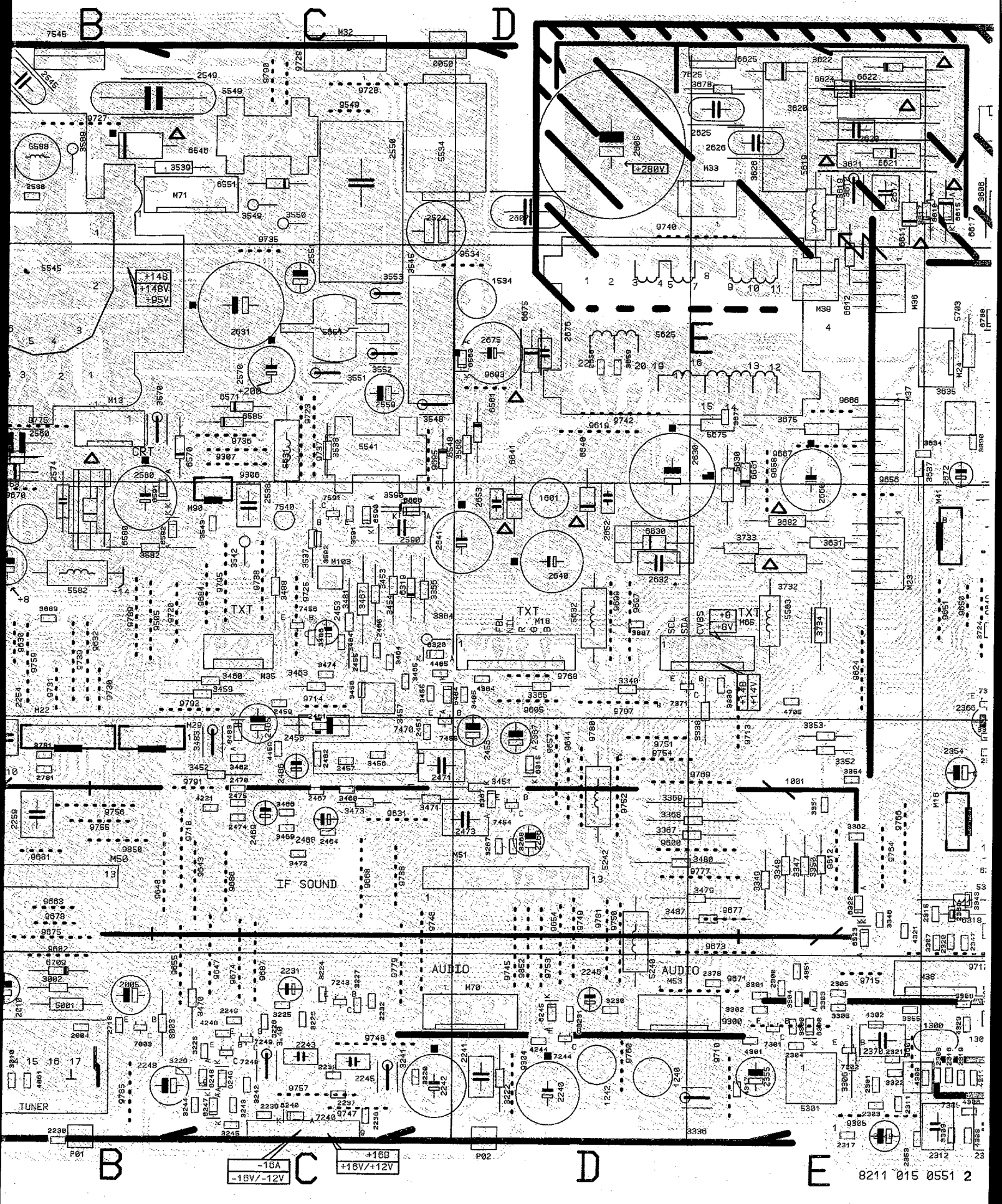
⑩

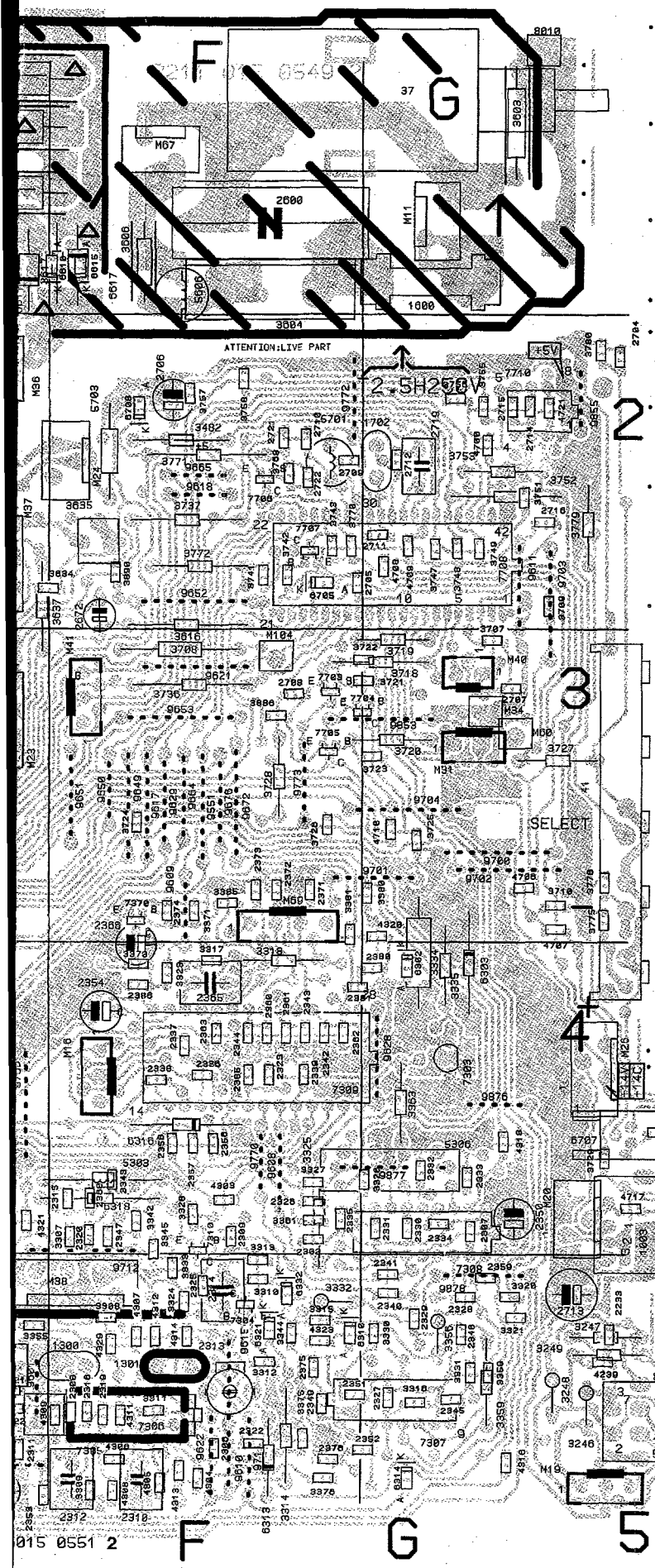


0.5V/div AC
20µs div



Mono carrier/Hauptplatine/Châssis





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2251	A3	2545	B1	3330	G5	3590	C3	4717	G4	7500	A2	9745	D4		
2252	A3	2546	A1	3331	G5	3591	C3	4718	G3	7502	A1	9746	C4		
2253	A3	2547	A1	3332	F5	3592	C3	4721	G2	7503	A2	9747	C5		
2254	B4	2549	B1	3333	F5	3603	G1	4850	B4	7504	A5	9748	C5		
2255	A4	2550	C1	3334	G4	3604	F1	4851	E5	7505	A5	9749	D4		
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2258	A4	2560	B2	3338	E3	3616	F2	4861	B5	7591	C3	9752	D4		
2259	B4	2563	B2	3339	E3	3617	F1	4867	A4	7625	E1	9753	D4		
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2264	A3	2580	B3	3343	F4	3621	E1	5242	D4	7705	F3	9756	B4		
2266	D4	2588	B1	3344	F5	3622	E1	5301	E5	7706	F2	9757	C5		
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2301	E5	2600	F1	3346	E4	3631	E3	5306	G4	7708	G2	9760	D5		
2302	F4	2605	D1	3347	E4	3634	F2	5534	D1	7710	G2	9764	E4		
2303	E5	2607	D1	3348	E4	3635	F2	5541	C2	7850	A3	9766	E4		
2304	E5	2617	E1	3349	E4	3637	E2	5545	A1	7886	A4	9768	D3		
2305	E5	2620	E1	3350	E4	3659	D2	5549	C1	8010	G1	9769	E4		
2306	F5	2625	E1	3351	E4	3675	E2	5554	C2	9300	E5	9770	F4		
2307	G4	2626	E1	3352	E4	3677	E2	5563	E3	9304	D5	9772	F2		
2308	F5	2630	D3	3353	E4	3678	E1	5582	B3	9305	E5	9773	F3		
2309	F4	2631	C2	3354	E4	3682	E3	5588	B1	9306	C2	9775	B2		
2310	F5	2632	D3	3355	E5	3707	G3	5606	F1	9307	C2	9777	E4		
2311	E5	2640	D3	3356	G5	3708	F3	5619	E1	9331	A3	9779	C5		
2312	F5	2641	D3	3358	G5	3709	G2	5625	D2	9505	B3	9780	D4		
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2315	F4	2658	D2	3362	E4	3719	G3	5632	D3	9534	D2	9788	C4		
2316	F5	2660	E3	3363	G4	3720	G3	5675	E2	9549	C1	9789	B3		
2317	E5	2672	F2	3364	C3	3721	G3	5701	F2	9551	F3	9790	C1		
2319	F5	2675	D2	3365	D3	3722	G3	5703	F2	9600	E4	9791	B4		
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2321	E5	2704	G2	3367	E4	3724	F3	6241	A4	9605	D3	9795	C3		
2322	F5	2705	F2	3368	E4	3725	G3	6242	A4	9608	F4	9797	D3		
2323	F4	2706	F2	3369	E4	3726	F3	6245	D5	9609	F3	9850	B4		
2325	F5	2707	G3	3370	F4	3727	G3	6246	C5	9610	F5	9852	D4		
2326	F4	2708	F3	3371	F3	3728	F3	6247	B5	9611	G2	9853	G3		
2327	G5	2709	F2	3375	F5	3729	G4	6248	B5	9612	E4	9855	G2		
2328	G5	2710	F2	3376	F5	3730	G4	6300	E5	9615	F5	9876	G4		
2329	G5	2711	G2	3380	G3	3732	E3	6302	G4	9617	F3	9877	G4		
2330	G4	2712	G2	3381	F3	3733	E3	6303	G4	9618	F2	9878	G5		
2331	G4	2713	G5	3385	F3	3734	E3	6310	F5	9619	D2				
2332	G4	2714	G2	3450	A2	3736	F3	6313	F5	9621	F3				
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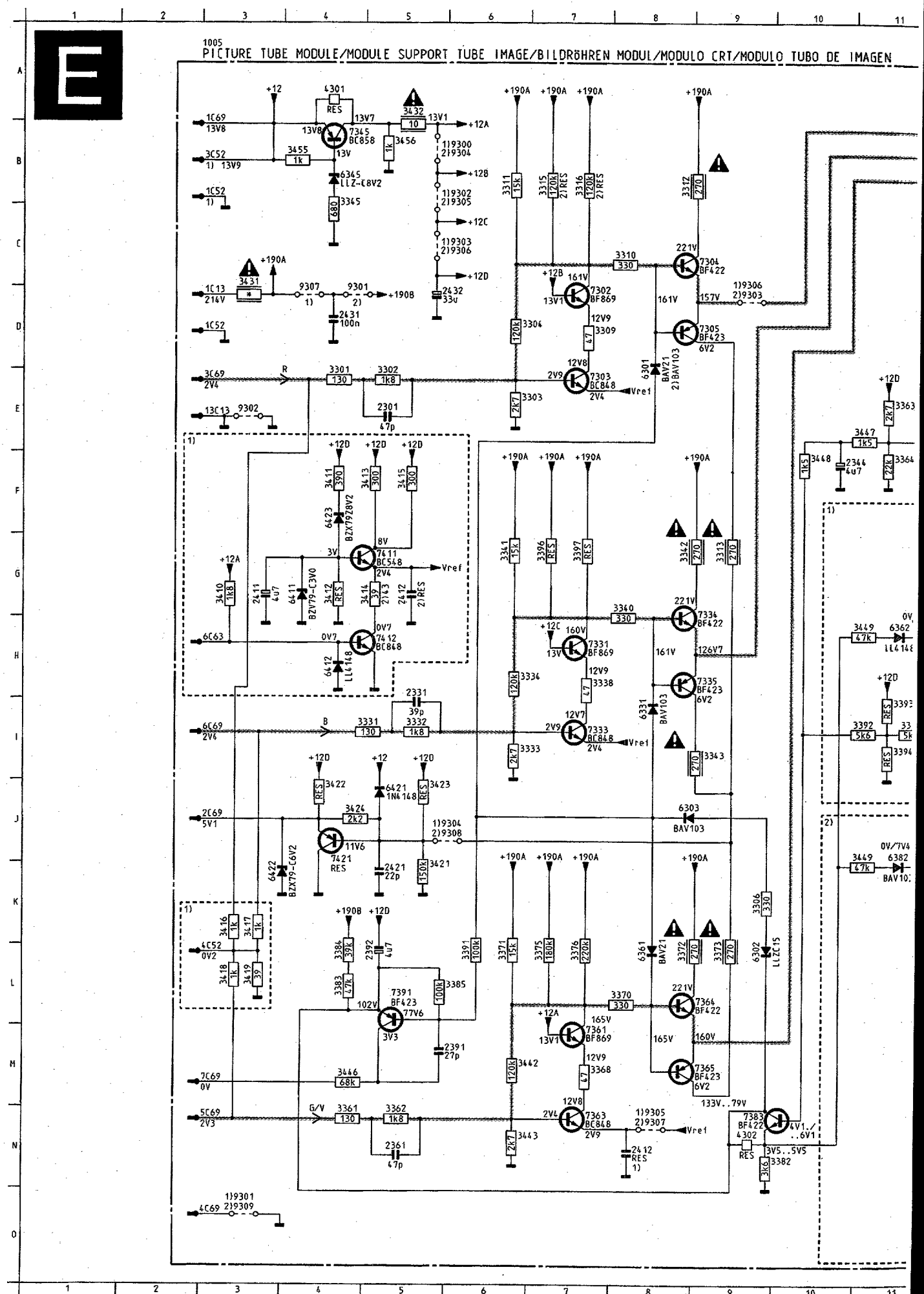
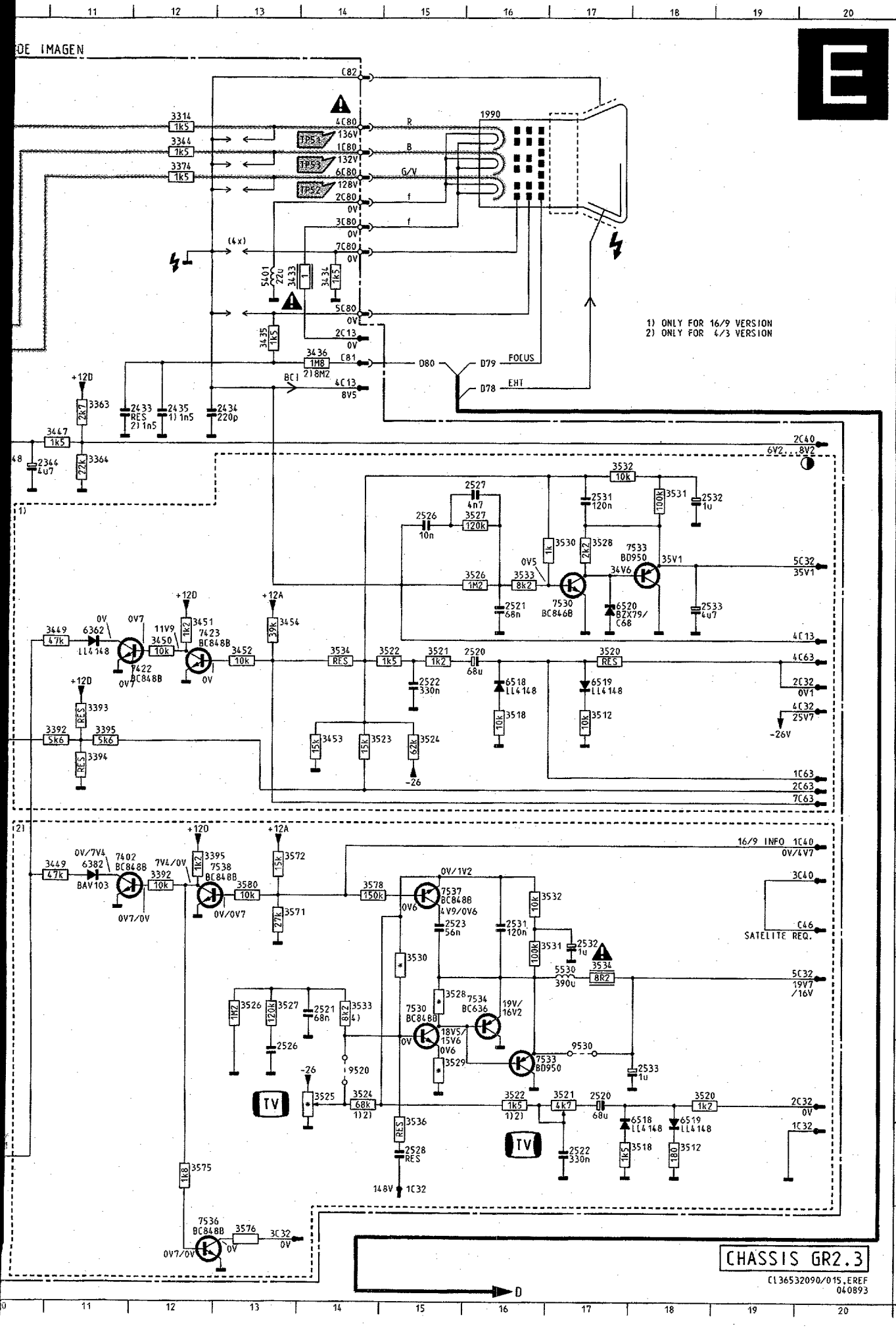
Picture tube panel/Bildröhren platte/Platine TRC





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2361	N 5	3518	N18
2371	E 2	3518	I16
2372	N 2	3520	M18
2373	I 2	3520	H17
2391	M 5	3521	H15
2392	L 5	3521	M17
2411	G 3	3522	H15
2412	N 8	3522	M16
2412	G 5	3523	I14
2421	K 5	3524	M14
2431	D 4	3524	I15
2432	D 5	3525	M14
2433	E11	3526	L13
2434	E13	3526	G16
2435	E12	3527	L13
2520	M17	3527	F16
2520	H16	3528	L15
2521	L14	3528	G17
2521	G16	3529	M15
2522	N17	3530	K15
2522	H15	3530	G17
2523	K15	3531	K16
2526	M13	3531	F18
2526	F15	3532	K16
2527	F16	3532	F17
2528	N15	3533	L14
2531	K16	3533	G16
2531	F17	3534	L17
2532	K17	3534	H14
2532	F18	3536	M15
2533	G18	3571	K13
3301	E 4	3572	J13
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3313	G 9	6301	D 8
3314	B12	6302	L 9
3315	B 7	6303	J 8
3316	B 7	6331	I 8
3331	I 5	6345	B 4
3332	I 5	6361	L 8
3333	I 6	6362	H11
3334	H 6	6382	J11
3338	H 7	6411	G 4
3340	G 8	6412	H 4
3341	G 6	6421	J 5
3342	G 8	6422	K 3
3343	I 9	6423	F 4
3344	B12	6518	N18
3345	B 4	6518	H16
3361	N 4	6519	N18
3362	N 5	6519	H17
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3364	F11	7302	D 7
3368	M 7	7303	E 7
3370	L 8	7304	C 9
3371	L 6	7305	D 9
3372	L 8	7331	H 7
3373	L 9	7333	I 7
3374	B12	7334	H 9
3375	L 7	7335	H 9
3376	L 7	7345	B 4
3382	N 9	7361	M 7
3383	I 4	7363	N 7
3384	L 4	7364	L 9
3385	L 6	7365	M 9
3391	L 6	7383	N 9
3392	K12	7391	L 5
3392	I11	7402	J11
3393	H11	7411	G 5
3394	I11	7412	H 5
3395	J12	7421	J 4
3395	I11	7422	H11
3396	G 7	7423	H12
3397	G 7	7530	L15
3410	G 3	7530	G17
3411	F 4	7533	M16
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3414	G 5	7536	O12
3415	F 5	7537	K15
3416	K 3	7538	K12
3417	K 3	9300	B 6
3418	L 3	9301	O 3
3419	L 3	9301	D 4
3421	J 5	9302	B 6
3422	J 4	9302	E 3
3423	J 5	9303	D 9
3424	J 4	9303	C 6
3431	D 3	9304	B 6
3432	A 5	9304	J 5
3433	C13	9305	B 6
3434	C14	9305	N 8
3435	D13	9306	C 6
3436	D14	9306	D 9
3442	M 6	9307	D 4
3443	N 6	9307	N 8
3446	M 4	9308	J 5
3447	E11	9309	O 3
3448	F10	9530	M17
3449	H11		
3449	J11		
3450	H12		
3451	G12		
3452	H13		
3453	I14		

1005 PICTURE TUBE MODULE 4:3

C13	A1	3342	B2	3520	D4	7402	B4
C32	D3	3343	A3	3521	D4	7411	A4
C40	B4	3344	B2	3522	D4	7421	A4
C46	A4	3345	C4	3524	D4	7530	D2
C69	C4	3361	C4	3525	D4	7533	D2
C80	C1	3362	C4	3526	D1	7534	D2
C81	D1	3363	A4	3527	D1	7536	C4
C82	C1	3364	A4	3528	D2	7537	D3
2301	C3	3368	C4	3529	D2	7538	B4
2331	B4	3370	C3	3530	D4	9301	C2
2344	A4	3371	D3	3531	D2	9302	C2
2361	C4	3371	D3	3532	D2	9303	B2
2391	A2	3372	C2	3533	D2	9304	C3
2392	A2	3373	C3	3534	D3	9305	B3
2393	C4	3374	C1	3571	B4	9306	A4
2411	A3	3375	D3	3572	D3	9307	C3
2412	B4	3376	D3	3575	C4	9308	B4
2421	A3	3382	A4	3576	C4	9309	A4
2431	A2	3383	A2	3578	D3	9520	D4
2432	A2	3384	A1	3580	B4	9530	D3
2433	D1	3385	A2	4301	C4		
2434	C2	3391	A2	4302	A4		
2520	C4	3392	B4	5401	A1		
2521	D2	3395	B4	6301	B2		
2522	D4	3396	B3	6302	A2		
2523	D3	3397	B3	6303	A2		
2526	D1	3411	A3	6331	B2		
2531	D3	3412	A3	6345	C4		
2532	D2	3413	A4	6361	C2		
2533	D3	3414	A4	6382	B4		
3301	C3	3415	A3	6411	A3		
3302	B3	3421	A4	6421	C4		
3303	C3	3422	A4	6422	A4		
3304	C3	3423	A3	6423	A3		
3305	C2	3424	A4	6518	C4		
3306	A2	3431	A2	6519	C4		
3309	B3	3432	C4	7302	B3		
3310	C3	3433	A1	7303	B3		
3311	C3	3434	C1	7304	B2		
3312	C2	3435	C1	7305	B2		
3313	B3	3436	D1	7331	A3		
3314	B1	3442	D3	7333	B4		
3315	C3	3443	C4	7334	A2		
3316	C3	3446	A2	7335	A3		
3331	B4	3447	A4	7345	C4		
3332	B4	3448	A4	7361	C3		
3333	B4	3449	A4	7363	C4		
3334	B3	3455	C4	7364	C2		
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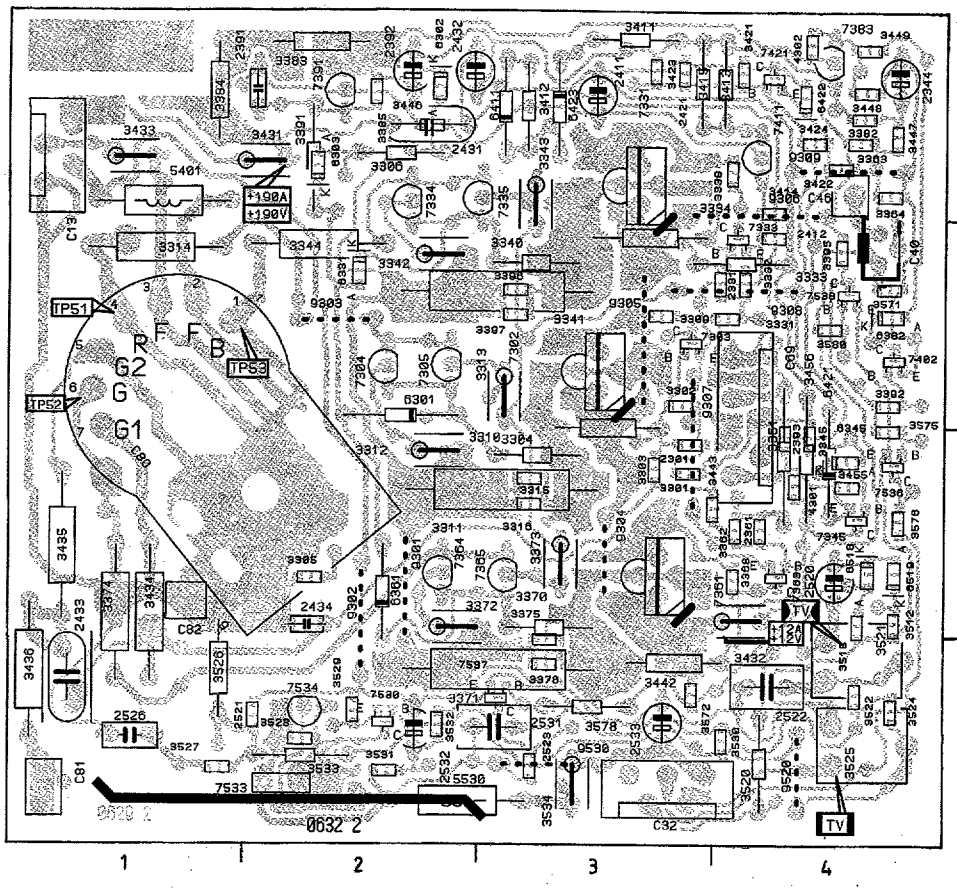
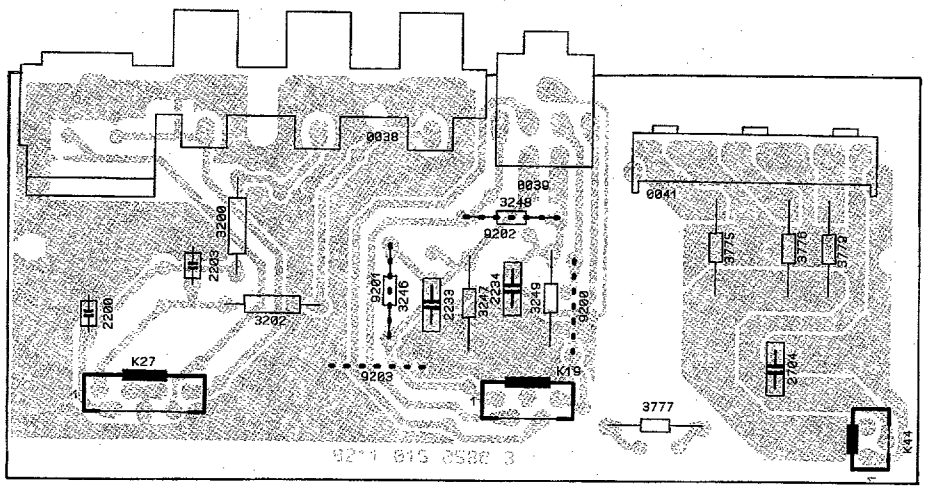
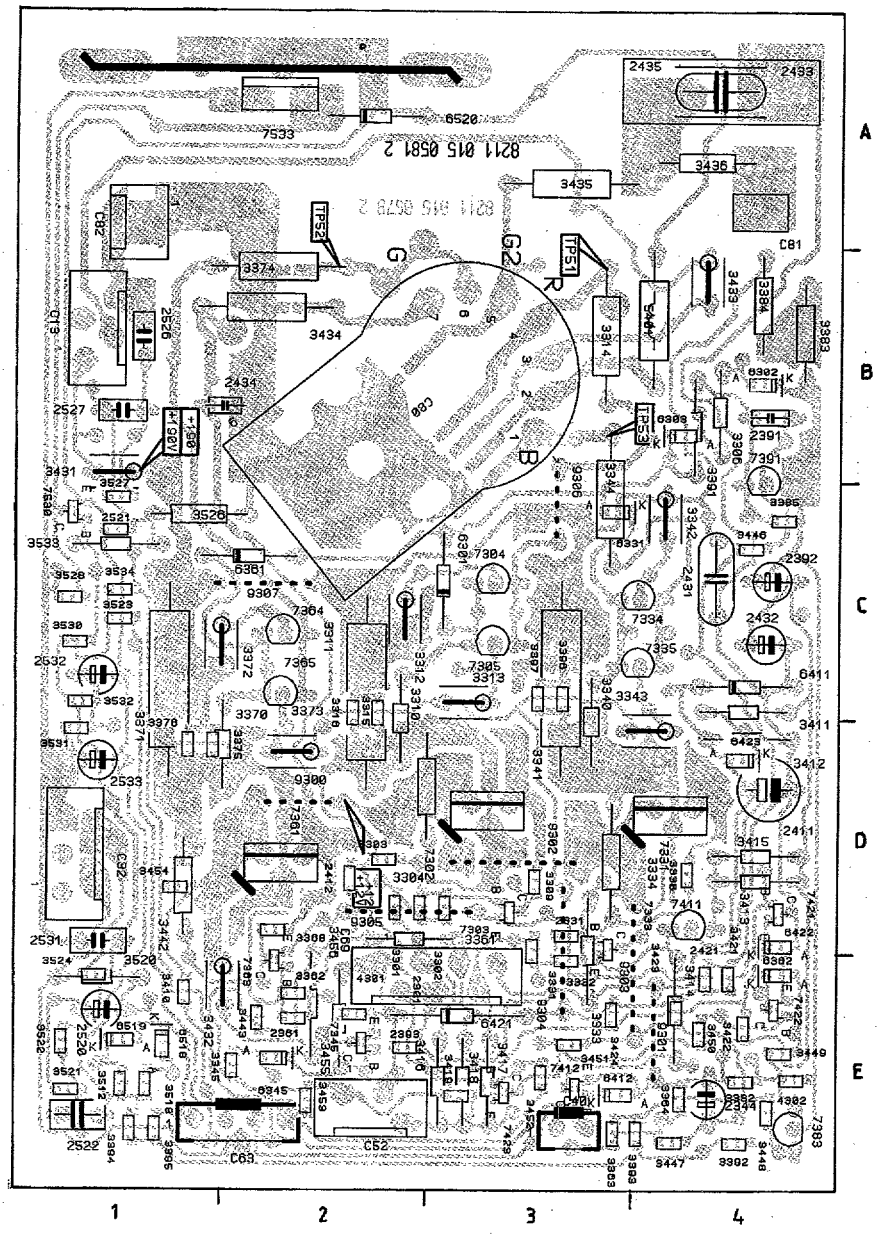
3341	B3	3518	C4	7391	A2		



1060 SEPARATE CONTROL MODULE



1005 PICTURE TUBE MODULE 16:9



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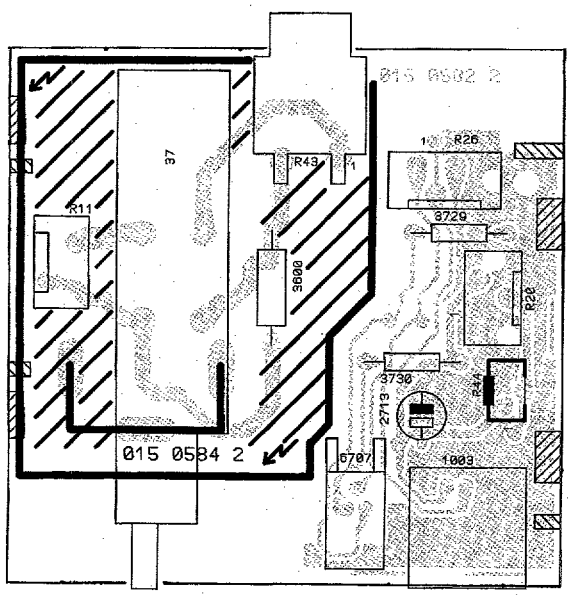
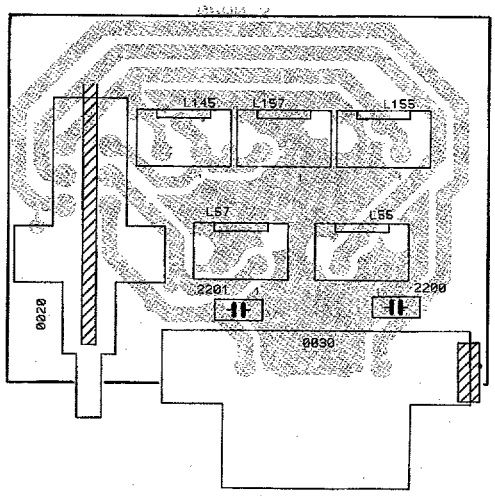
C63	E2	3394	E1	7304	C3
C69	E3	3395	E1	7305	C3
C80	B2	3396	C3	7331	D4
C81	A4	3397	C3	7333	D3
C82	A1	3410	E1	7334	C4
2301	D2	3411	C4	7335	C4
2331	D3	3412	D4	7345	E2
2344	E4	3413	D4	7361	D2
2361	E2	3414	E4	7363	E2
2391	B4	3415	D4	7364	C2
2392	C4	3416	E3	7365	C2
2393	E2	3417	E3	7383	E4
2411	D4	3418	E3	7391	B4
2412	D2	3419	E3	7411	D4
2421	E4	3421	E4	7412	E3
2431	C4	3422	E4	7421	D4
2432	C4	3423	E4	7422	E4
2433	A4	3424	E3	7423	E3
2434	B2	3431	B1	7530	C1
2435	A4	3432	E2	7533	A2
2520	E1	3433	B4	9300	D2
2521	C1	3434	B2	9301	E4
2522	E1	3435	A3	9302	D3
2526	B1	3436	A4	9303	E4
2527	B1	3442	D1	9304	D3
2531	D1	3443	E2	9305	D2
2532	C1	3446	C4	9306	C3
2533	D1	3447	E4	9307	C2
3301	D2	3448	E4		
3302	D3	3449	E4		
3303	D2	3450	E4		
3304	D3	3451	E3		
3306	B4	3452	E3		
3309	D3	3453	E2		
3310	C2	3454	D1		
3311	C2	3455	E2		
3312	C2	3456	E2		
3313	C3	3512	E1		
3314	B3	3518	E1		
3315	C2	3520	E1		
3316	C2	3521	E1		
3331	D3	3523	C1		
3332	E3	3524	E1		
3333	D3	3526	C1		
3334	D3	3527	C1		
3338	D4	3528	C1		
3340	D3	3530	C1		
3341	C3	3531	D1		
3342	C4	3532	C1		
3343	D4	3533	C1		
3344	C3	3534	C1		
3345	E2	4301	E2		
3361	D2	4302	E4		
3362	E2	5401	B4		
3363	E3	6301	C3		
3364	E4	6302	B4		
3368	D2	6303	B4		
3370	D2	6331	C3		
3371	C1	6345	E2		
3372	C2	6361	C2		
3373	D2	6362	E4		
3374	B2	6411	C4		
3375	D1	6412	E3		
3376	D1	6421	E3		
3382	E4	6422	D4		
3383	B4	6423	D4		
3384	B4	6518	E1		

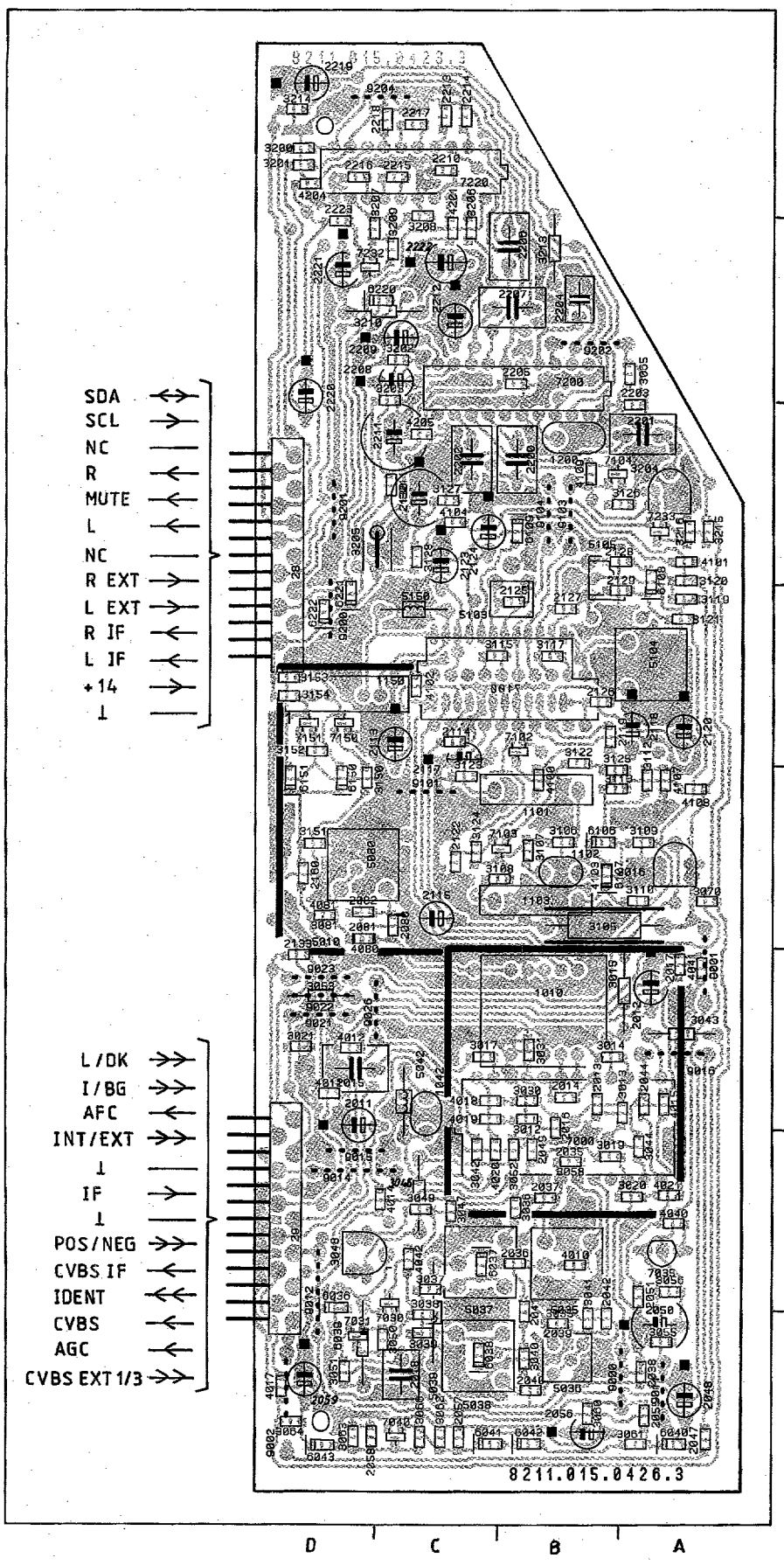
1050 SEPARATE MAINS MODULE



1040 EXTERNAL LOUDSPEAKER MODE



1001 STEREO IF MODULE



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1010	B3	3060	B1	7100	B5
1042	C2	3061	A1	7102	B5
1101	B4	3062	C1	7103	B4
1102	B4	3063	D1	7104	B6
1103	C4	3064	D1	7150	D5
1150	D5	3065	A7	7151	D5
1200	B6	3066	C1	7200	B6
2011	D3	3070	A4	7220	C8
2012	A3	3081	D4	7232	D7
2013	B3	3105	B4	7233	A6
2014	B3	3106	B4	8695	D9
2015	D3	3107	B4	9000	A1
2016	B2	3108	C4	9001	A3
2017	A3	3109	A4	9002	D1
2018	C1	3110	A4	9011	A1
2035	B2	3112	A4	9012	D2
2036	B2	3113	B4	9014	D2
2037	B2	3115	C5	9015	D2
2038	A1	3117	B5	9016	A3
2039	B1	3119	A5	9021	D3
2040	B1	3120	A6	9022	D3
2041	B1	3121	A5	9023	D3
2042	B1	3122	B5	9026	C3
2044	A3	3123	C4	9101	C4
2048	A1	3124	C4	9103	B6
2049	B2	3125	B4	9104	B6
2050	A1	3126	B6	9200	D5
2051	A2	3127	C6	9201	D6
2055	A1	3128	C6	9202	B7
2056	B1	3150	D4	9204	C8
2057	C1	3151	D4		
2058	D1	3152	D5		
2059	D1	3153	D5		
2080	C4	3154	D5		
2081	D4	3200	D8		
2082	D4	3201	D8		
2113	C5	3202	C7		
2114	C5	3203	C6		
2115	C4	3204	A6		
2117	C5	3205	C6		
2118	A5	3206	C7		
2119	B5	3207	D7		
2120	A5	3208	C7		
2122	C4	3209	C7		
2123	C6	3210	C7		
2124	C6	3211	C6		
2125	B5	3213	B7		
2126	B5	3214	D8		
2127	B5	3215	A6		
2128	B6	3216	A6		
2129	B5	4010	B2		
2130	C6	4011	D3		
2133	D3	4012	D3		
2160	D4	4014	C2		
2200	B6	4015	A3		
2201	A6	4017	D1		
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2203	A6	4019	C3		
2204	B7	4020	C2		
2205	B7	4021	A2		
2206	B7	4040	A2		
2207	B7	4041	A3		
2208	C7	4042	C2		
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2210	C8	4081	D4		
2211	C6	4100	B4		
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2213	C8	4102	C5		
2214	C8	4103	B4		
2215	C8	4104	C6		
2216	D8	4107	A4		
2217	C8	4108	A4		
2218	C8	4109	B6		
2219	D8	4201	C7		
2220	D7	4204	D8		
2221	D7	4205	C6		
2222	C7	5010	D3		
2223	D7	5035	B2		
3012	B3	5036	B1		
3013	A3	5037	C2		
3014	B3	5038	C1		
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3016	A4	5042	C3		
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3019	B2	5103	C5		
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3040	B1	6042	B1		
3041	B1	6043	D1		
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3043	A3	6107	B4		
3044	A2	6108	A5		
3046	C2	6109	B6		
3047	C2	6150	D4		
3048	D2	6151	D4		
3049	C2	6220	C7		
3050	C1	6221	D5		
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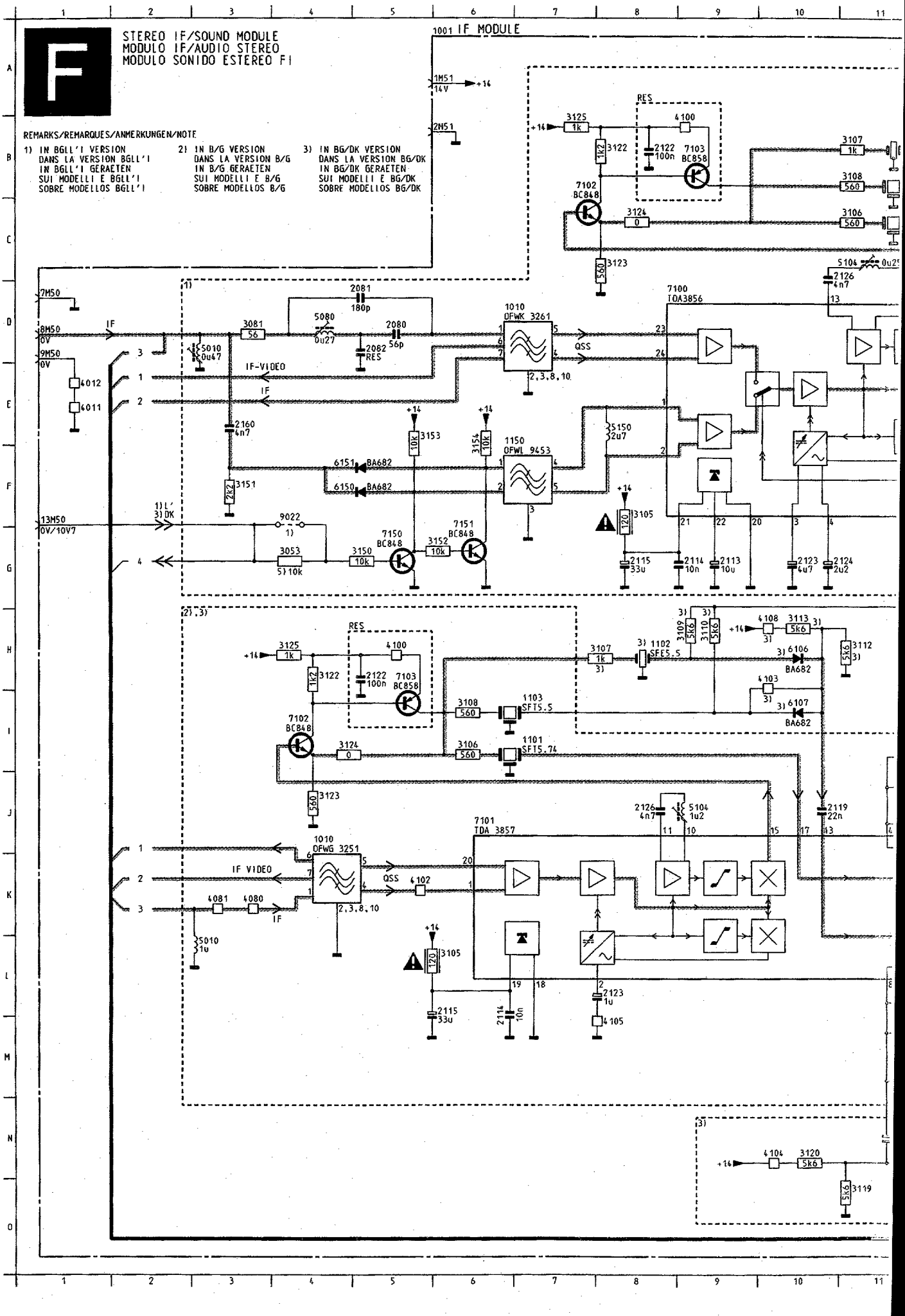
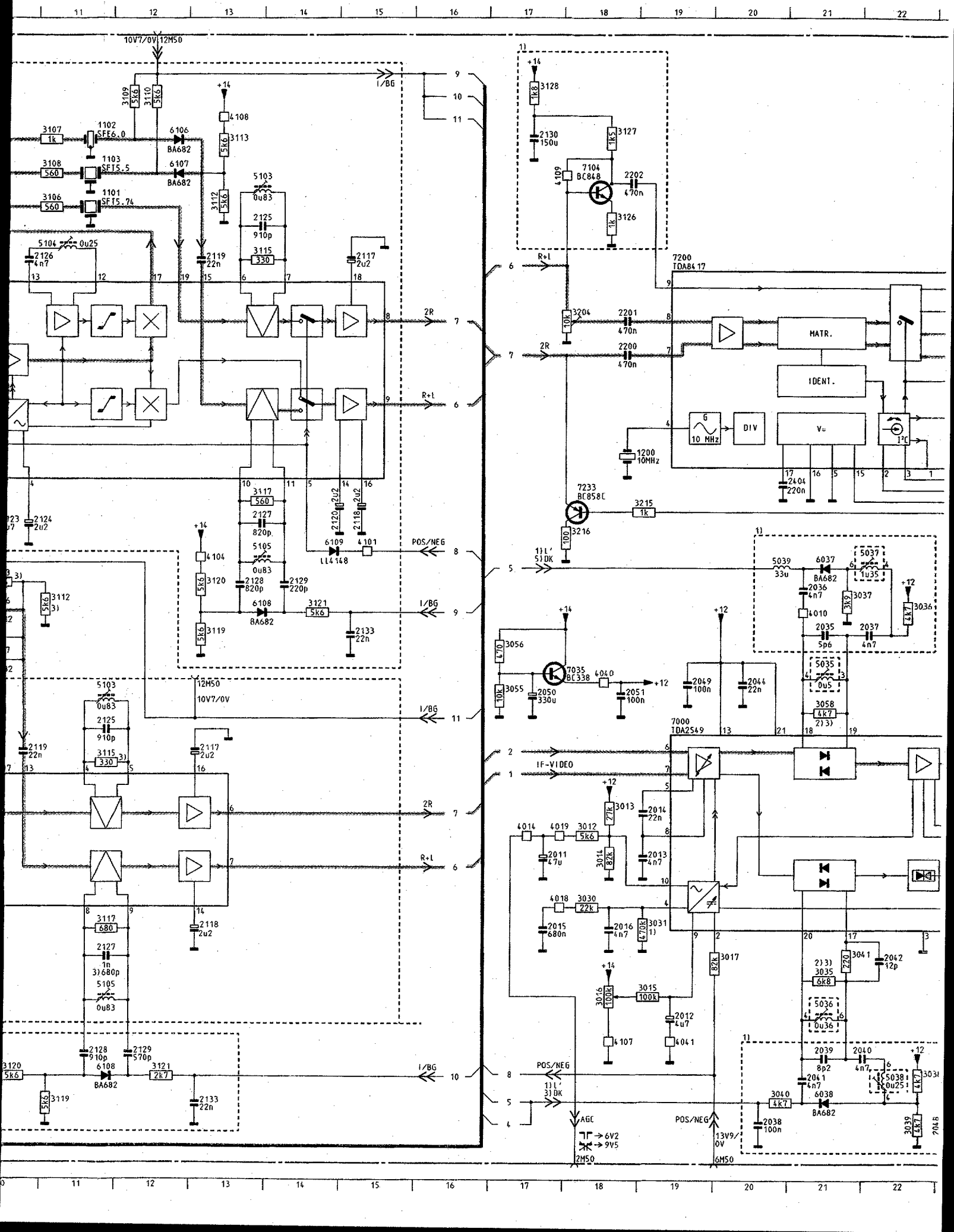
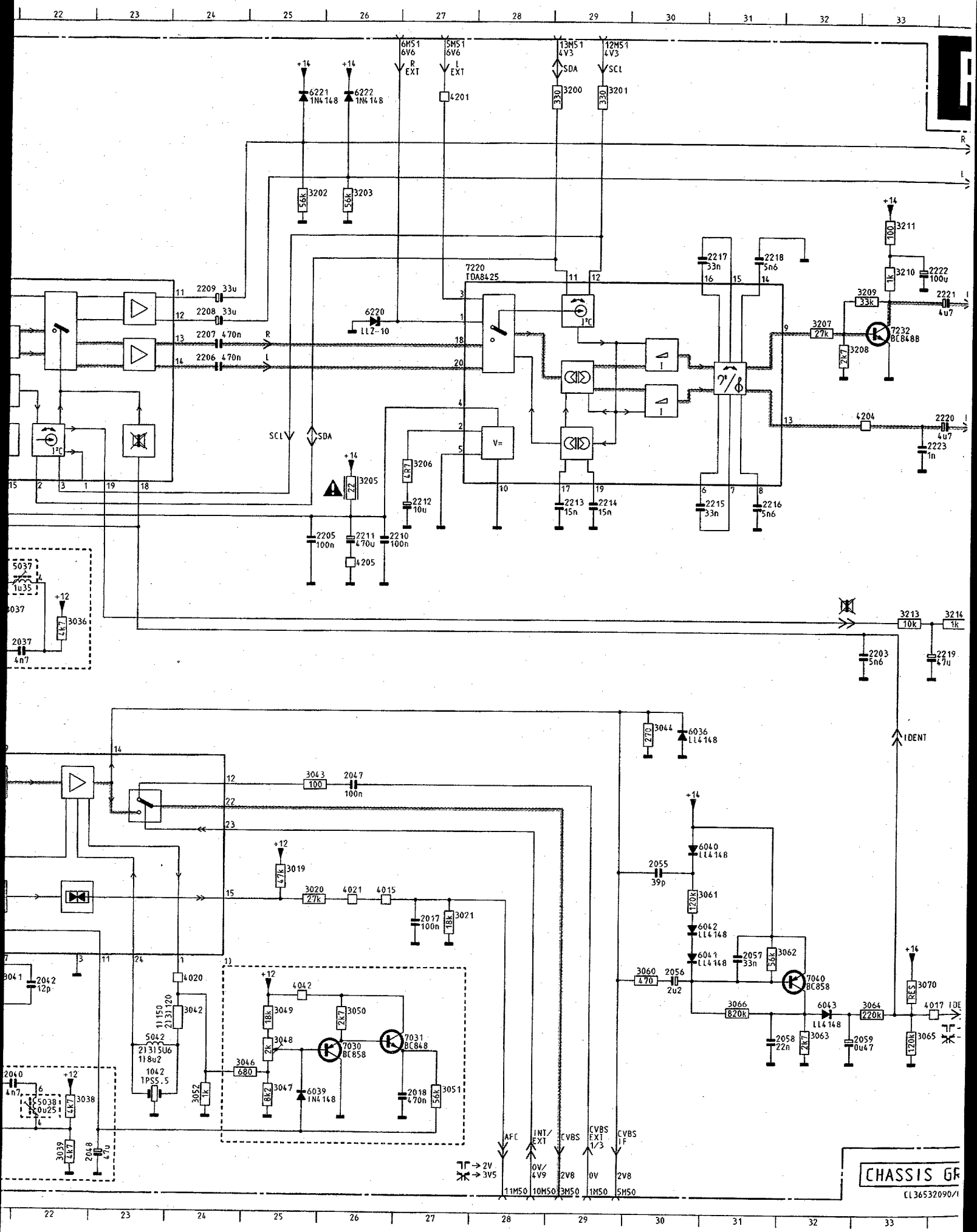
Stereo IF-Sound module/Stereo ZF-Tonmodule/



Module FI-Son Stereo

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5M51 6V6 L EXT
13M51 4V3 SDA
12M51 4V3 SCL
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4201
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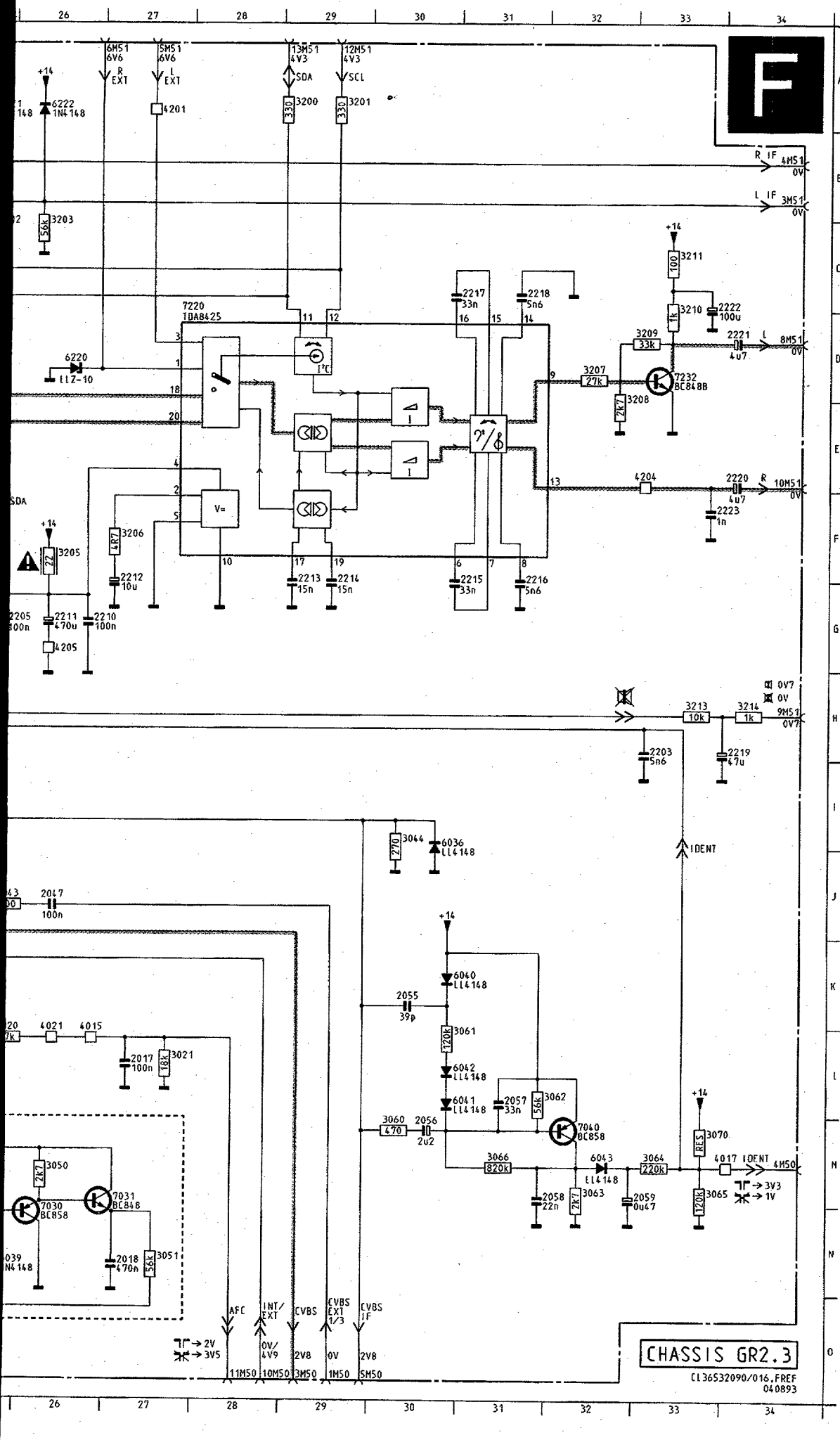
3201
3202 56k
3203 56k
7220 TDA8425
6220 LLZ-10
2209 33u
2208 33u
2207 470n
2206 470n
SCL
SDA
3205 22
3206 4R7
2212 10u
2205 100n
2211 470u
2210 100n
4205
2213 15n
2214 15n
2215 33n
2216 5n6
2217 33n
2218 5n6
3211 100
3210 1k
2222 100u
3209 33k
2221 4u7
3207 27k
7232 BC848B
3208 2k7
4204
2220 4u7
2223 1n
5037 1u35
3036 4k7
2037 4n7
3213 10k
3214 1k
2203 5n6
2219 47u
IDENT
3044 270
6036 LL4148
3043 100
2047 100n
3019 47k
3020 27k
4021
4015
2017 100n
3021 18k
4020
4042
3049 18k
3050 2k7
3048 2k
7030 BC858
7031 BC848
3046 680
3047 8k2
6039 1N4148
2018 470n
3051 56k
3052 1k
3042 11150 2131120
5042 2131SU6 118u2
1042 TPS5.5
2041 2042 12p
2040 4n7
5038 0u25
3038 4k7
3039 4k7
2048 47u
6040 LL4148
2055 39p
3061 120k
6042 LL4148
6041 LL4148
2057 33n
3062 56k
7040 BC858
3060 470
2056 2u2
3066 820k
6043 LL4148
3064 220k
2058 22n
3063 2k7
2059 0u47
3070 RES
3065 120k
4017
AFC
INT/EXT
CVBS
CVBS EXT 1/3
CVBS IF
→2V →3V5
0V/4V9
2V8
0V
2V8
11M50
10M50
3M50
1M50
5M50
CHASSIS GR
CL36532090/



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	1102	B11	3050	M26	5104	C11
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	1103	B11	3052	N24	5105	M11
	1103	I 7	3053	G 4	5150	E 8
	1150	F 6	3055	I17	6036	I30
	1200	F18	3056	I17	6037	G21
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	2012	N19	3060	M30	6039	N25
	2013	K19	3061	K30	6040	K30
	2014	K19	3062	L31	6041	L30
	2015	L17	3063	M32	6042	L30
	2016	L18	3064	M33	6043	M32
	2017	L27	3065	M33	6106	B12
	2018	N27	3066	M31	6106	H10
C	2035	H21	3070	M33	6107	B12
	2036	H21	3081	D 3	6107	I10
	2037	H22	3105	F 8	6108	H13
	2038	O20	3105	L 6	6108	N11
	2039	N21	3106	C11	6109	G14
	2040	N22	3106	I 6	6150	F 5
	2041	N21	3107	B11	6151	F 5
D	2042	M22	3107	H 8	6220	D26
	2044	I20	3108	B11	6221	A25
	2047	J26	3108	I 6	6222	A26
	2048	O23	3109	A12	7000	J19
	2049	I19	3109	H 9	7030	N26
	2050	I17	3110	A12	7031	M27
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	2055	K30	3112	C13	7040	M32
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	2058	M31	3113	H10	7102	B 7
	2059	M33	3115	C13	7102	I 4
	2080	D 5	3115	J11	7103	B 9
	2081	D 5	3117	G13	7103	H 5
	2082	D 5	3117	L11	7104	B18
F	2113	G 9	3119	H13	7150	G 5
	2114	G 9	3119	O11	7151	G 6
	2114	L 6	3120	H13	7200	D19
	2115	G 8	3120	N10	7220	D27
	2115	L 6	3121	H14	7232	D33
	2117	C15	3121	N12	7233	G18
	2117	J13	3122	B 8	9022	F 4
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	2120	G14	3124	I 4		
	2122	B 8	3125	H 4		
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	2124	G10	3128	A17		
	2125	C13	3150	G 5		
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	2126	C10	3152	G 6		
	2126	J 8	3153	E 5		
	2127	G13	3154	E 6		
	2127	M11	3200	A29		
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	2128	N11	3202	B25		
	2129	H14	3203	B26		
	2129	N12	3204	D18		
	2130	B17	3205	F26		
	2133	H15	3206	F27		
	2133	D13	3207	D32		
J	2160	E 3	3208	D32		
	2200	E18	3209	D33		
	2201	D18	3210	C33		
	2202	B18	3211	C33		
	2203	H33	3213	H33		
	2205	G25	3214	H34		
	2206	E24	3215	G19		
	2207	D24	3216	G18		
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	2209	D24	4011	E 1		
	2210	G26	4012	E 1		
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	2213	G29	4017	M34		
	2214	G29	4018	L17		
	2215	G31	4019	K17		
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	2217	C31	4021	L26		
	2218	C31	4040	I18		
	2219	H34	4041	N19		
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	2222	C33	4081	K 3		
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	3012	K18	4101	G15		
	3013	K18	4102	K 5		
	3014	K18	4103	H10		
	3015	M19	4104	G13		
	3016	M18	4104	N10		
	3017	M20	4105	M 8		
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	3021	L27	4108	H10		
	3030	L18	4109	B17		
	3031	L19	4201	A27		
	3035	M21	4204	E33		
	3036	H22	4205	G26		
	3037	H21	5010	L 3		
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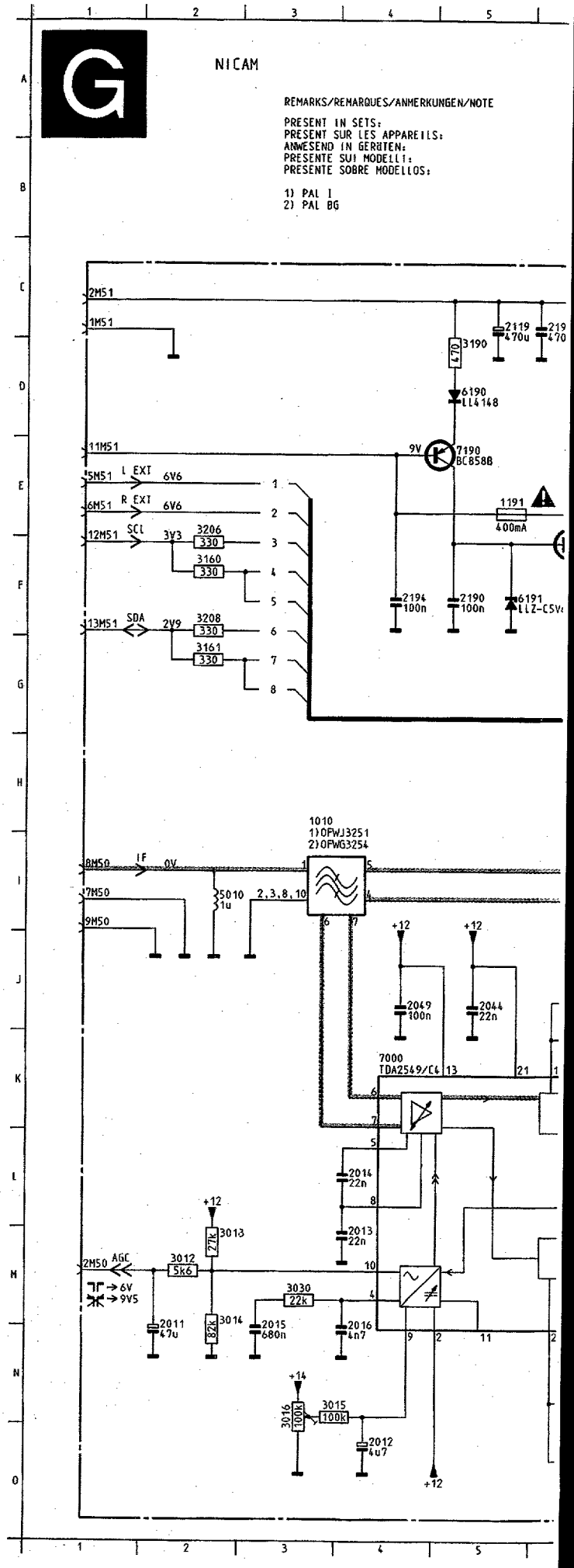
Nicam IF-So


G
NICAM
REMARKS/REMARQUES/ANMERKUNGEN/NOTE
PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:
1) PAL I
2) PAL BG
2M51
1M51
3190
470
2119
470u
6190
LL4148
11M51
9V
7190
BC858B
5M51
L EXT
6V6
6M51
R EXT
6V6
12M51
SCL
3V3
3206
330
3160
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1191
400mA
2194
100n
2190
100n
6191
13M51
SDA
2V9
3208
330
3161
330
1010
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2)OFWG3254
8M50
IF
0V
7M50
9M50
5010
1u
2,3,8,10
+12
2049
100n
2044
22n
7000
TDA2549/C4
2014
22n
2013
22n
2M50
AGC
3012
5k6
3013
27k
→6V
→9V5
2011
47u
3014
82k
2015
680n
3030
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2016
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+14
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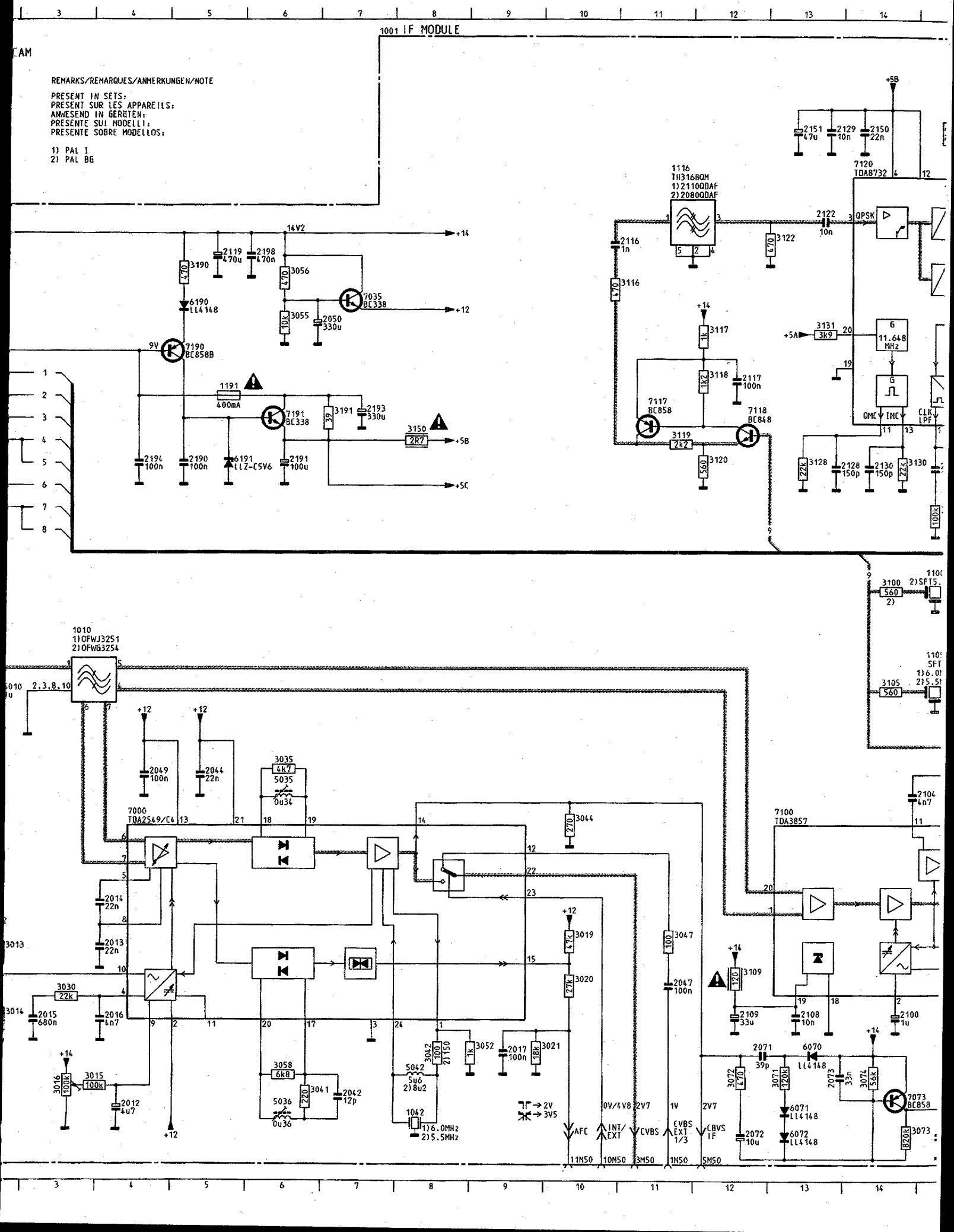
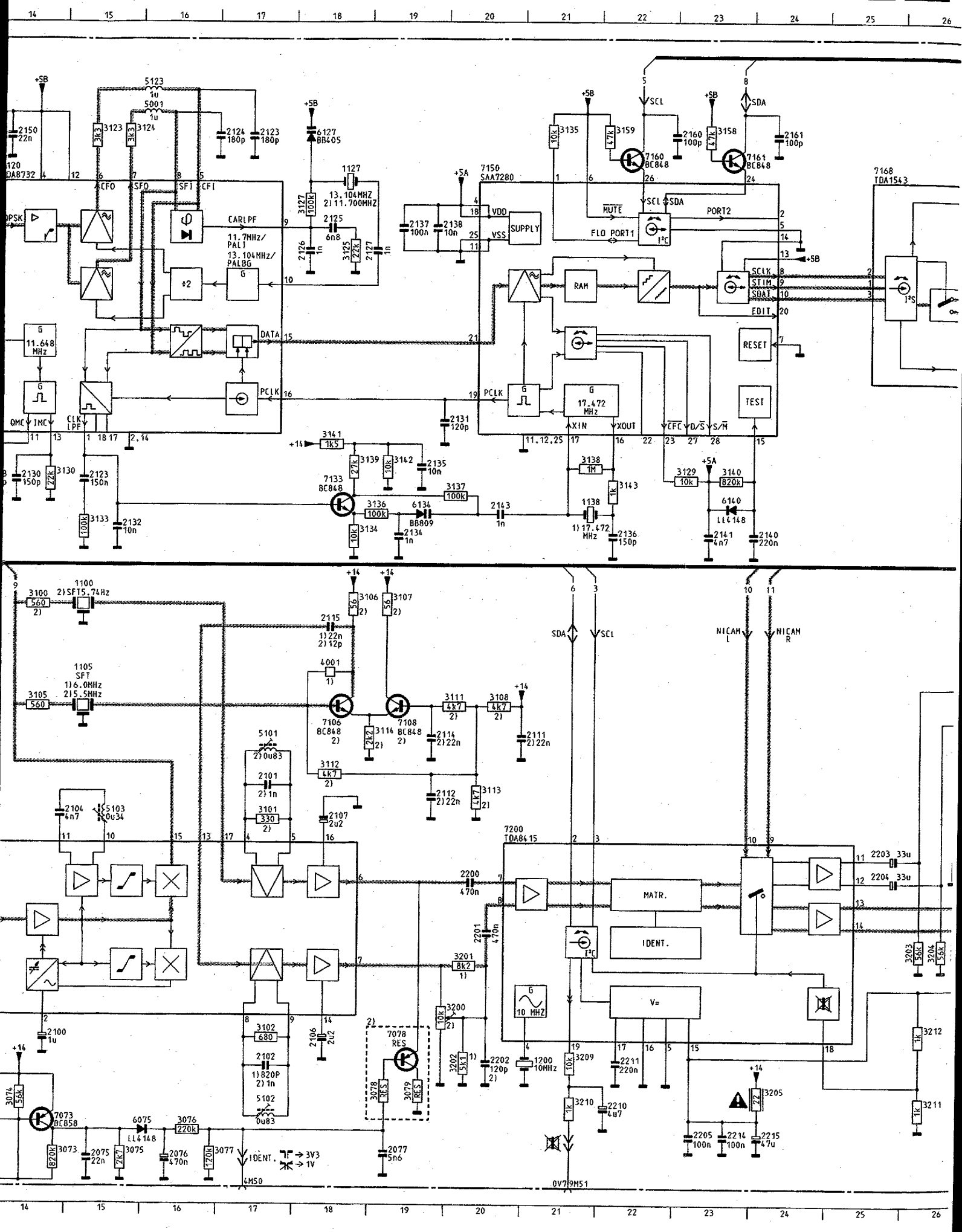
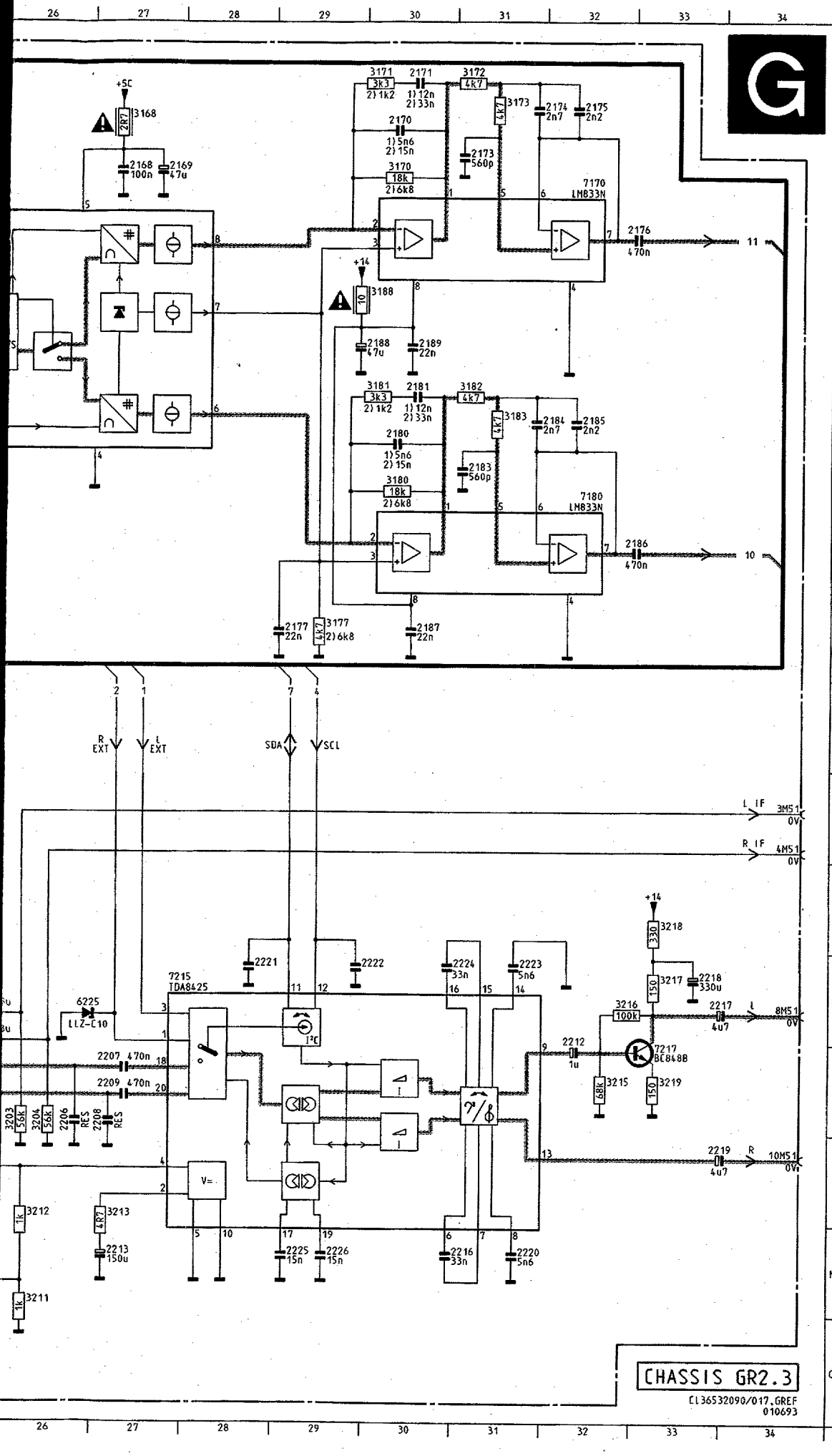
100k
3015
100k
2012
4u7

Nicam IF-Sound module/Nicam ZF-Tonmodule/



Module FI-Son Nicam





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A	1116	B11	3016	N 3	7000	K 4
	1127	B18	3019	L10	7035	D 7
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	1191	E 5	3021	N 9	7078	N19
	1200	N21	3030	M 3	7100	K13
	2011	N 2	3035	J 6	7106	I18
	2012	O 4	3041	N 6	7108	I19
	2013	M 4	3042	N 8	7117	E11
B	2014	L 4	3044	K10	7118	F12
	2015	N 3	3047	L11	7120	B14
	2016	N 4	3052	N 9	7133	F18
	2017	N 9	3055	D 6	7150	B20
	2042	O 7	3056	D 6	7160	B22
	2044	J 5	3058	N 6	7161	B23
	2047	M11	3071	N13	7168	B25
	2049	J 4	3072	N12	7170	B32
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	2075	O15	3077	O16	7215	K27
	2076	O16	3078	N19	7217	L33
	2077	O19	3079	N19		
D	2100	N14	3100	H14		
	2101	J17	3101	K17		
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	2104	K14	3105	I14		
	2106	N18	3106	H18		
	2107	K18	3107	H19		
	2108	N13	3108	I20		
	2109	N12	3109	M12		
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	2112	J19	3112	J18		
	2114	J19	3113	J20		
	2115	H18	3114	I19		
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	2117	E12	3117	D12		
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	2127	C18	3127	C18		
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	2135	F19	3135	B21		
	2136	G22	3136	G19		
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	2177	G29	3177	G29		
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	2183	E31	3182	D31		
	2184	E31	3183	E31		
	2185	E32	3188	C30		
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	2207	L27	3216	K32		
	2208	L27	3217	K33		
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	2219	M33	5103	K15		
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	2223	K31	6072	O13		
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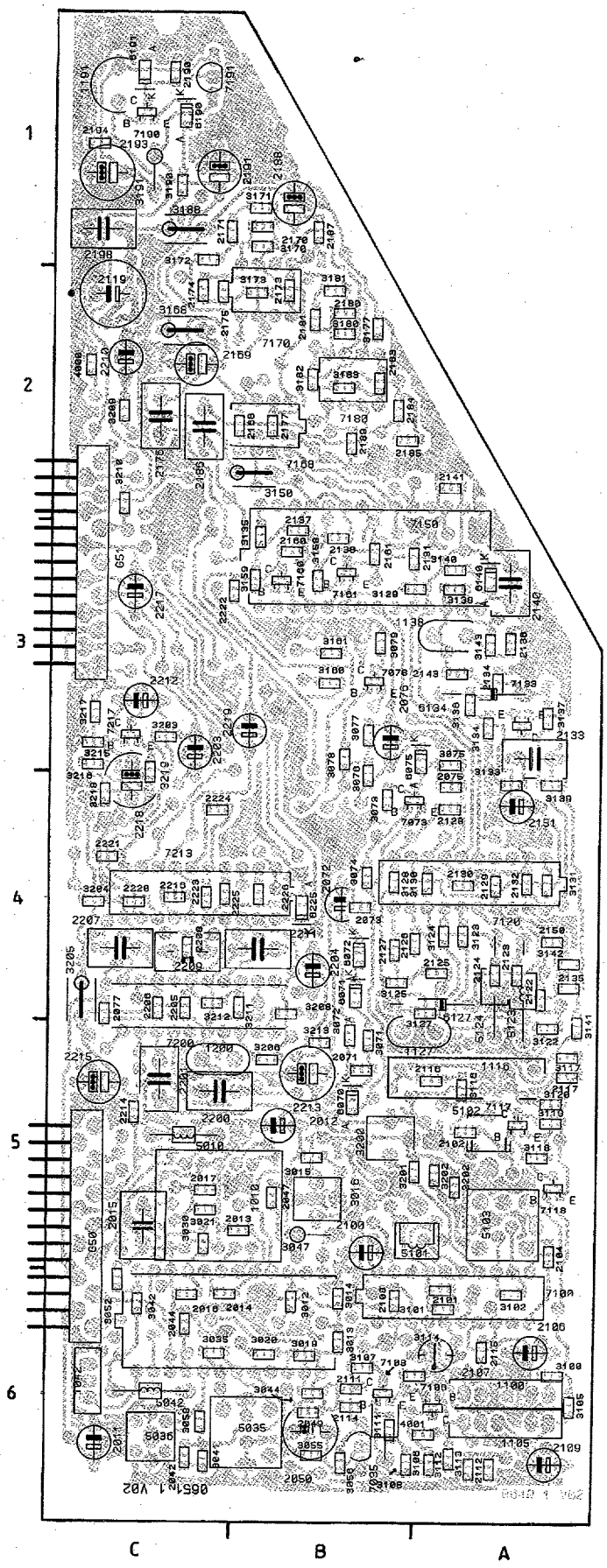
CHASSIS GR2.3

CL36532090/017.GREF
010693

1001 NICAM IF MODULE



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1116	A5	2219	C4	3217	C3
1127	B5	2220	C4	3218	C4
1138	B3	2221	C4	3219	C4
1191	C1	2222	C3	4000	C2
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2011	C6	2224	C4	5010	C5
2012	B5	2225	C4	5035	C6
2013	C6	2226	C4	5036	C6
2014	C6	3012	B6	5042	C6
2015	C6	3013	B6	5101	B6
2016	C6	3014	B6	5102	A5
2017	C5	3015	B5	5103	A5
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2044	C6	3019	B6	5124	A5
2047	B5	3020	B6	6070	B5
2049	B6	3021	C5	6071	B5
2050	B6	3030	C6	6072	B4
2071	B5	3035	C6	6075	B4
2072	B4	3041	C6	6127	B5
2073	B4	3042	C6	6134	A3
2075	A4	3044	B6	6140	A3
2076	B4	3047	B6	6190	C1
2077	C5	3052	C6	6191	C1
2100	B6	3055	B6	6225	B4
2101	B6	3056	B6	7000	C6
2102	A5	3058	C6	7035	B6
2104	A6	3071	B5	7073	B4
2106	A6	3072	B5	7078	B3
2107	B6	3073	B4	7100	B6
2108	B6	3074	B4	7106	B6
2109	A6	3075	A4	7108	B6
2111	B6	3076	B4	7117	A5
2112	A6	3077	B4	7118	A5
2114	B6	3078	B4	7120	A4
2115	A6	3079	B3	7133	A4
2116	B5	3100	A6	7150	C3
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2176	C2	3142	A4		
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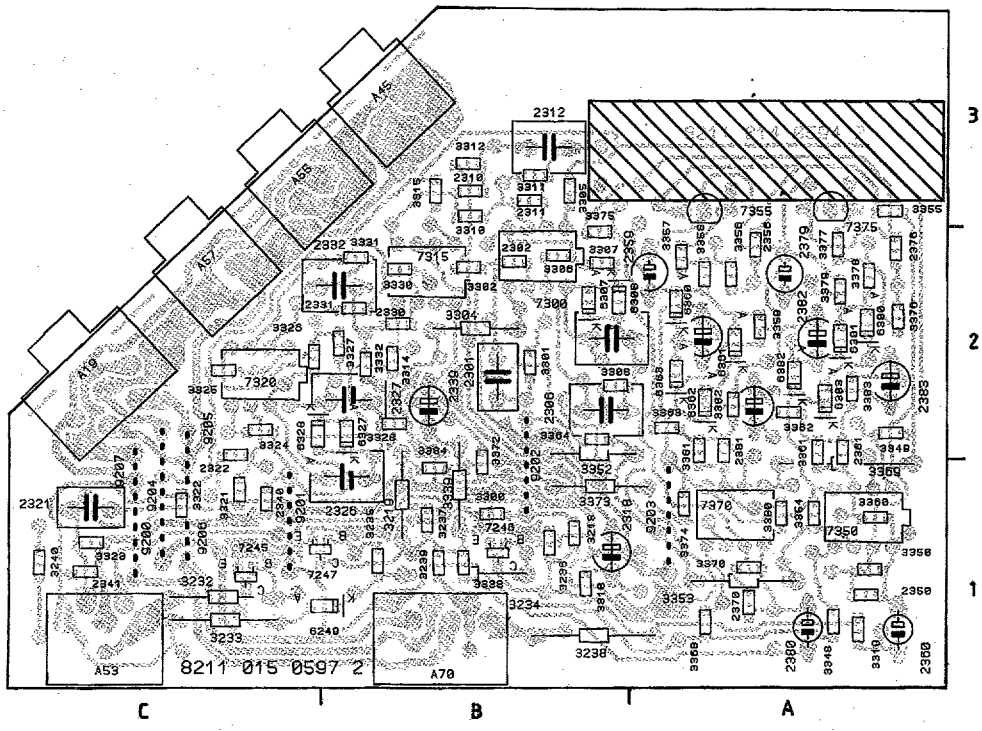
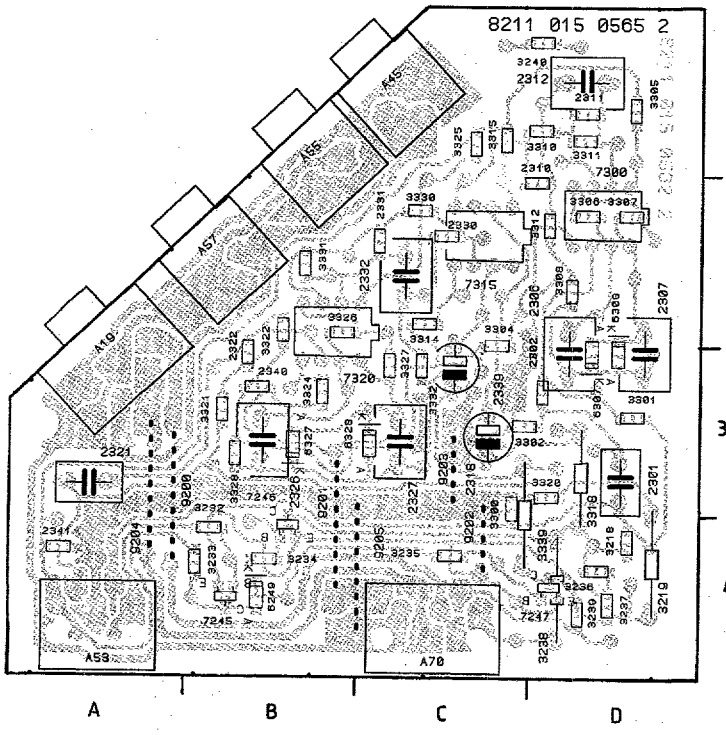
2183	B2	3159	C3		
2184	B2	3160	B3		
2185	B2	3161	B3		
2186	C2	3168	C2		
2187	B2	3170	C2		
2188	B1	3171	C1		
2189	B2	3172	C2		
2190	C1	3173	C2		
2191	C1	3177	B2		
2193	C1	3180	B2		
2194	C1	3181	B2		
2198	C2	3182	B2		
2200	C5	3183	B2		
2201	C5	3188	C2		
2202	A5	3190	C1		
2203	C4	3191	C1		
2204	B5	3200	B5		
2205	C5	3201	B5		
2206	C5	3202	B5		
2207	C4	3203	C4		
2208	C4	3204	C4		
2209	C4	3205	C5		
2210	C2	3206	B5		
2211	C4	3208	B5		
2212	C3	3209	C2		

1104 AUDIO 2 MODULE



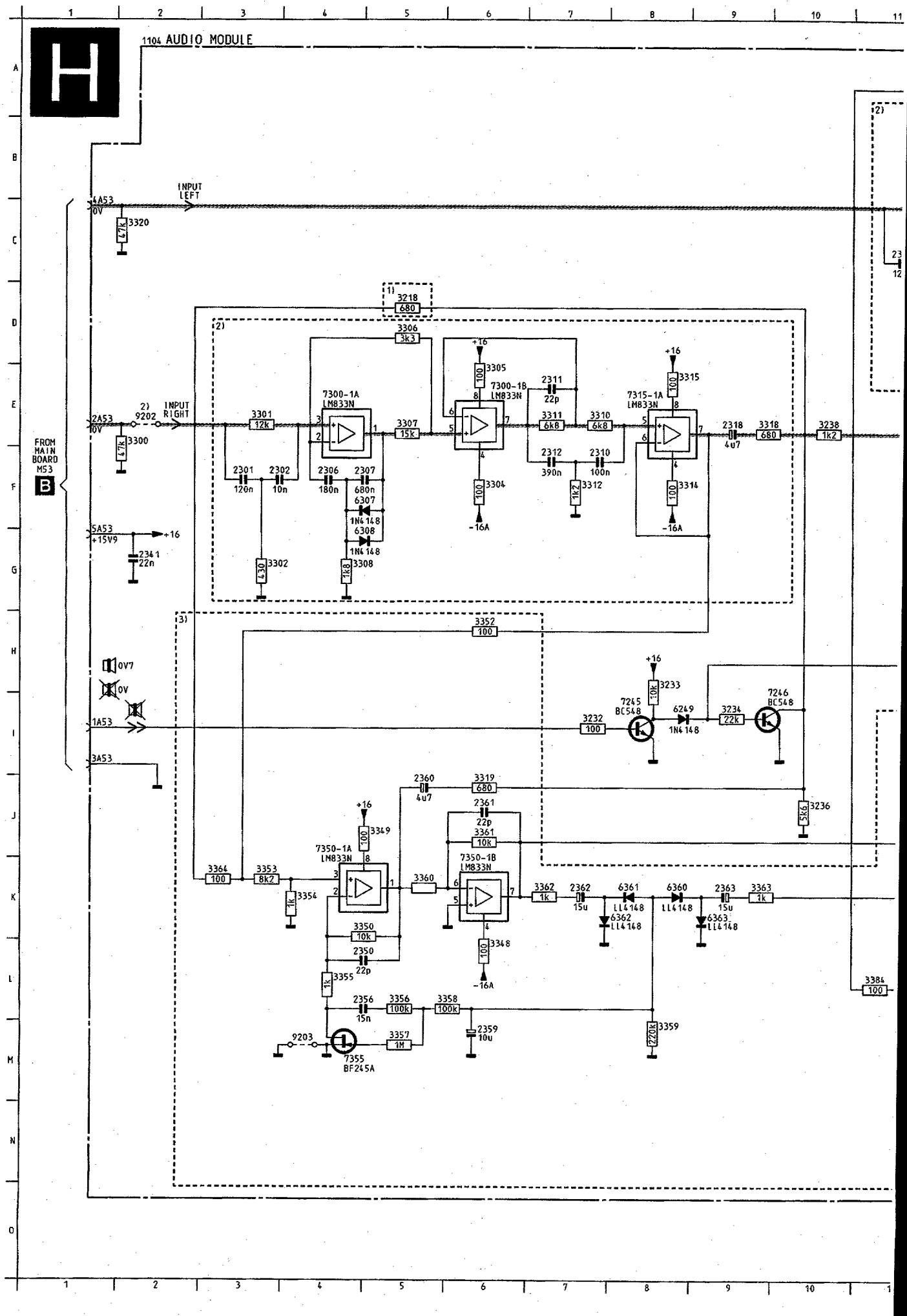
A19	C2	3239	B1	3369	A2
A45	B3	3240	C1	3370	A1
A53	C1	3300	B1	3372	B2
A55	B3	3301	B2	3373	B1
A57	C2	3302	B2	3374	A1
A70	B1	3304	B2	3375	B3
2301	B2	3305	B3	3376	A2
2302	B2	3306	B2	3377	A2
2306	B2	3307	B2	3378	A2
2307	B2	3308	B2	3379	A2
2310	B3	3310	B3	3380	A1
2311	B3	3311	B3	3381	A2
2312	B3	3312	B3	3382	A2
2318	B1	3314	B2	3383	A2
2321	C1	3315	B3	3384	B2
2322	C2	3318	B1	6249	B1
2326	B1	3319	A1	6307	B2
2327	B2	3320	C1	6308	B2
2330	B2	3321	C1	6327	B2
2331	B2	3322	C1	6328	C2
2332	B2	3324	C2	6360	A2
2339	B2	3325	C2	6361	A2
2340	C1	3326	C2	6362	A2
2341	C1	3327	B2	6363	A2
2350	A1	3328	B2	6380	A2
2356	A2	3330	B2	6381	A2
2359	A2	3331	B2	6382	A2
2360	A1	3332	B2	6383	A2
2361	A2	3338	B1	7245	C1
2362	A2	3339	B1	7246	B1
2363	A2	3348	A1	7247	C1
2370	A1	3349	A2	7300	B2
2376	A2	3350	A1	7315	B2
2379	A2	3352	B2	7320	C2
2380	A1	3353	A1	7350	A1
2381	A2	3354	A1	7355	A3
2382	A2	3355	A3	7370	A1
2383	A2	3356	A2	7375	A3
3218	B1	3357	A2	9200	C1
3219	B1	3358	A2	9201	C1
3232	C1	3359	A2	9202	B2
3233	C1	3360	A1	9203	A1
3234	B1	3361	A2	9204	C1
3235	B1	3362	A2	9205	C1
3236	B1	3363	A2	9206	C1
3237	B1	3364	B2	9207	C1
3238	B1	3368	A1		

1104 AUDIO 1 MODULE

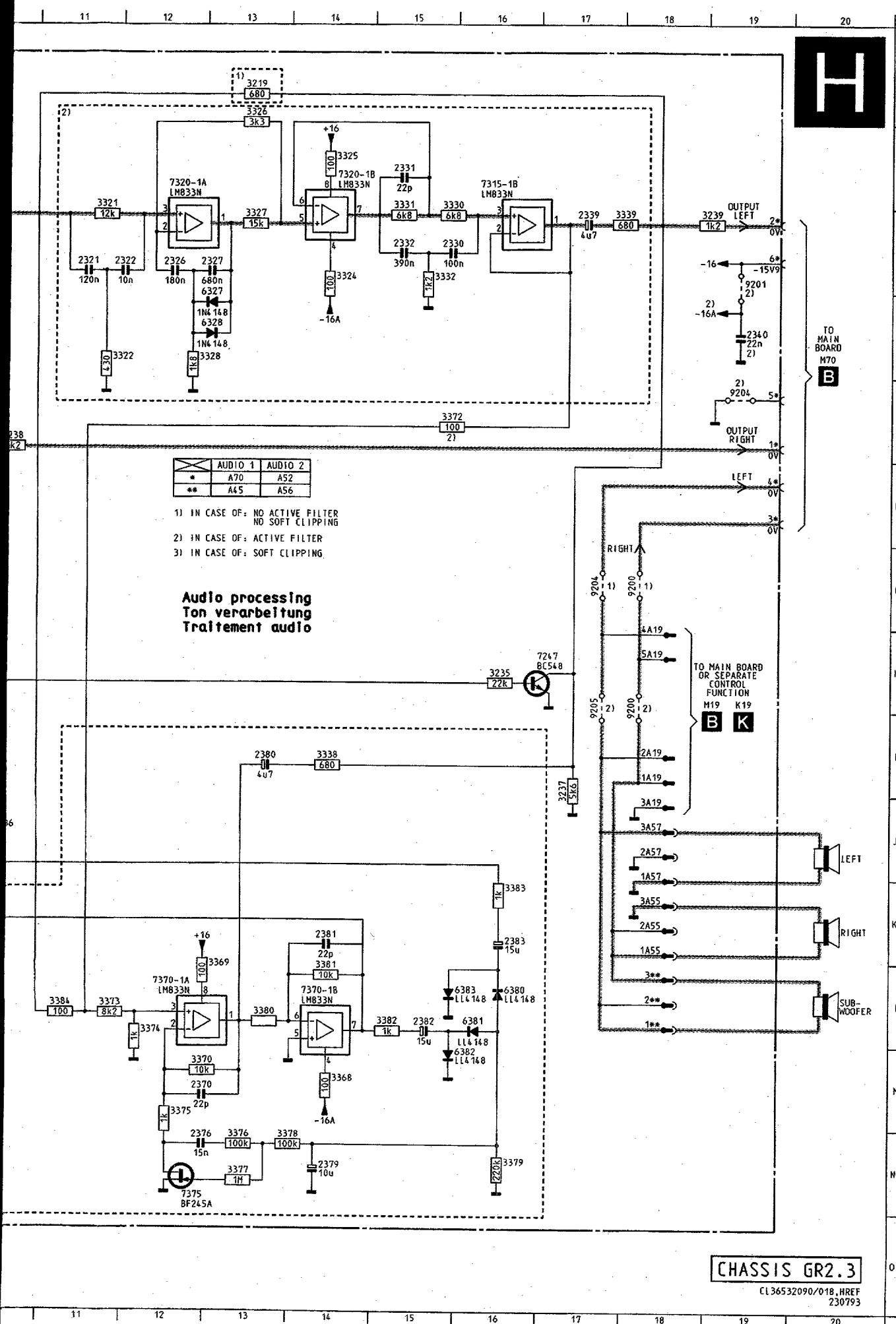


A19	A2	3310	D1
A45	C1	3311	D1
A53	A4	3312	D2
A55	C1	3314	C2
A57	B2	3315	C1
A70	C4	3318	D3
2301	D3	3320	D3
2302	D3	3321	B3
2306	D3	3322	B2
2307	D3	3324	B3
2310	D2	3325	C1
2311	D1	3326	B2
2312	D1	3327	C3
2318	C3	3328	B3
2321	A3	3330	C2
2322	B3	3331	B2
2326	B3	3332	C3
2327	C3	3339	D3
2330	C2	6249	B4
2331	C2	6307	D3
2332	C2	6308	D3
2339	C3	6327	B3
2340	B3	6328	C3
2341	A4	7245	B4
3218	D4	7246	B4
3219	D4	7247	D4
3232	B4	7300	D2
3233	B4	7315	C2
3234	B4	7320	C3
3235	C4	9200	A3
3236	D4	9201	B4
3237	D4	9202	C4
3238	D4	9203	C3
3239	D4	9204	A3
3300	C3	9205	C4
3301	D3		
3302	D3		
3304	C2		
3305	D1		
3306	D2		
3307	D2		
3308	D2		

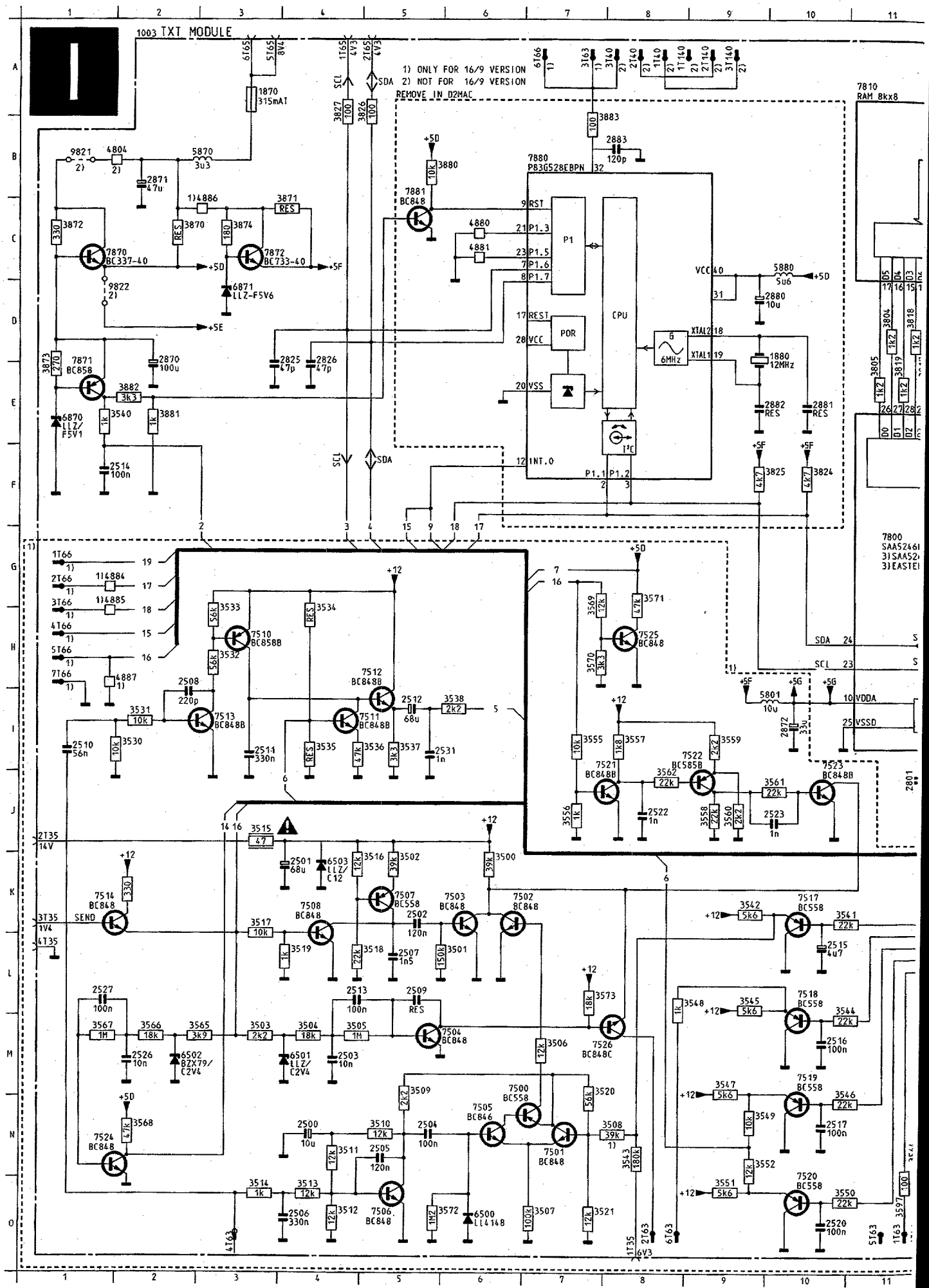
Audio amplification/Ton-Verstärker/

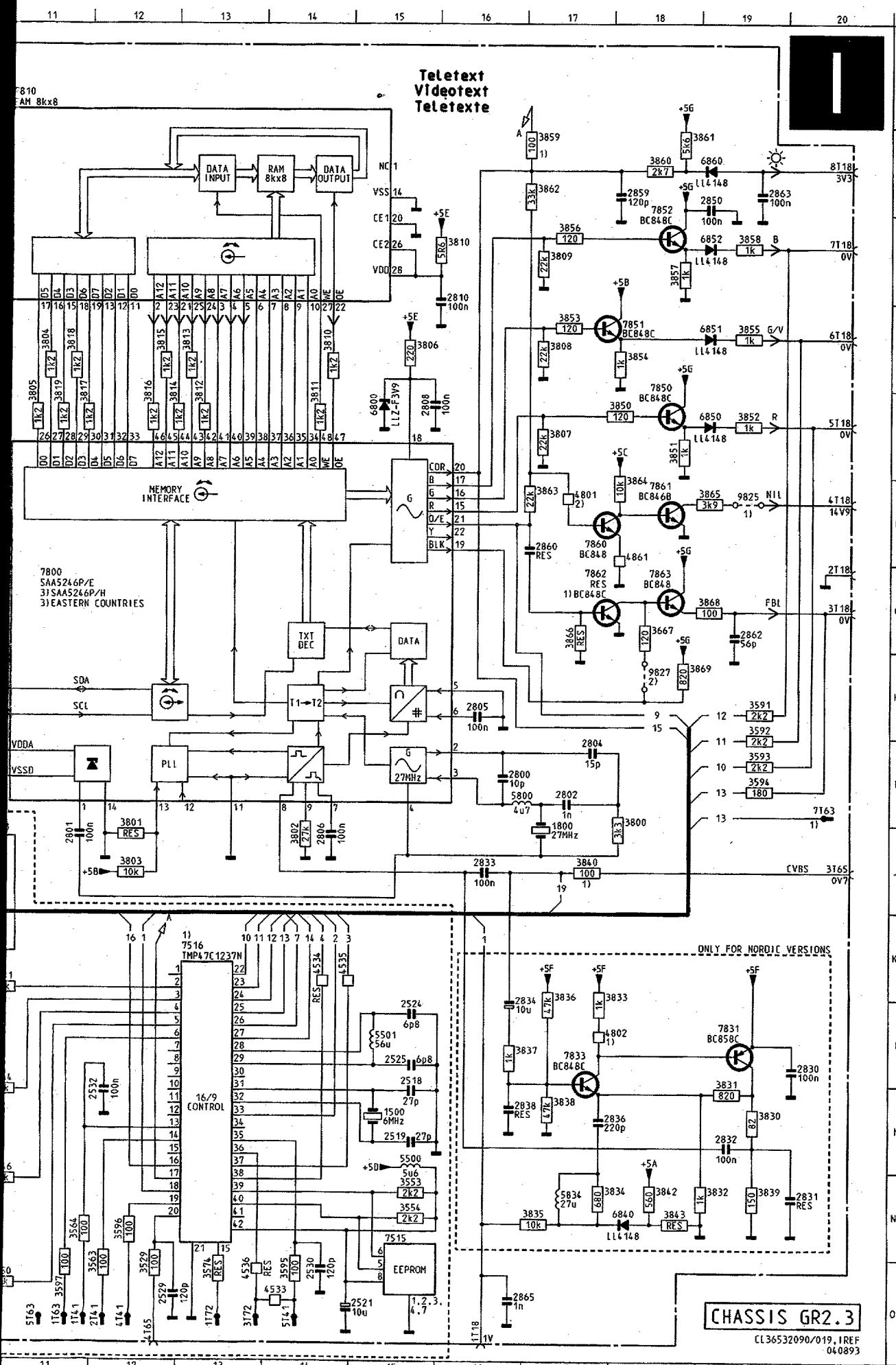


Amplification audio



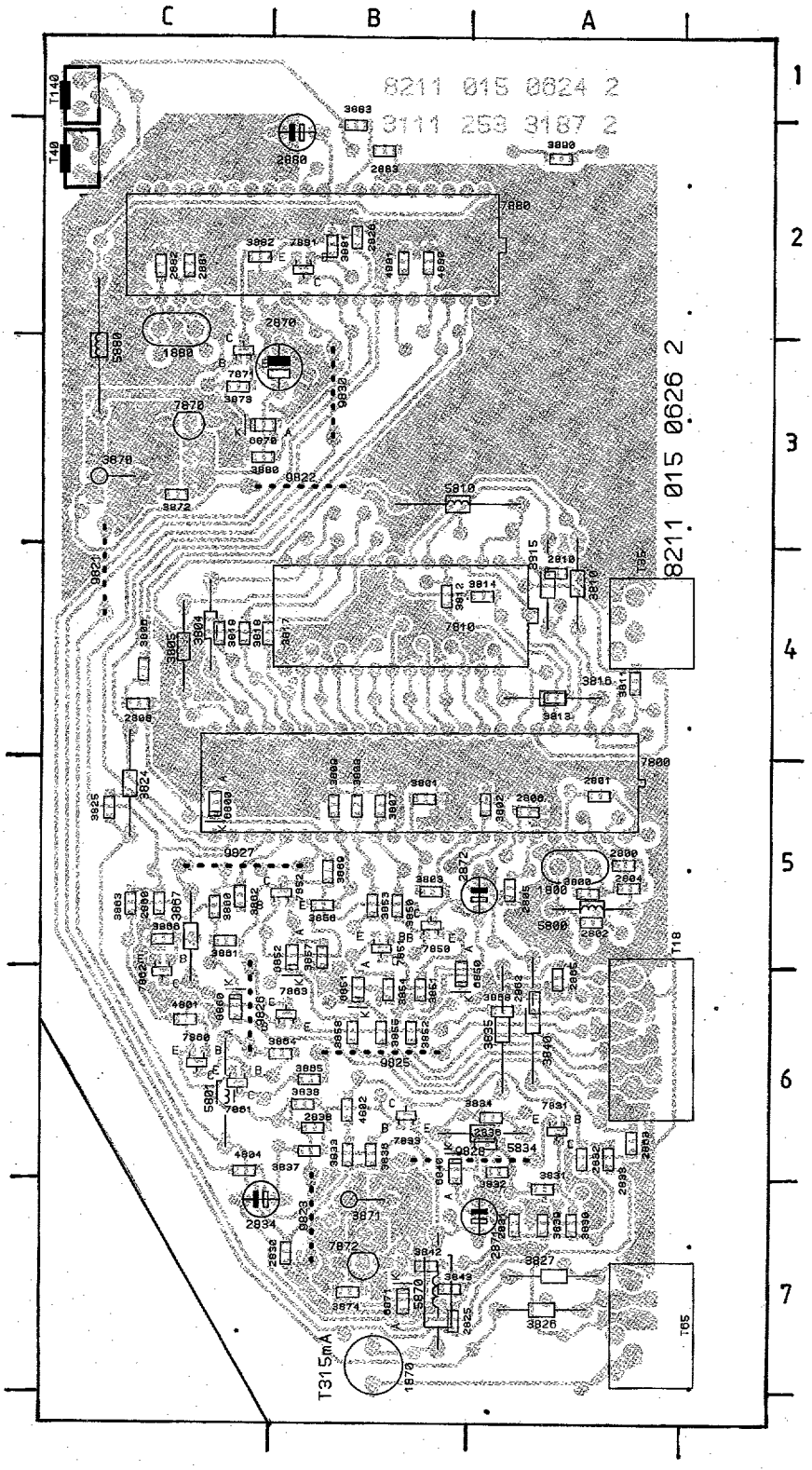
	1104	A 2	7245	I 8
	2301	F 3	7246	I 9
	2302	F 3	7247	H16
	2306	F 4	7300	E 6
A	2307	F 5	7300	E 4
	2310	F 7	7315	E 8
	2311	E 7	7315	B16
	2312	F 7	7320	B14
	2318	E 9	7320	B12
	2321	C11	7350	J 4
	2322	C12	7350	K 6
	2326	C12	7355	M 4
B	2327	C13	7370	L12
	2330	C15	7370	L14
	2331	B15	7375	N12
	2332	C15	9200	H18
	2339	C17	9200	G18
	2340	D19	9201	C19
	2341	G 2	9202	E 2
	2350	L 5	9203	M 4
C	2356	L 5	9204	E19
	2359	M 6	9204	G17
	2360	J 5	9205	H17
	2361	J 6		
	2362	K 7		
	2363	K 9		
	2370	M12		
D	2376	N12		
	2379	N14		
	2380	I 13		
	2381	K14		
	2382	L 15		
	2383	K16		
	3218	D 5		
	3219	A13		
E	3232	I 7		
	3233	H 8		
	3234	I 9		
	3235	H16		
	3236	J10		
	3237	I 17		
	3238	E10		
F	3239	C19		
	3300	E 2		
	3301	E 3		
	3302	G 3		
	3304	F 6		
	3305	D 6		
	3306	D 5		
	3307	E 5		
G	3308	G 4		
	3310	E 7		
	3311	E 7		
	3312	F 7		
	3314	F 8		
	3315	E 8		
	3318	E 9		
H	3319	J 6		
	3320	C 2		
	3321	C11		
	3322	D11		
	3324	C14		
	3325	B14		
	3326	A13		
	3327	C13		
I	3328	D12		
	3330	C15		
	3331	C15		
	3332	C15		
	3338	I 14		
	3339	C17		
	3348	L 6		
	3349	J 5		
J	3350	K 5		
	3352	H 6		
	3353	K 3		
	3354	K 4		
	3355	L 4		
	3356	L 5		
	3357	M 5		
K	3358	L 6		
	3359	M 8		
	3360	K 5		
	3361	J 6		
	3362	K 7		
	3363	K 9		
	3364	K 3		
	3368	M14		
L	3369	K13		
	3370	M12		
	3372	E15		
	3373	L11		
	3374	L12		
	3375	M12		
	3376	N13		
M	3377	N13		
	3378	N14		
	3379	N16		
	3380	L13		
	3381	L14		
	3382	L15		
	3383	K16		
	3384	L11		
N	6249	I 8		
	6307	F 5		
	6308	G 5		
	6327	D13		
	6328	D13		
	6360	K 8		
	6361	K 8		
	6362	K 8		
O	6363	K 9		
	6380	L16		
	6381	L16		
	6382	M16		
	6383	L16		


1003 TXT MODULE
1) ONLY FOR 16/9 VERSION
2) NOT FOR 16/9 VERSION
REMOVE IN D2MAC
SCL
SDA
7810 RAM 8kx8
7880 P83G528EBPN
7881 BC848
7870 BC337-40
7872 BC733-40
7871 BC858
7800 SAA5246I
P1
CPU
POR
I²C
6MHz
12MHz
+5D
+5F
+5E
+12
+5G
SEND



	1500	M15	3558	J 9	6503	K 4
	1800	J17	3559	I 9	6800	E15
	1870	A 2	3560	J 9	6840	N18
	1880	C10	3561	J10	6850	E19
A	2500	N 4	3562	J 8	6851	D19
	2501	K 4	3563	D12	6852	C19
	2502	K 5	3564	D11	6860	B19
	2503	M 4	3565	M 3	6870	E 1
	2504	N 5	3566	M 2	6871	D 3
	2505	N 5	3567	M 1	7500	M 7
	2506	O 4	3568	N 2	7501	N 7
	2507	L 5	3569	G 7	7502	K 6
B	2508	H 2	3570	H 7	7503	K 6
	2509	L 5	3571	G 8	7504	M 6
	2510	I 1	3572	O 5	7505	N 6
	2511	I 3	3573	L 7	7506	O 5
	2512	I 5	3574	O13	7507	K 5
	2513	L 4	3591	H19	7508	K 4
	2515	L10	3592	H19	7510	H 3
	2516	M10	3593	I19	7511	I 4
C	2517	N10	3594	I19	7512	H 5
	2518	L15	3595	O14	7513	I 3
	2519	M15	3596	O12	7514	K 1
	2520	O10	3597	O11	7515	N15
	2521	O15	3667	G18	7516	K13
	2522	J 8	3800	I18	7517	K10
	2523	J10	3801	J12	7518	L10
D	2524	L15	3802	J14	7519	M10
	2525	L15	3803	J12	7520	O10
	2526	M 2	3804	D11	7521	I 8
	2527	L 1	3805	E11	7522	I 9
	2529	O12	3806	D15	7523	I10
	2530	O14	3807	E17	7524	N 1
	2531	I 6	3808	D17	7525	H 8
	2532	M12	3809	C17	7526	M 8
E	2800	I16	3810	D14	7800	G11
	2801	J11	3810	C16	7810	A11
	2802	I17	3811	E14	7831	L19
	2804	L17	3812	E13	7833	L17
	2805	M16	3813	D13	7850	E18
	2806	J14	3814	E12	7851	D18
	2808	E15	3815	D12	7852	B18
F	2810	C16	3816	E12	7860	F17
	2825	E 3	3817	E11	7861	F18
	2826	E 4	3818	D11	7862	G17
	2830	L20	3819	E11	7863	E18
	2831	N20	3824	F10	7870	C 1
	2832	M19	3825	F 9	7871	E 1
	2833	J16	3826	A 5	7872	C 3
	2834	L16	3827	A 4	7880	B 7
G	2836	M17	3830	M19	7881	B 5
	2838	M16	3831	M19	9821	B 1
	2850	B19	3832	N19	9822	D 1
	2859	B18	3833	K17	9825	F19
	2860	F17	3834	N17	9827	H18
	2862	G19	3835	N17		
	2863	B19	3836	K17		
H	2865	O16	3837	L16		
	2870	E 2	3838	M17		
	2871	B 2	3839	N19		
	2871	F 1	3840	J15		
	2872	I10	3840	J17		
	2880	D 9	3842	N18		
	2881	C10	3843	N18		
	2882	C 9	3850	E18		
I	2883	B 8	3851	E18		
	3500	K 6	3852	E19		
	3501	L 6	3853	D17		
	3502	K 5	3854	D18		
	3503	M 3	3855	D19		
	3504	M 4	3856	C17		
	3505	M 4	3857	C18		
	3506	M 7	3858	C19		
J	3507	O 7	3859	B17		
	3508	N 8	3860	B18		
	3509	M 5	3861	B18		
	3510	N 5	3862	B17		
	3511	N 4	3863	F17		
	3512	O 4	3864	E18		
	3513	O 4	3865	F19		
K	3514	O 3	3866	G17		
	3515	J 3	3868	G19		
	3516	K 5	3869	H18		
	3517	K 3	3870	C 2		
	3518	L 5	3871	C 4		
	3519	L 4	3872	C 1		
	3520	M 7	3873	E 1		
	3521	O 7	3874	C 3		
L	3529	O12	3880	B 5		
	3530	I 2	3881	E 2		
	3531	I 2	3882	E 2		
	3532	H 3	3883	A 9		
	3533	G 3	4533	O14		
	3534	G 4	4534	K14		
	3535	I 4	4535	K14		
M	3536	I 5	4536	O13		
	3537	I 5	4801	F17		
	3538	I 6	4802	L17		
	3540	E 1	4804	B 1		
	3541	K10	4861	F18		
	3542	K 9	4880	C 6		
	3543	N 8	4881	C 6		
	3544	L10	4884	G 1		
N	3545	L 9	4885	G 1		
	3546	N10	4886	C 3		
	3547	M 9	4887	H 1		
	3548	L 8	5500	M15		
	3549	N 9	5501	L15		
	3550	O10	5800	I16		
	3551	O 9	5801	I10		
	3552	N 9	5834	N17		
O	3553	N15	5870	B 2		
	3554	N15	5880	D10		
	3555	I 7	6500	O 6		
	3556	J 7	6501	M 4		
	3557	I 8	6502	M 2		

1003 TELETEXT MODULE 4:3



T18	A5	3871	B6
T35	A4	3872	C3
T40	C2	3873	C3
T65	A7	3874	B7
T140	C1	3880	C3
1800	A5	3881	B2
1870	B7	3882	C2
1880	C2	3883	B1
2800	A5	3890	A1
2801	A4	4801	C6
2802	A5	4802	B6
2804	A5	4804	C6
2805	A5	4880	B2
2806	A5	4881	B2
2808	C4	5800	A5
2810	A3	5801	C6
2825	B7	5810	B3
2826	B2	5834	A6
2830	B7	5870	B7
2831	A7	5880	C2
2832	A6	6800	C5
2833	A6	6840	B6
2834	C6	6850	B5
2836	A6	6851	B5
2838	B6	6852	B5
2860	C5	6860	C6
2862	A5	6870	C3
2863	A6	6871	B7
2865	A5	7800	B4
2870	B2	7810	A4
2871	A6	7831	A6
2872	A5	7833	B6
2880	B1	7850	B5
2881	C2	7851	B5
2882	C2	7852	B5
2883	B1	7860	C6
3800	A5	7861	C6
3801	B5	7862	C5
3802	A5	7863	B6
3803	B5	7870	C3
3804	C4	7871	C2
3805	C4	7872	B7
3806	C4	7880	A2
3807	B5	7881	B2
3808	B5	9821	C3
3809	B5	9822	B3
3810	A4	9823	B7
3811	A4	9825	B6
3812	B4	9826	C6
3813	A4	9827	C5
3814	A4	9828	B6
3815	A4	9830	B3
3816	A4		
3817	B4		
3818	C4		
3819	C4		
3824	C4		
3825	C5		
3826	A7		
3827	A7		
3830	A7		
3831	A6		
3832	A6		
3833	B6		
3834	A6		
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3836	B6		
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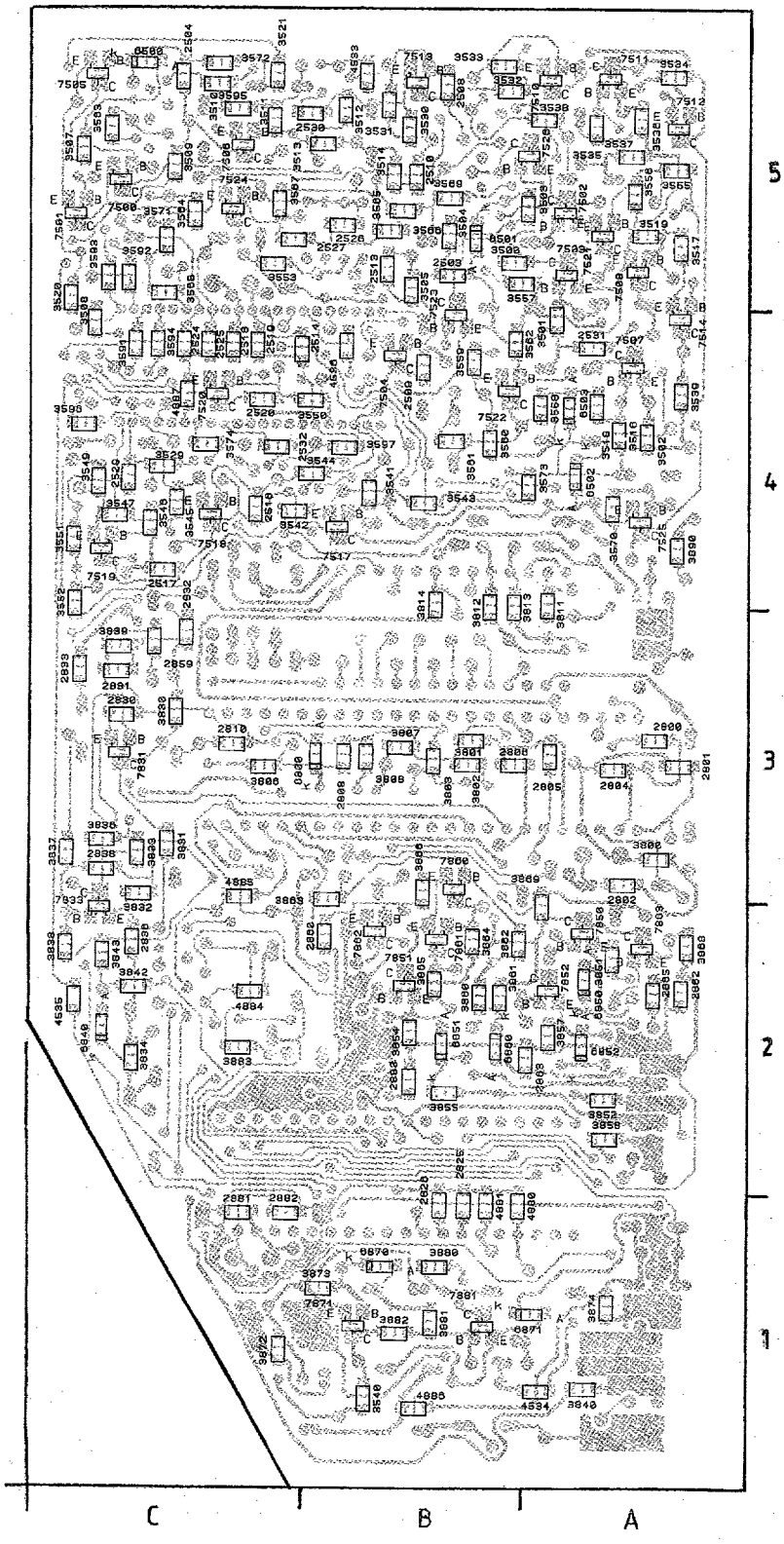
3858	B6		
3860	C5		
3861	C5		
3862	C5		
3863	C5		
3864	B6		
3865	B6		
3866	C5		
3867	C5		
3868	A6		
3869	B5		
3870	C3		

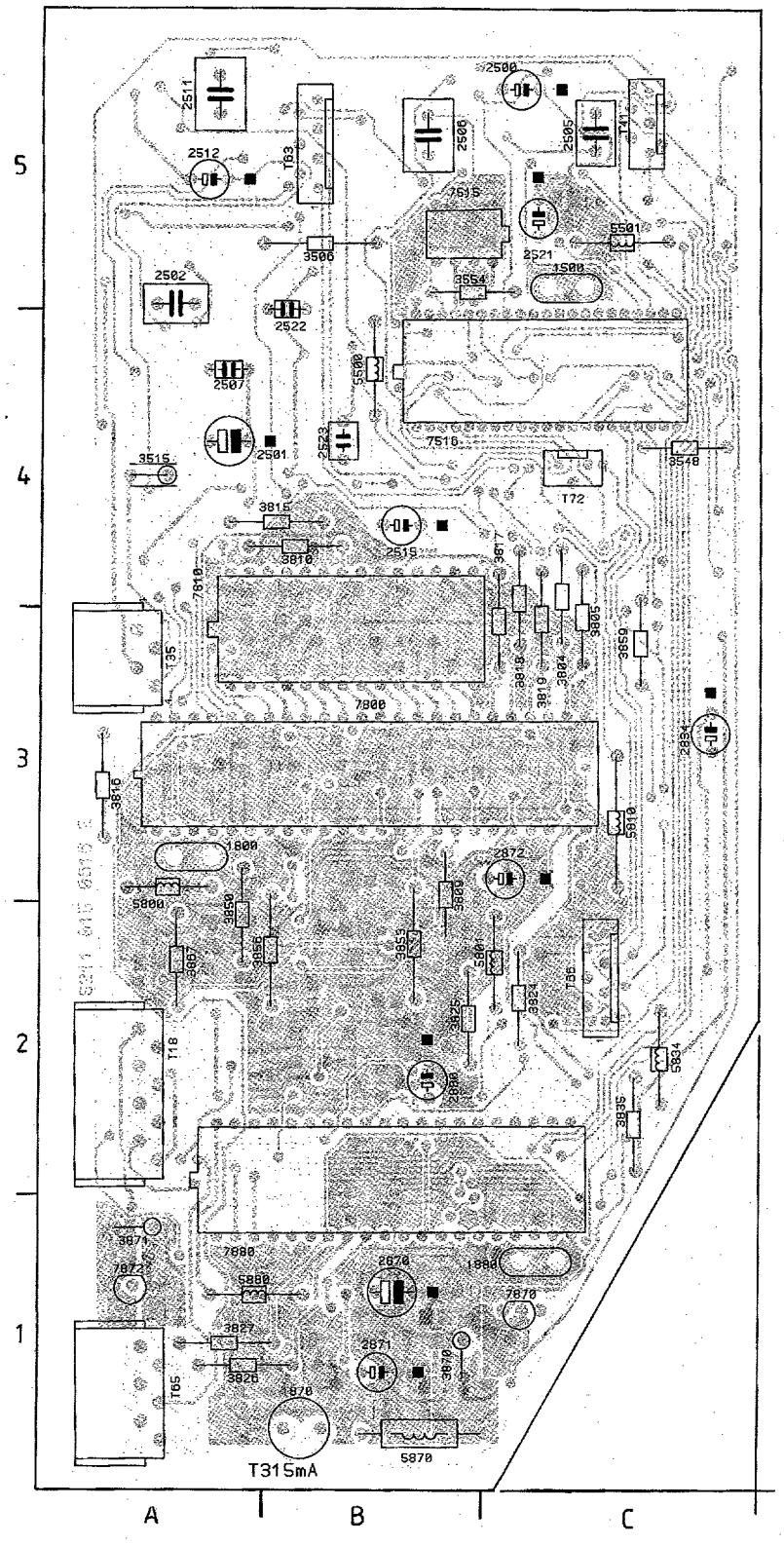
1003 TELETEXT MODULE 16:9 (SMD SIDE)



T18	A2	3521	C5	3853	B2	7862	B2
T35	A3	3529	C4	3854	B2	7863	A2
T41	C5	3530	B5	3855	B2	7870	C1
T63	B5	3531	B5	3856	A2	7871	B1
T65	A1	3532	B5	3857	A2	7872	A1
T66	C2	3533	B5	3858	A2	7880	B2
T72	C4	3534	A5	3859	C3	7881	B1
1500	C5	3535	A5	3860	B2		
1800	A3	3536	A5	3861	B2		
1870	B1	3537	A5	3862	A2		
1880	C1	3538	A5	3863	B2		
2500	C5	3539	A4	3864	B2		
2501	A4	3540	B1	3865	B2		
2502	A4	3541	B4	3866	B2		
2503	B5	3542	B4	3867	A2		
2504	C5	3543	B4	3868	D2		
2505	C5	3544	B4	3868	A2		
2506	B5	3545	C4	3869	A2		
2507	A4	3546	C4	3870	B1		
2508	B5	3547	C4	3871	A1		
2509	B4	3548	C4	3872	B1		
2510	B5	3549	C4	3873	B1		
2511	A5	3550	B4	3874	A1		
2512	A5	3551	C4	3880	B1		
2513	B5	3552	C3	3881	B1		
2514	B4	3553	C5	3882	B1		
2515	B4	3554	B5	3883	C2		
2516	C4	3555	A5	3890	A4		
2517	C4	3556	A5	4533	B5		
2518	C4	3557	A5	4534	A1		
2519	C4	3558	A4	4535	C2		
2520	C4	3559	B4	4536	B4		
2521	C5	3560	B4	4880	A1		
2522	B4	3561	B4	4881	B1		
2523	B4	3562	A4	4884	C2		
2524	C4	3563	C5	4885	C2		
2525	C4	3564	C5	4886	B1		
2526	B5	3565	B5	4887	C4		
2527	B5	3566	B5	5500	B4		
2529	C4	3567	C5	5501	C5		
2530	B5	3568	C5	5800	A3		
2531	A4	3569	B5	5801	B2		
2532	C4	3570	A4	5810	C3		
2800	A3	3571	C5	5834	C2		
2801	A3	3572	C5	5870	B1		
2802	A3	3573	A4	5880	A1		
2804	A3	3574	C4	6500	C5		
2805	A3	3591	C4	6501	B5		
2806	A3	3592	C5	6502	A4		
2808	B3	3593	C5	6503	A4		
2810	C3	3594	C4	6800	B3		
2825	B1	3595	C5	6840	C2		
2826	B1	3596	C4	6850	A2		
2830	C3	3597	B4	6851	B2		
2831	C3	3800	A3	6852	A2		
2832	C3	3801	B3	6860	B2		
2833	C3	3802	B3	6870	B1		
2834	C3	3803	B3	6871	A1		
2836	C2	3804	C3	7500	C5		
2838	C3	3805	C3	7501	C5		
2859	C3	3806	C3	7502	A5		
2860	B2	3807	B3	7503	A5		
2862	A2	3808	B3	7504	B4		
2863	A2	3809	B2	7505	C5		
2865	A2	3810	B4	7506	C5		
2870	B1	3811	A3	7507	A4		
2871	B1	3812	B3	7508	A5		
2872	B3	3813	A3	7510	A5		
2880	B2	3814	B3	7511	A5		
2881	C1	3815	A4	7512	A5		
2882	B1	3817	B3	7513	B5		
2883	B2	3818	C3	7514	A4		
3500	A5	3819	C3	7515	B5		
3501	A4	3824	C2	7516	C4		
3502	A4	3825	B2	7517	B4		
3503	A5	3826	A1	7518	C4		
3504	B5	3827	A1	7519	C4		
3505	B5	3830	C3	7520	C4		
3506	B5	3831	C3	7521	A5		
3507	C5	3832	C2	7522	B4		
3508	C4	3833	C3	7523	B4		
3509	C5	3834	C2	7524	C5		
3510	C5	3835	C2	7525	A4		
3511	C5	3836	C3	7526	A5		
3512	B5	3837	C3	7800	B3		
3513	B5	3838	C2	7810	B3		
3514	B5	3839	C3	7831	C3		
3515	A4	3840	A1	7833	C2		
3516	A4	3842	C2	7850	A2		
3517	A5	3843	C2	7851	B2		
3518	A4	3850	A2	7852	A2		
3519	A5	3851	A2	7860	B3		
3520	C4	3852	A2	7861	B2		

(FOR COMPONENT SIDE SEE NEXT PAGE)

1003 TELETEXT MODULE 4:3 (COMPONENT SIDE)



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T35	A3	3529	C4	3854	B2	7863	A2
T41	C5	3530	B5	3855	B2	7870	C1
T63	B5	3531	B5	3856	A2	7871	B1
T65	A1	3532	B5	3857	A2	7872	A1
T66	C2	3533	B5	3858	A2	7880	B2
T72	C4	3534	A5	3859	C3	7881	B1
1500	C5	3535	A5	3860	B2		
1800	A3	3536	A5	3861	B2		
1870	B1	3537	A5	3862	A2		
1880	C1	3538	A5	3863	B2		
2500	C5	3539	A4	3864	B2		
2501	A4	3540	B1	3865	B2		
2502	A4	3541	B4	3866	B2		
2503	B5	3542	B4	3867	A2		
2504	C5	3543	B4	3868	D2		
2505	C5	3544	B4	3868	A2		
2506	B5	3545	C4	3869	A2		
2507	A4	3546	C4	3870	B1		
2508	B5	3547	C4	3871	A1		
2509	B4	3548	C4	3872	B1		
2510	B5	3549	C4	3873	B1		
2511	A5	3550	B4	3874	A1		
2512	A5	3551	C4	3880	B1		
2513	B5	3552	C3	3881	B1		
2514	B4	3553	C5	3882	B1		
2515	B4	3554	B5	3883	C2		
2516	C4	3555	A5	3890	A4		
2517	C4	3556	A5	4533	B5		
2518	C4	3557	A5	4534	A1		
2519	C4	3558	A4	4535	C2		
2520	C4	3559	B4	4536	B4		
2521	C5	3560	B4	4880	A1		
2522	B4	3561	B4	4881	B1		
2523	B4	3562	A4	4884	C2		
2524	C4	3563	C5	4885	C2		
2525	C4	3564	C5	4886	B1		
2526	B5	3565	B5	4887	C4		
2527	B5	3566	B5	5500	B4		
2529	C4	3567	C5	5501	C5		
2530	B5	3568	C5	5800	A3		
2531	A4	3569	B5	5801	B2		
2532	C4	3570	A4	5810	C3		
2800	A3	3571	C5	5834	C2		
2801	A3	3572	C5	5870	B1		
2802	A3	3573	A4	5880	A1		
2804	A3	3574	C4	6500	C5		
2805	A3	3591	C4	6501	B5		
2806	A3	3592	C5	6502	A4		
2808	B3	3593	C5	6503	A4		
2810	C3	3594	C4	6800	B3		
2825	B1	3595	C5	6840	C2		
2826	B1	3596	C4	6850	A2		
2830	C3	3597	B4	6851	B2		
2831	C3	3800	A3	6852	A2		
2832	C3	3801	B3	6860	B2		
2833	C3	3802	B3	6870	B1		
2834	C3	3803	B3	6871	A1		
2836	C2	3804	C3	7500	C5		
2838	C3	3805	C3	7501	C5		
2859	C3	3806	C3	7502	A5		
2860	B2	3807	B3	7503	A5		
2862	A2	3808	B3	7504	B4		
2863	A2	3809	B2	7505	C5		
2865	A2	3810	B4	7506	C5		
2870	B1	3811	A3	7507	A4		
2871	B1	3812	B3	7508	A5		
2872	B3	3813	A3	7510	A5		
2880	B2	3814	B3	7511	A5		
2881	C1	3815	A4	7512	A5		
2882	B1	3817	B3	7513	B5		
2883	B2	3818	C3	7514	A4		
3500	A5	3819	C3	7515	B5		
3501	A4	3824	C2	7516	C4		
3502	A4	3825	B2	7517	B4		
3503	A5	3826	A1	7518	C4		
3504	B5	3827	A1	7519	C4		
3505	B5	3830	C3	7520	C4		
3506	B5	3831	C3	7521	A5		
3507	C5	3832	C2	7522	B4		
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3509	C5	3834	C2	7524	C5		
3510	C5	3835	C2	7525	A4		
3511	C5	3836	C3	7526	A5		
3512	B5	3837	C3	7800	B3		
3513	B5	3838	C2	7810	B3		
3514	B5	3839	C3	7831	C3		
3515	A4	3840	A1	7833	C2		
3516	A4	3842	C2	7850	A2		
3517	A5	3843	C2	7851	B2		
3518	A4	3850	A2	7852	A2		
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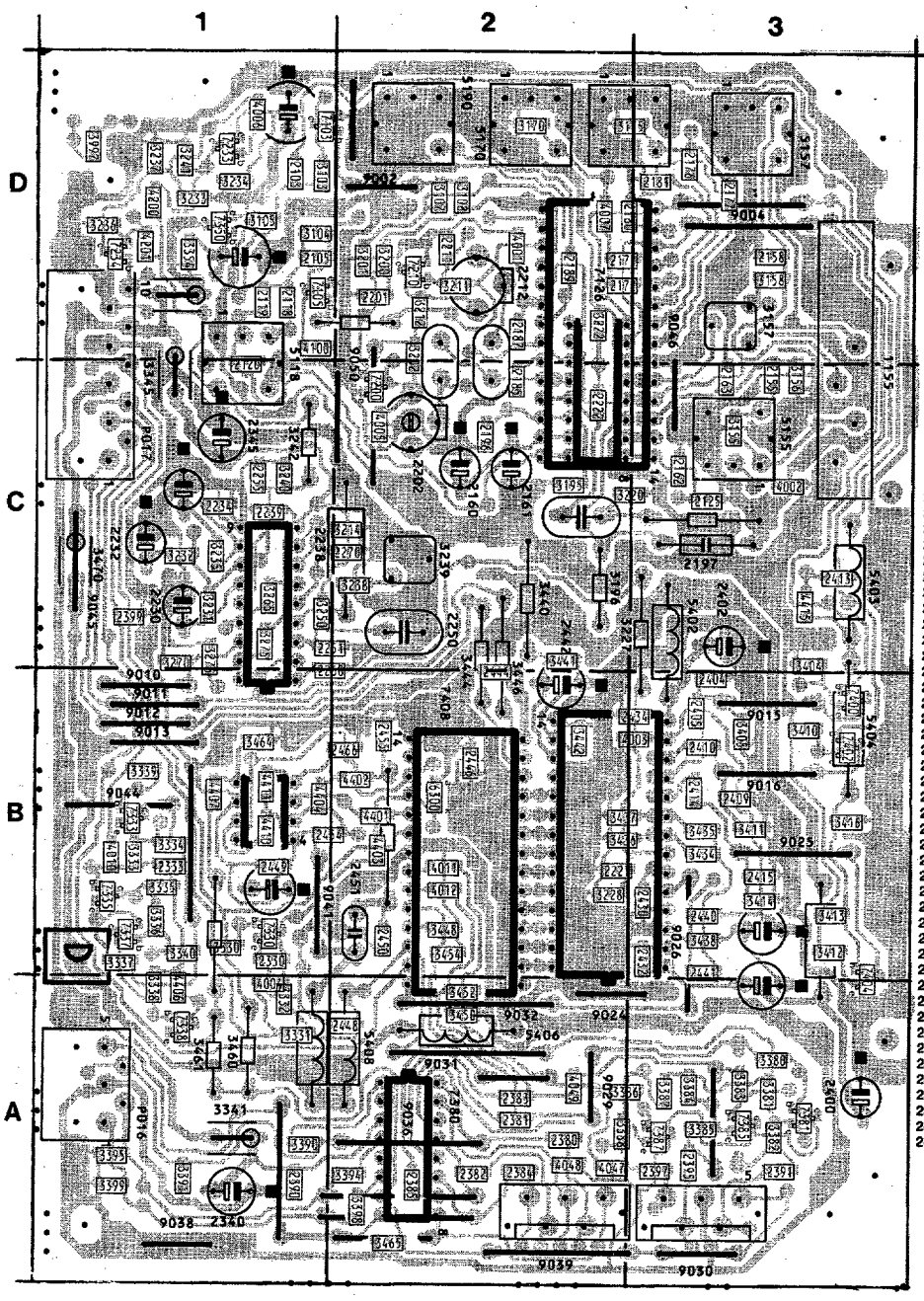
1004 PIP MODULE



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1201 D2	2405 B3	3270 C1	4001 D2	7755 B1
1212 D2	2409 B3	3275 C1	4002 C3	9002 D2
2103 D1	2410 B3	3276 C1	4003 B2	9003 D3
2105 D1	2413 C3	3330 B1	4004 A1	9004 D3
2118 D1	2414 B3	3331 A1	4005 C2	9007 C2
2119 D1	2415 B3	3332 A1	4006 D1	9010 B1
2120 D1	2430 B3	3333 B1	4007 D2	9011 B1
2125 C3	2432 B3	3334 B1	4010 B1	9012 B1
2155 C3	2434 B2	3335 B1	4011 B2	9013 B1
2158 D3	2438 B3	3336 B1	4012 B2	9015 B3
2160 C2	2439 A3	3337 B1	4047 A2	9016 B3
2161 C2	2440 B3	3338 A1	4048 A2	9024 A2
2162 C3	2441 B3	3339 B1	4049 A2	9025 B3
2163 C3	2442 B2	3340 B1	4100 D1	9026 B3
2171 D2	2444 C2	3341 A1	4200 D1	9027 A3
2172 D2	2446 B2	3345 C1	4201 D1	9028 A3
2176 D3	2448 A2	3353 D1	4401 B2	9029 A2
2177 D3	2449 B1	3354 D1	4402 B2	9030 A3
2180 D2	2450 B2	3380 A3	4403 B2	9031 A2
2181 D3	2451 B2	3381 A3	4404 B1	9032 A2
2185 C2	2454 B1	3382 A3	4406 A1	9033 A2
2187 D2	2455 B2	3383 A3	4407 B1	9034 A2
2189 D2	2459 B1	3384 A3	4410 B1	9035 A2
2196 C2	2466 B2	3385 A3	4411 B1	9036 A2
2197 C3	3103 D1	3386 A2	4415 C3	9037 A1
2201 D2	3104 D1	3387 A3	5118 D1	9038 A1
2202 C2	3105 D1	3388 A2	5155 C3	9039 A2
2211 D2	3106 D2	3390 A1	5157 D3	9040 D2
2212 D2	3107 D2	3391 A1	5170 D2	9041 B1
2220 C2	3108 D2	3394 A2	5175 D2	9042 A2
2222 C2	3155 C3	3395 A1	5190 D2	9043 B1
2227 B2	3156 C3	3398 A2	5400 B3	9044 B1
2230 C1	3157 D3	3399 A1	5402 C3	9045 C1
2232 C1	3158 D3	3404 C3	5403 C3	9046 C3
2234 C1	3170 D2	3405 B3	5404 B3	9050 C2
2235 C1	3175 D2	3410 B3	5406 A2	P016 A1
2238 C2	3195 C2	3411 B3	5408 A2	P017 C1
2239 C1	3196 C2	3412 B3	5410 A1	P56 A2
2250 C2	3200 D2	3413 B3	6300 B2	P57 A3
2251 C1	3201 D2	3414 B3	7103 D1	
2255 C1	3202 D2	3416 B3	7105 D1	
2260 C1	3211 D2	3434 B3	7125 D3	
2270 C2	3212 D2	3435 B3	7126 D2	
2330 B1	3214 C2	3436 B2	7200 C2	
2333 B1	3220 C2	3437 B2	7210 D2	
2340 A1	3221 C3	3438 B3	7233 D1	
2345 C1	3222 D2	3440 C2	7234 D1	
2350 D1	3227 C3	3441 C2	7330 B1	
2351 D1	3228 B2	3442 B2	7333 B1	
2380 A2	3231 C1	3444 C2	7335 B1	
2381 A2	3232 C1	3446 C2	7337 B1	
2382 A2	3233 D1	3448 B2	7338 A1	
2383 A2	3234 D1	3450 A2	7350 D1	
2384 A2	3235 C1	3452 A2	7380 A2	
2385 A2	3236 D1	3454 B2	7381 A3	
2390 A1	3237 D1	3460 A1	7385 A3	
2391 A3	3238 C2	3461 A1	7387 A3	
2395 A3	3239 C2	3462 B2	7400 B3	
2397 A3	3240 C1	3463 B1	7402 B3	
2399 C1	3241 D1	3464 B1	7404 B3	
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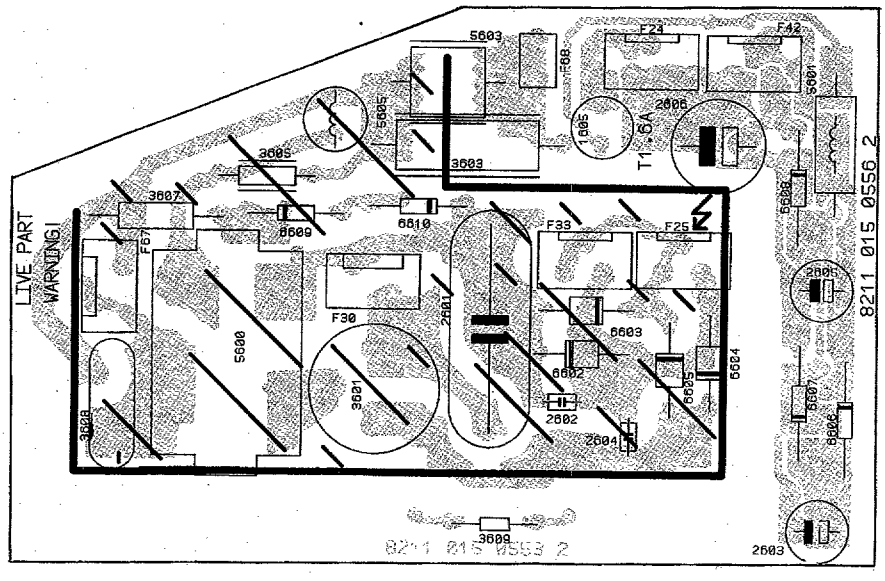
1002 MAINS FILTER MODULE



Picture in picture/Bild im Bild

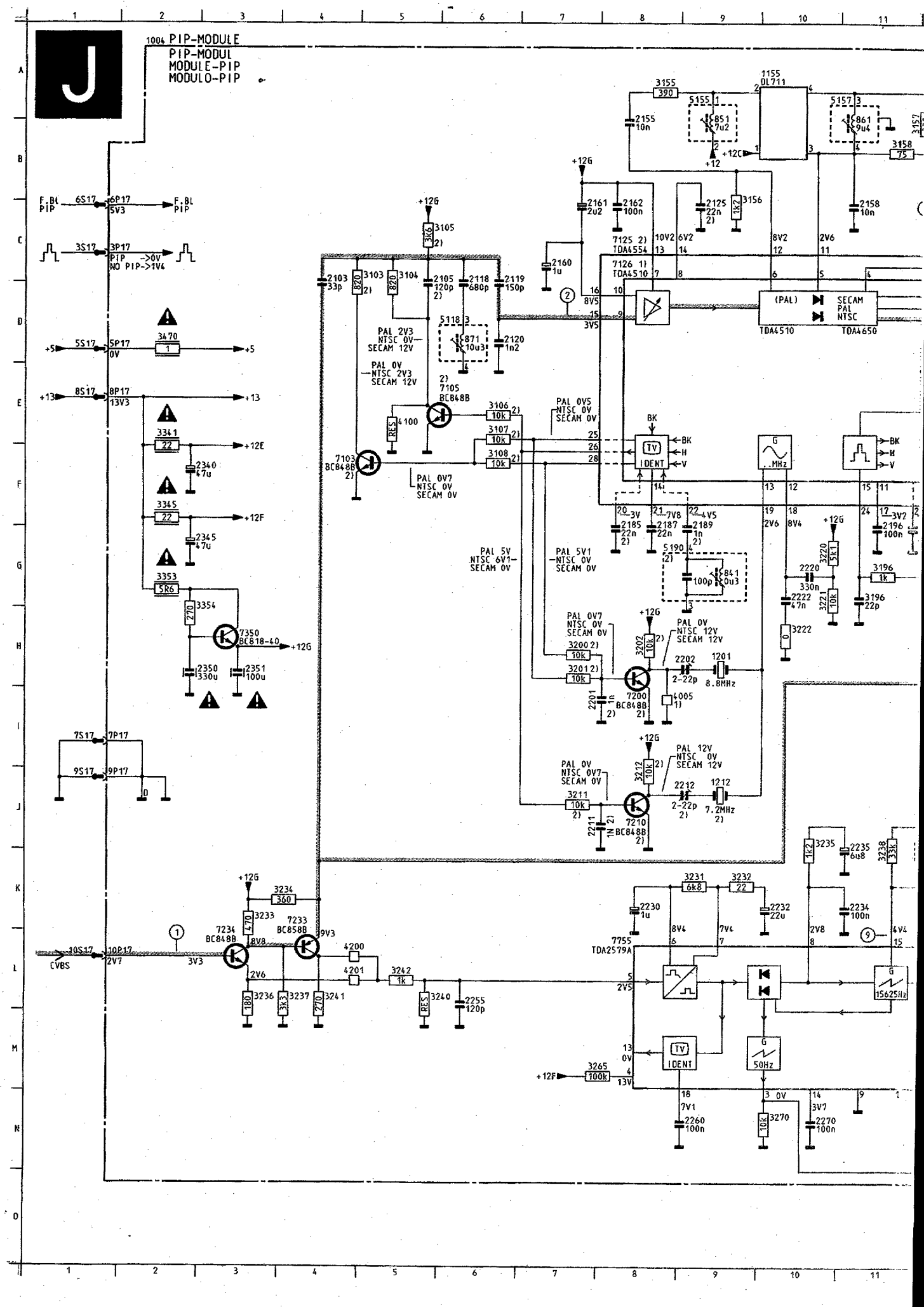
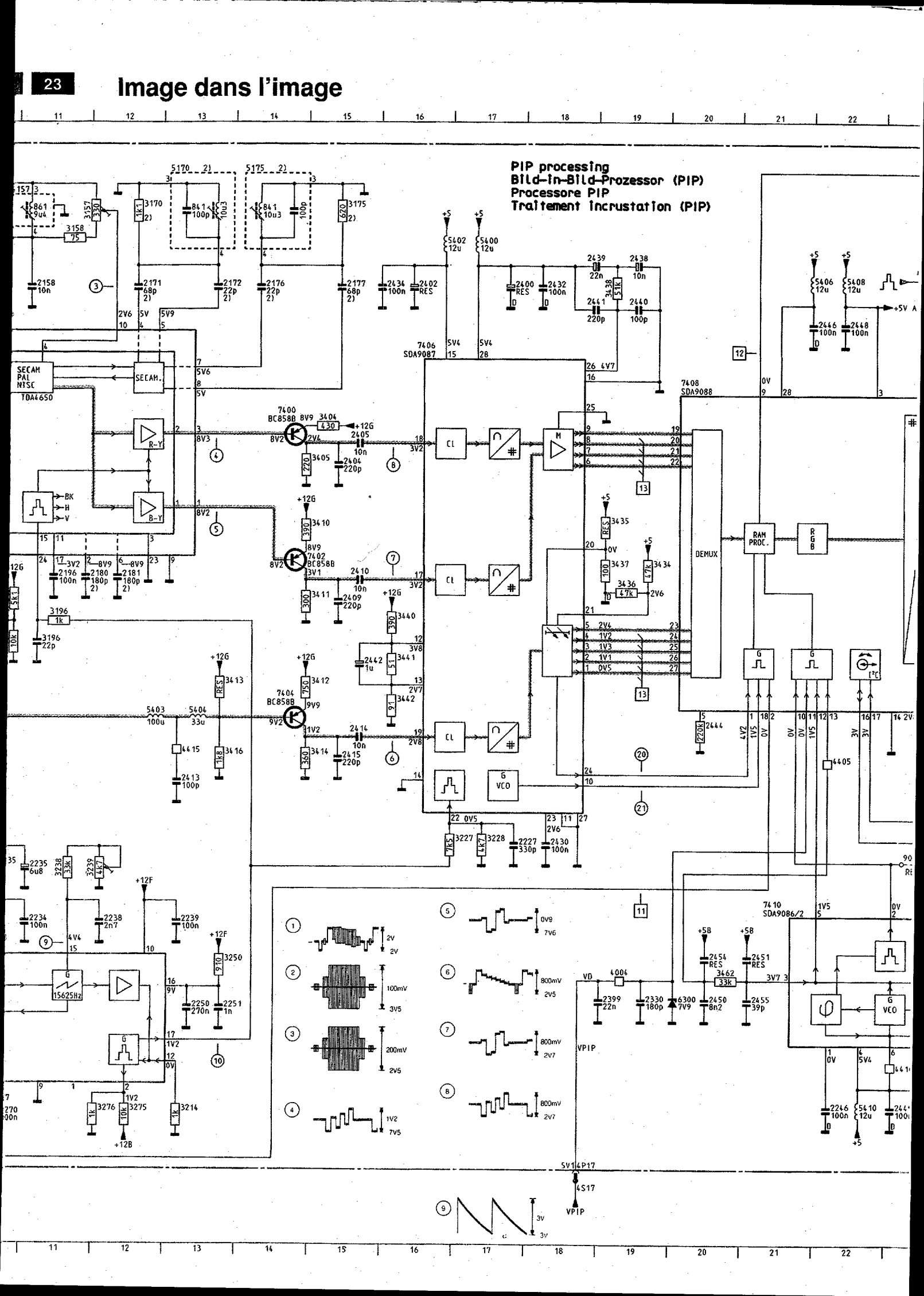
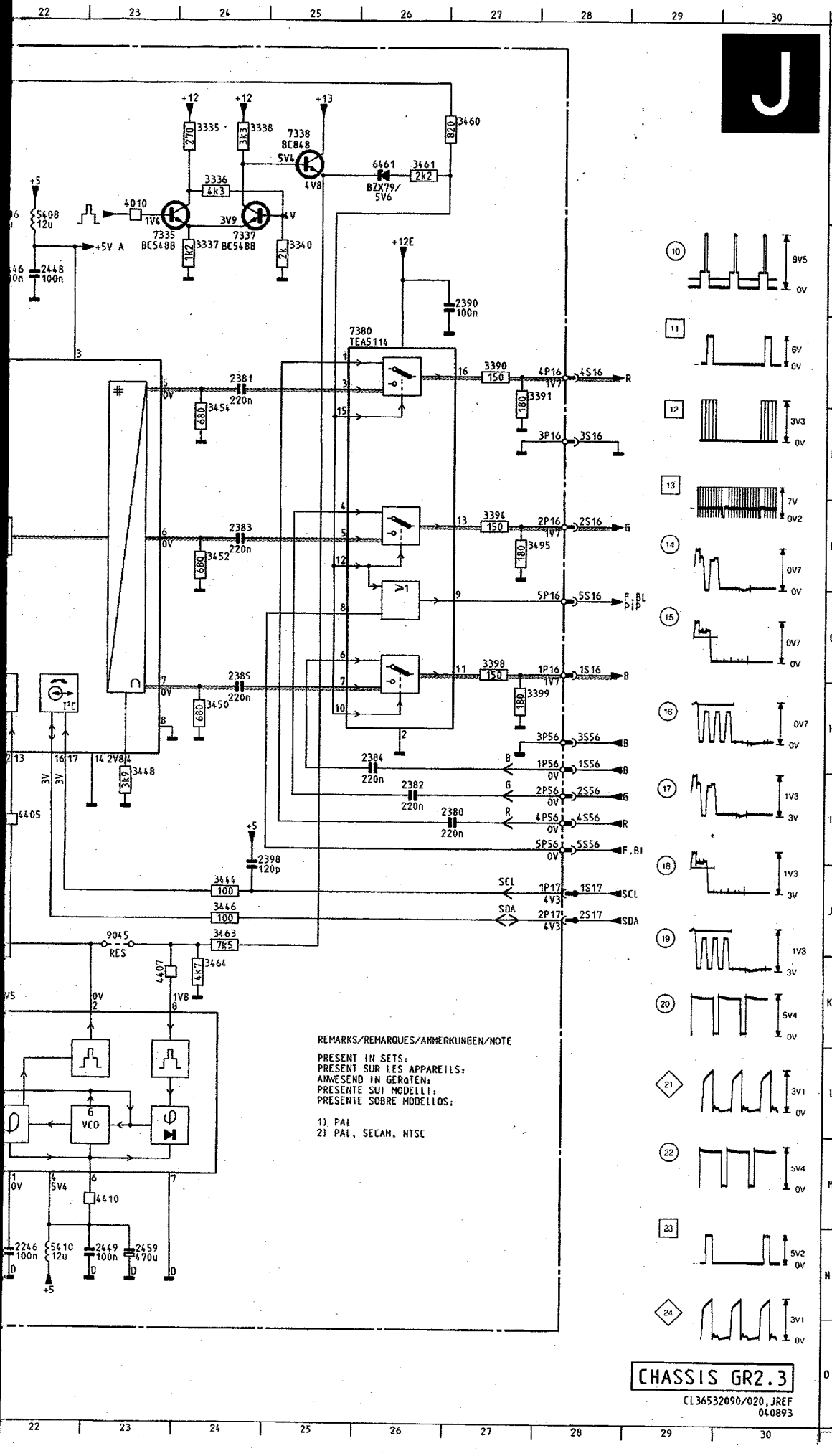


Image dans l'image

PIP processing
Bild-in-Bild-Prozessor (PIP)
Processore PIP
Traitement incrustation (PIP)





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	1155	A 9	3239	K12
	1201	H 9	3240	L 5
	1212	J 9	3241	L 4
A	2103	D 4	3242	L 5
	2105	D 5	3250	L13
	2118	D 6	3265	M 8
	2119	D 6	3270	N10
	2120	D 6	3275	N12
	2125	C 9	3276	N12
	2155	B 8	3335	A24
	2158	C11	3336	B24
B	2160	C 7	3337	C24
	2161	C 7	3338	A24
	2162	C 8	3340	C25
	2171	C12	3341	E 2
	2172	C13	3345	F 2
	2176	C14	3353	G 2
	2177	C15	3354	G 2
	2180	G11	3390	D27
C	2181	G12	3391	D27
	2185	G 8	3394	F27
	2187	G 8	3398	G27
	2189	G 9	3399	H27
	2196	G11	3404	D15
	2201	I 7	3405	E15
	2202	H 9	3410	F15
D	2211	J 7	3411	G15
	2212	J 9	3412	H15
	2220	G10	3413	H13
	2222	G10	3414	I15
	2227	J17	3416	I13
	2230	K 8	3434	F19
	2232	K10	3435	F19
	2234	K11	3436	G19
E	2235	K11	3437	F19
	2238	K12	3438	C19
	2239	K13	3440	G16
	2246	N22	3441	H16
	2250	L13	3442	H16
	2251	L13	3444	J24
	2255	L 6	3446	J24
	2260	N 9	3448	H23
F	2270	N10	3450	H24
	2330	L19	3452	F24
	2340	F 2	3454	D24
	2345	G 2	3460	A27
	2350	H 2	3461	B26
	2351	H 3	3462	L20
	2380	I27	3463	J24
G	2381	D24	3464	K24
	2382	I26	3470	D 2
	2383	F24	3495	F27
	2384	H26	4004	L19
	2385	H24	4005	I 8
	2390	C27	4010	B23
	2398	J24	4100	E 5
H	2399	L19	4200	L 4
	2400	C17	4201	L 4
	2402	C16	4405	I22
	2404	E15	4407	K23
	2405	E15	4410	M23
	2409	G15	4415	I13
	2410	F15	5118	D 5
	2413	I13	5155	A 9
I	2414	I15	5157	A10
	2415	I15	5170	A13
	2430	J18	5175	A14
	2432	C18	5190	G 8
	2434	C16	5400	B17
	2438	B19	5402	B16
	2439	B18	5403	H12
J	2440	C19	5404	H13
	2441	C18	5406	C21
	2442	H15	5408	C22
	2444	H20	5410	N22
	2446	C22	6300	L20
	2448	C22	6461	B26
	2449	N23	7103	F 4
K	2450	L20	7105	E 5
	2451	L21	7125	C 8
	2454	L20	7126	C 8
	2455	L21	7200	I 8
	2459	N23	7210	J 8
	3103	C 5	7233	K 4
	3104	C 5	7234	L 3
	3105	C 5	7335	C23
L	3106	E 6	7337	C24
	3107	E 6	7338	B25
	3108	F 6	7350	H 3
	3155	A 8	7380	D25
	3156	B 9	7400	D14
	3157	B11	7402	F14
	3158	B11	7404	H14
	3170	A12	7406	C16
M	3175	A15	7408	D20
	3196	G11	7410	K21
	3196	G11	7755	L 8
	3200	H 7	9045	J23
	3201	H 7		
	3202	H 8		
	3211	J 7		
	3212	J 8		
N	3214	N13		
	3220	G10		
	3221	G10		
	3222	H10		
	3227	J17		
	3228	J17		
	3231	K 9		
	3232	K 9		
O	3233	K 3		
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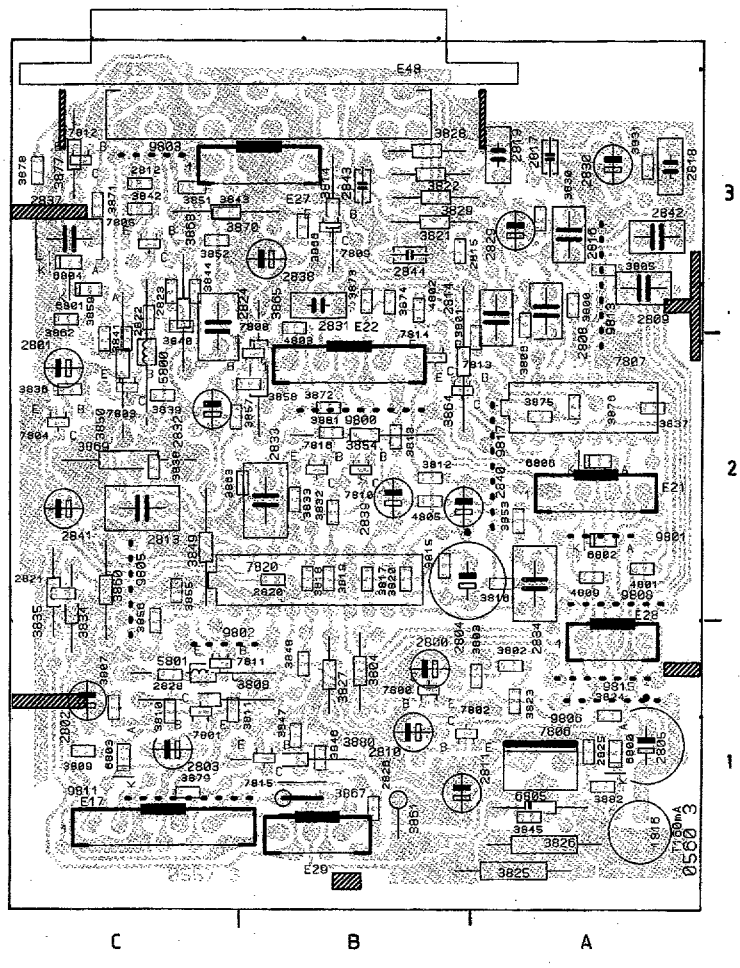
	3235	J10		
	3236	L 3		
	3237	L 4		

1006 SECOND SCART MODULE



E17 C1	3810 C1	3869 C2
E21 A2	3811 B1	3870 C3
E22 B2	3812 B2	3871 C3
E27 B3	3813 B2	3872 B2
E28 A1	3814 B3	3873 B3
E29 B1	3815 B2	3874 B3
E48 B3	3816 A2	3875 A2
1816 A1	3817 B2	3876 A2
2800 B1	3818 B2	3877 C3
2801 C2	3819 B2	3878 C3
2802 C1	3820 B2	3879 C1
2803 C1	3821 B3	3880 B1
2804 A2	3822 B3	3881 B2
2805 A1	3823 A1	3882 A1
2808 A3	3824 A1	4801 A2
2809 A3	3826 A1	4802 B3
2810 B1	3827 B1	4803 B3
2811 B1	3828 B3	4805 B2
2812 C3	3829 B3	4809 A2
2813 C2	3830 A3	5800 C2
2814 A3	3831 A3	5801 C1
2815 B3	3832 B2	6800 A1
2816 A3	3833 B2	6801 C3
2817 A3	3834 C2	6802 A2
2818 A3	3835 C2	6803 C1
2819 A3	3836 C2	6804 C3
2820 B2	3837 A2	6805 A1
2821 C2	3838 C2	6806 A2
2822 C3	3839 C2	7800 B1
2823 C3	3840 C3	7801 C1
2824 C3	3841 C2	7802 A1
2825 A1	3842 C3	7803 C2
2826 B1	3843 C3	7804 C2
2828 C1	3844 C3	7805 C3
2829 A3	3845 A1	7806 A1
2830 A3	3846 B1	7807 A2
2831 B3	3847 B1	7808 B2
2832 C2	3848 B1	7809 B3
2833 B2	3849 C2	7810 B2
2834 A2	3850 C2	7811 C1
2837 C3	3851 C3	7812 C3
2838 B3	3852 C3	7813 B2
2839 B2	3853 A2	7814 B2
2840 B2	3854 B2	7815 B1
2841 C2	3855 C2	7816 B2
2842 A3	3856 C2	7820 B2
2843 B3	3857 B2	9800 B2
2844 B3	3858 B2	9801 A2
3800 A3	3859 C2	9802 C1
3801 A3	3860 C2	9803 C3
3802 A1	3861 B1	9805 C2
3803 A1	3862 C3	9806 A1
3804 B1	3863 B2	9808 A2
3805 A3	3864 B2	9811 C1
3808 A3	3865 B2	9813 A3
3807 C1	3866 B3	9815 A1
3808 C1	3867 B1	9817 A2
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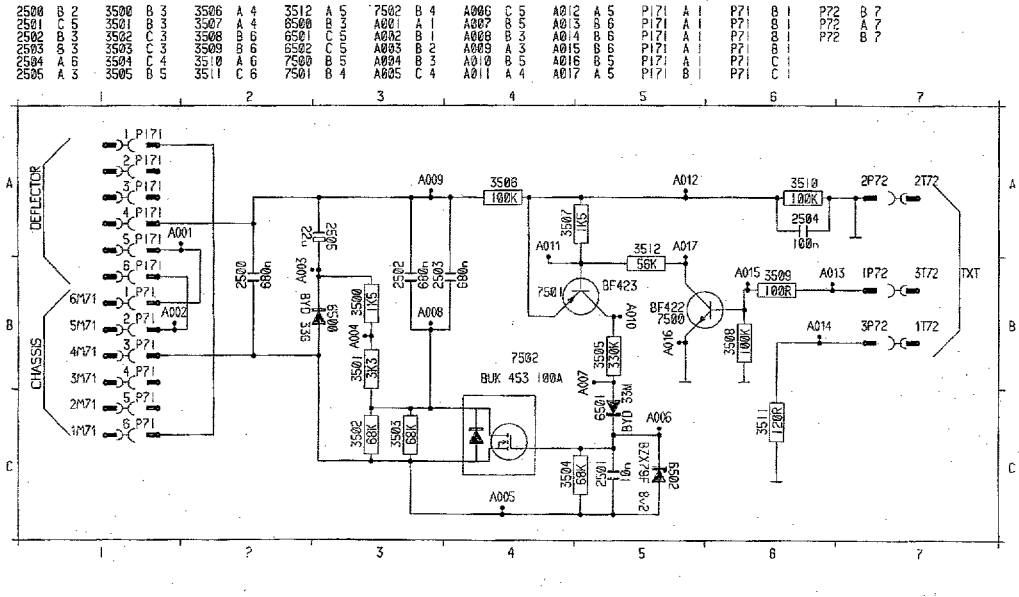
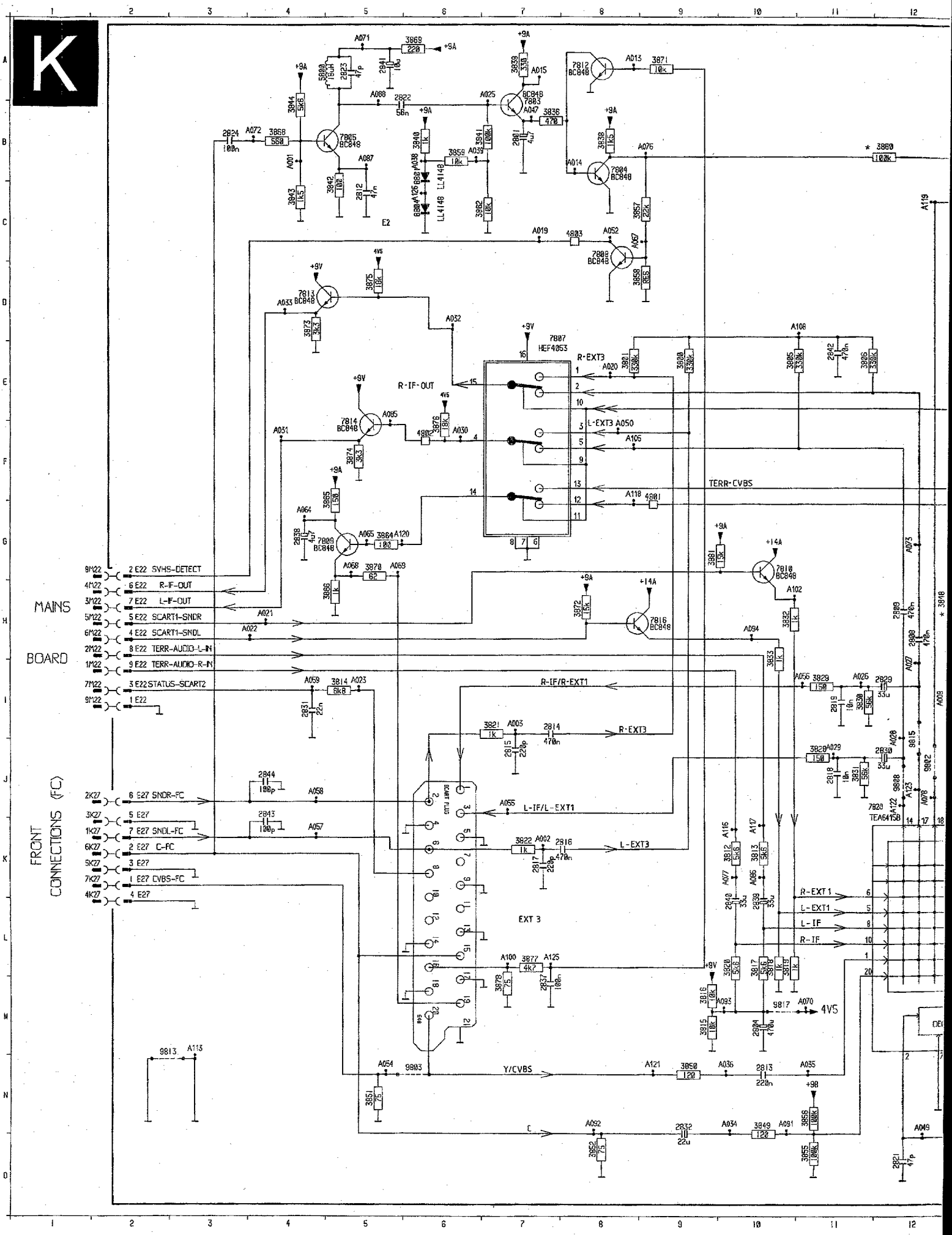
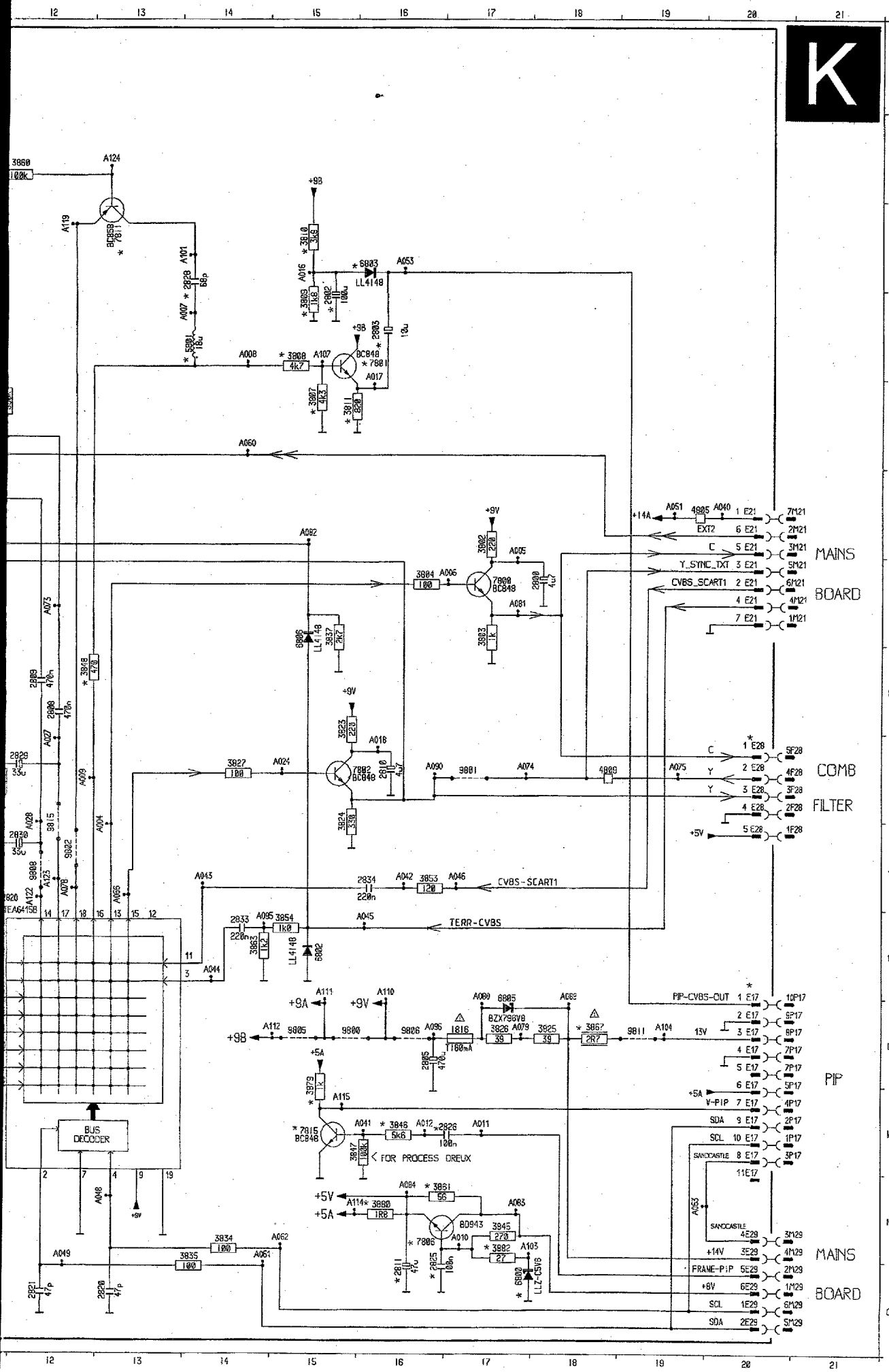
1105 PANORAMA MODULE

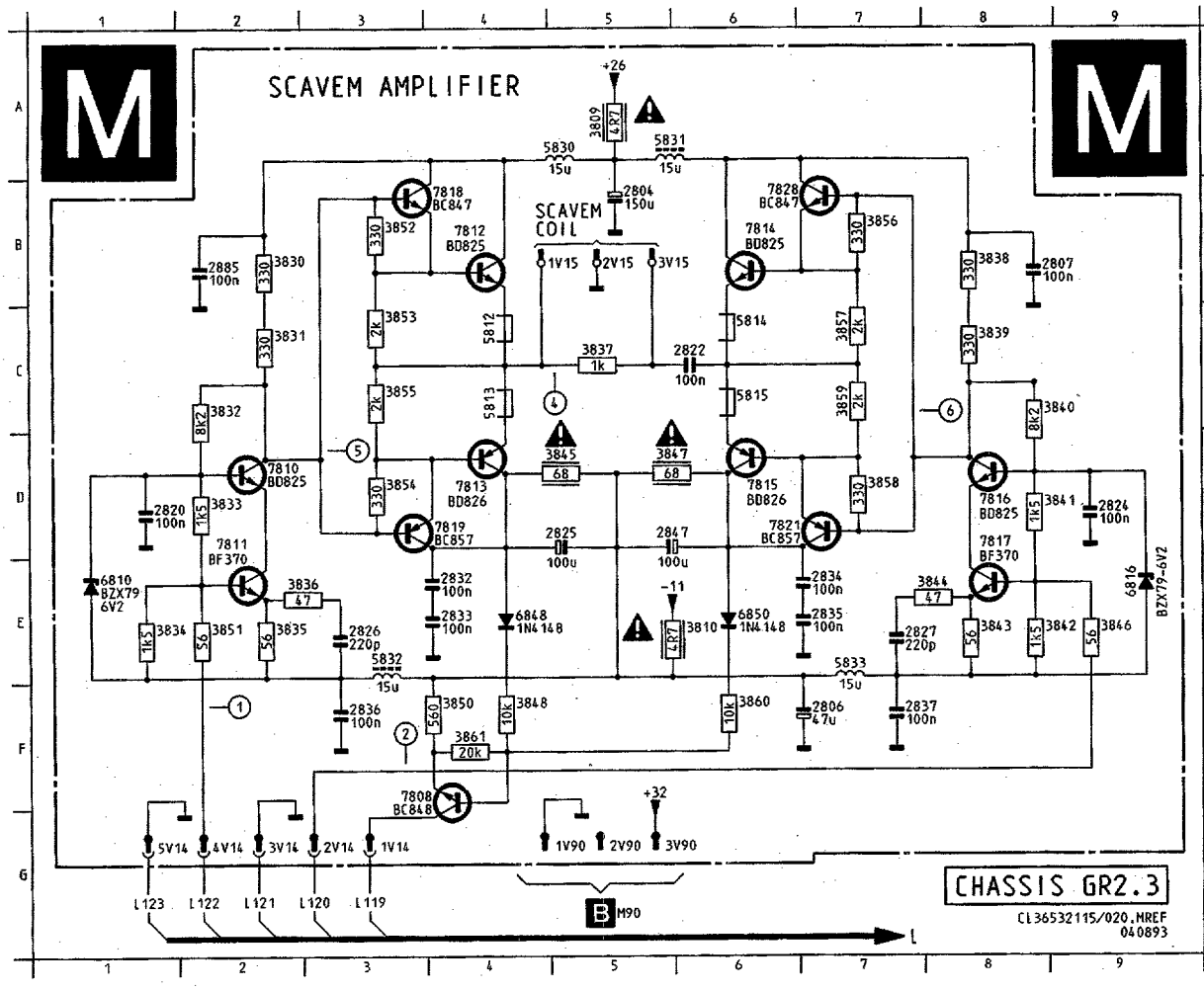


Second scart module



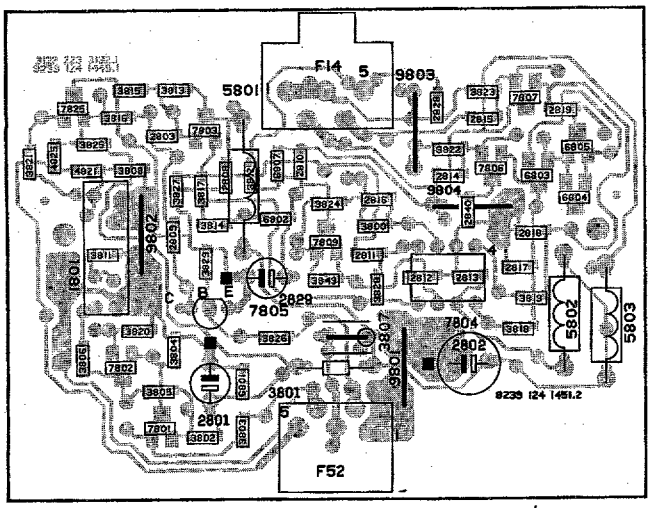

K
MAINS BOARD
COMB FILTER
PIP
MAINS BOARD
BUS DECODER
CVBS-SCART1
TERR-CVBS
FOR PROCESS DREUX
PIP-CVBS-OUT
V-PIP
SDA
SCL
SANDCASTLE
FRAME-PIP
+14V
+9V
+5A
+8A

SCAVEM

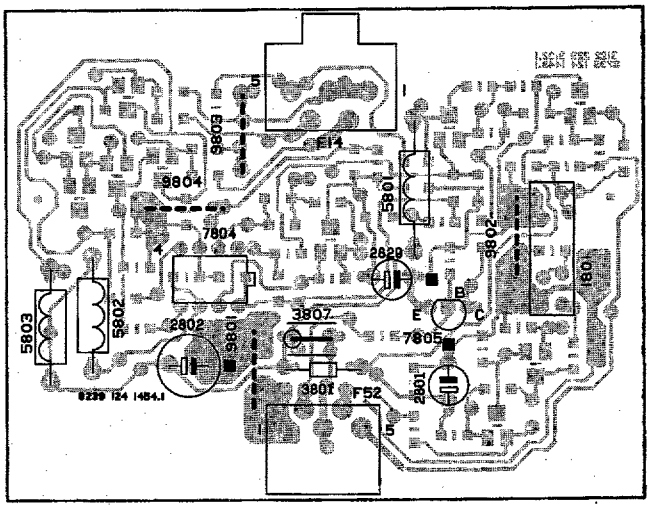


2804	B 5	5831	A 5	3809	A 5	7818	B 2
2806	F 7	5832	E 3	3810	E 6	7819	D 2
2807	B 8	5833	E 7	3821	C 2	7821	D 6
2820	D 1	6810	E 1	3830	B 2	7828	B 6
2822	C 6	6816	E 9	3831	C 2		
2824	D 9	6848	E 4	3832	C 2		
2825	D 5	6850	E 6	3833	D 2		
2826	E 3	7808	F 4	3834	E 1		
2827	E 7	7810	D 2	3835	E 2		
2832	E 4	7811	D 2	3836	E 3		
2833	E 4	7812	B 4	3837	C 5		
2834	E 7	7813	D 4	3838	B 8		
2835	E 7	7814	B 6	3839	C 8		
2836	F 3	7815	D 6	3840	C 8		
2837	F 7	7816	D 8	3841	D 8		
2847	D 5	7817	D 8	3842	E 8		
2885	B 2	7818	B 4	3843	E 8		
3809	A 5	7819	D 4	3844	E 8		
3810	E 6	7821	D 6	3845	D 5		
3830	B 2	7828	B 6	3846	E 9		
3831	C 2			3847	D 5		
3832	C 2			3848	F 4		
3833	D 2			3850	F 4		
3834	E 1			3851	E 2		
3835	E 2			3852	B 3		
3836	E 3			3853	C 3		
3837	C 5			3854	D 3		
3838	B 8			3855	C 3		
3839	C 8			3856	B 7		
3840	C 8			3857	C 7		
3841	D 8			3858	D 7		
3842	E 8			3859	C 7		
3843	E 8			3860	F 6		
3844	E 8			3861	F 4		
3845	D 5			5812	C 4		
3846	E 9			5813	C 4		
3847	D 5			5814	C 6		
3848	F 4			5815	C 6		
3850	F 4			5830	A 5		

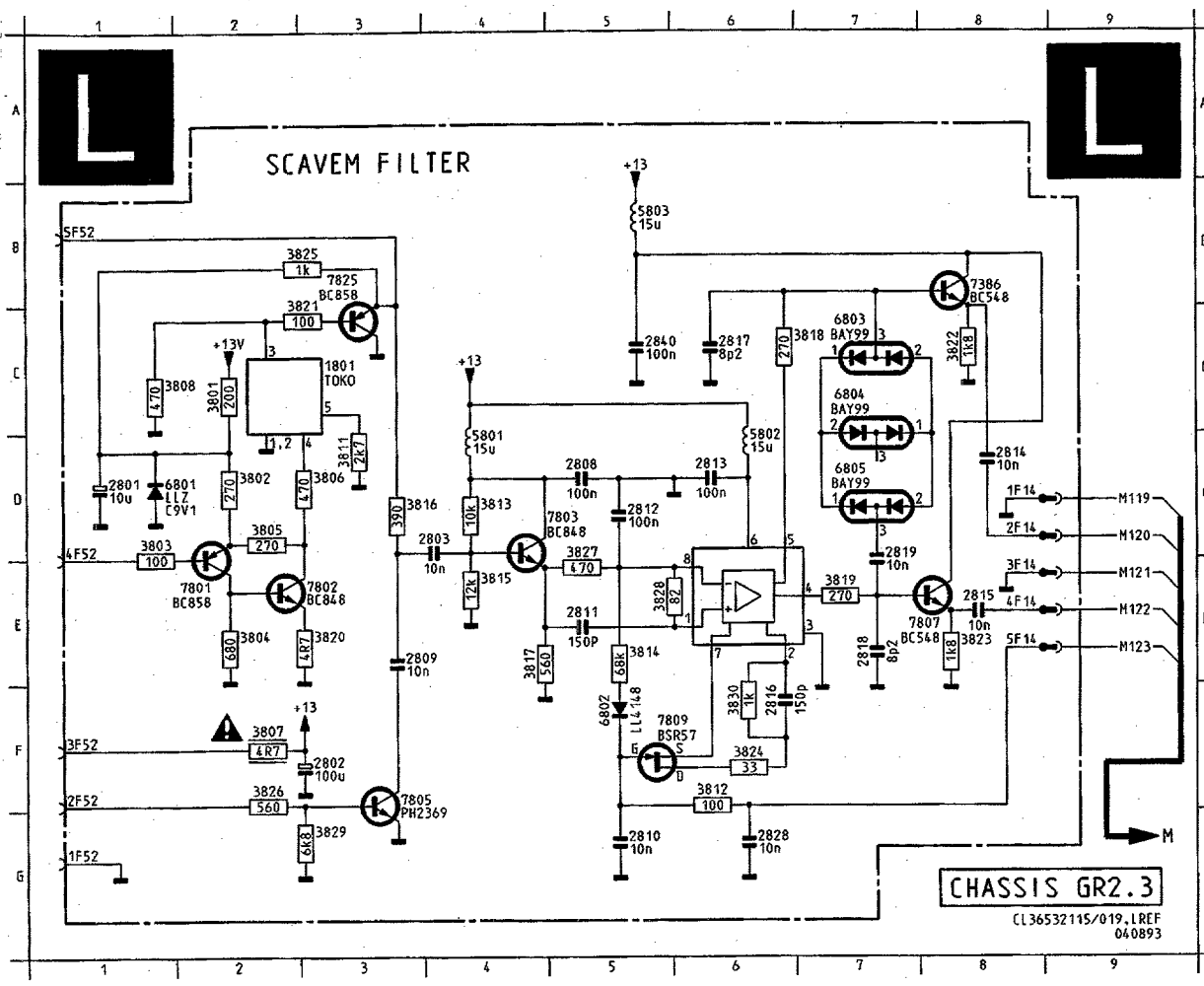
SCAVEM FILTER



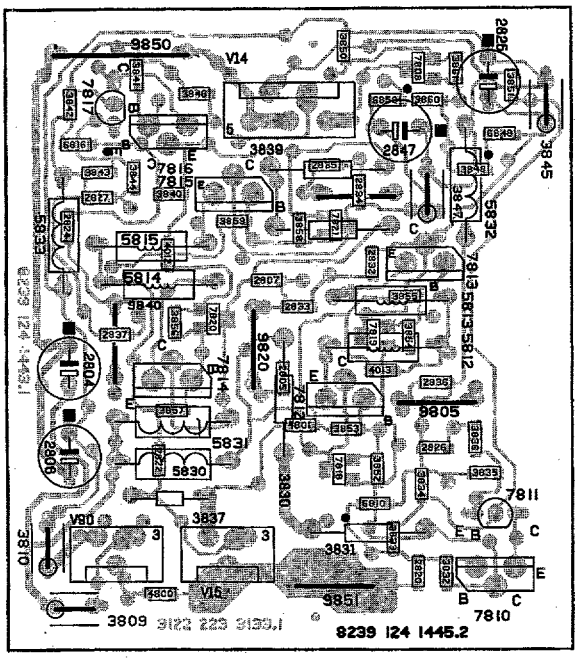
SCAVEM FILTER



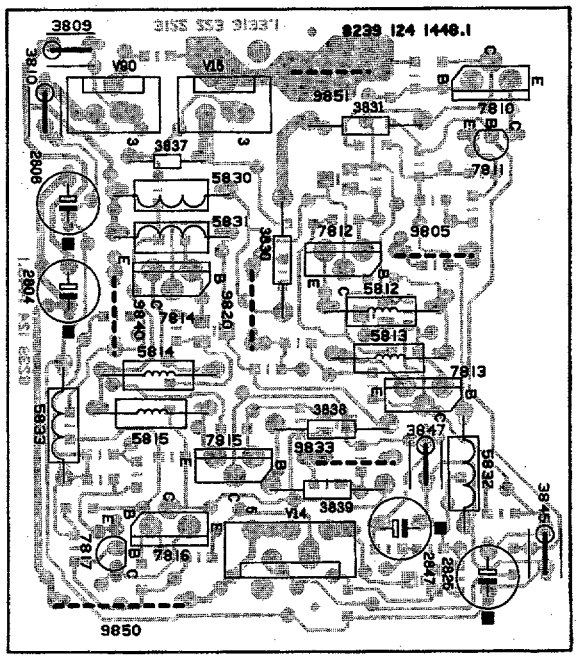
SCAVEM



SCAVEM AMPLIFIER



SCAVEM AMPLIFIER



7. Electrical adjustments

Setting conditions

All electrical settings should be made under the following conditions:

* supply voltage: 220 - 240 V ± 10%; 50 Hz± 5%
* warming-up time ≈ 10 minutes
* the voltages and oscillograms have been measured with regard to tuner earth.
* measuring probe: Ri > 10 MΩ; Ci < 2.5 pF.

1. Settings on the carrier board

1.1 +148V/+95V supply voltage

Connect a voltmeter over C2631. Using R3635, set the supply voltage to +148V ± 0.5V for 25" and 28" units or to 95V ± 0.5V for 21" units.

1.2 Focusing

This is set using the focusing potentiometer (on the top of the line output transformer).

1.3 Vg2 setting

Connect a pattern generator and supply a blanking frame signal (black picture). Switch the unit to the service default mode (see section 9).
Connect an oscilloscope to the emitters of transistors 7304 and 7364 on the picture tube module. Set the oscilloscope to frame frequency. Measure the DC voltage level of the measuring pulses (see Fig. 7.2).
Using the Vg2 potentiometer on the line output transformer, set the measuring pulse with the lowest DC voltage level to:

* +145 5V for 25" and 28" blackline sets (screened high tension cable)
* +135 5V for 28"/25" 16/9 sets
* +145 5V for 21"/25"/28" 110 degree sets
* +95 5V for 21" sets (90 degrees)

1.4 Horizontal synchronization

Connect pin 5-IC7470 to pin 9-IC7470.
Supply an aerial signal and tune the set.
Adjust potentiometer 3457 until the picture is straight.
Remove the interconnection.

1.5 Horizontal centring

Set using potentiometer 3461.

1.6 Vertical centring

Set using potentiometer 3516.

1.7 Picture height

Set using potentiometer 3504.

1.8 Chroma bandpass filter

a. Setting for PAL/SECAM sets (TDA4650)

Connect a signal generator (e.g. PM 5326) to pin 20 of the euroconnector (EXT1) and set its frequency to 4.286 MHz/0.2 Vpp. Switch the unit to EXT1. Connect pin 27-IC7306 to pin 13-IC7306 (+12V). Connect an oscilloscope to pin 15-IC7306.
Set 5301 to maximum amplitude.
Remove the interconnection.

b. Setting for PAL sets (TDA4510)

Connect a signal generator (e.g. PM 5326) to pin 20 of the euroconnector (EXT1) and set its frequency to 4.43 MHz. Connect the unit to EXT1. Connect pin 18-IC7306 with pin 7-IC7306 (+8V). Connect an oscilloscope to pin 9-IC7306. (TDA4567)
Adjust 5301 to maximum amplitude.
Remove the through connection.

1.9 Chroma auxiliary oscillator

Connect a pattern generator and supply a PAL colour bar pattern. Connect pin 11-IC7305 (TDA4510) or pin 17-IC7306 (TDA4650) to earth. Set 2313 so that the colour on the screen has practically stopped. Remove the interconnection.

1.10 White balance

Connect a pattern generator and select a white picture. Switch on the service menu (see section 9) and select "WHITE BALANCE".
Set the value of "Green" to 51, and the Value of "Blue" to 46. In most cases no futher adjustments are required.

1.11 Peak white limit

Switch in the service menu (see chapter 9) and select "WHITE BALANCE". Adjust "WH/LIM" to a value of:

- 43 for 16/9 sets
- 53 for non-blackline units
- 53 for 21" units.

1.12 Cut-off points of the picture tube

Connect a pattern generator and select a black picture. Switch on the service menu (see section 9) and select "CUT OFF".
Set the value of "Red" to 56, and fore "Green" to 16, and for "Blue" to 15. In most cases no futher adjustments are required.

1.13 Options

Switch in the service menu and select "OPTIONS". Switch the options "ON" and "OFF" according to whether the following options are present:

- "PIP" on a PIP set
- "TELETEXT" on a teletext set
- "MULTI SYSTEM" for multisystem sets
- "UHF ONLY" for a tuner which can only be tuned to the UHF band
- NICAM for stereo sets that can also receive NICAM.

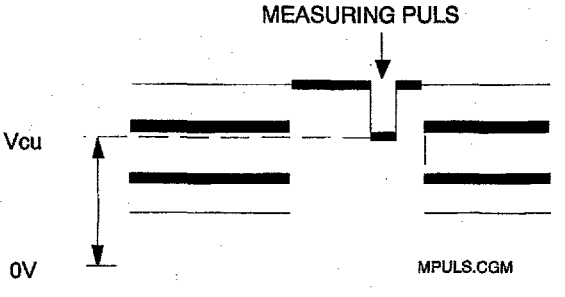


Fig. 7.2

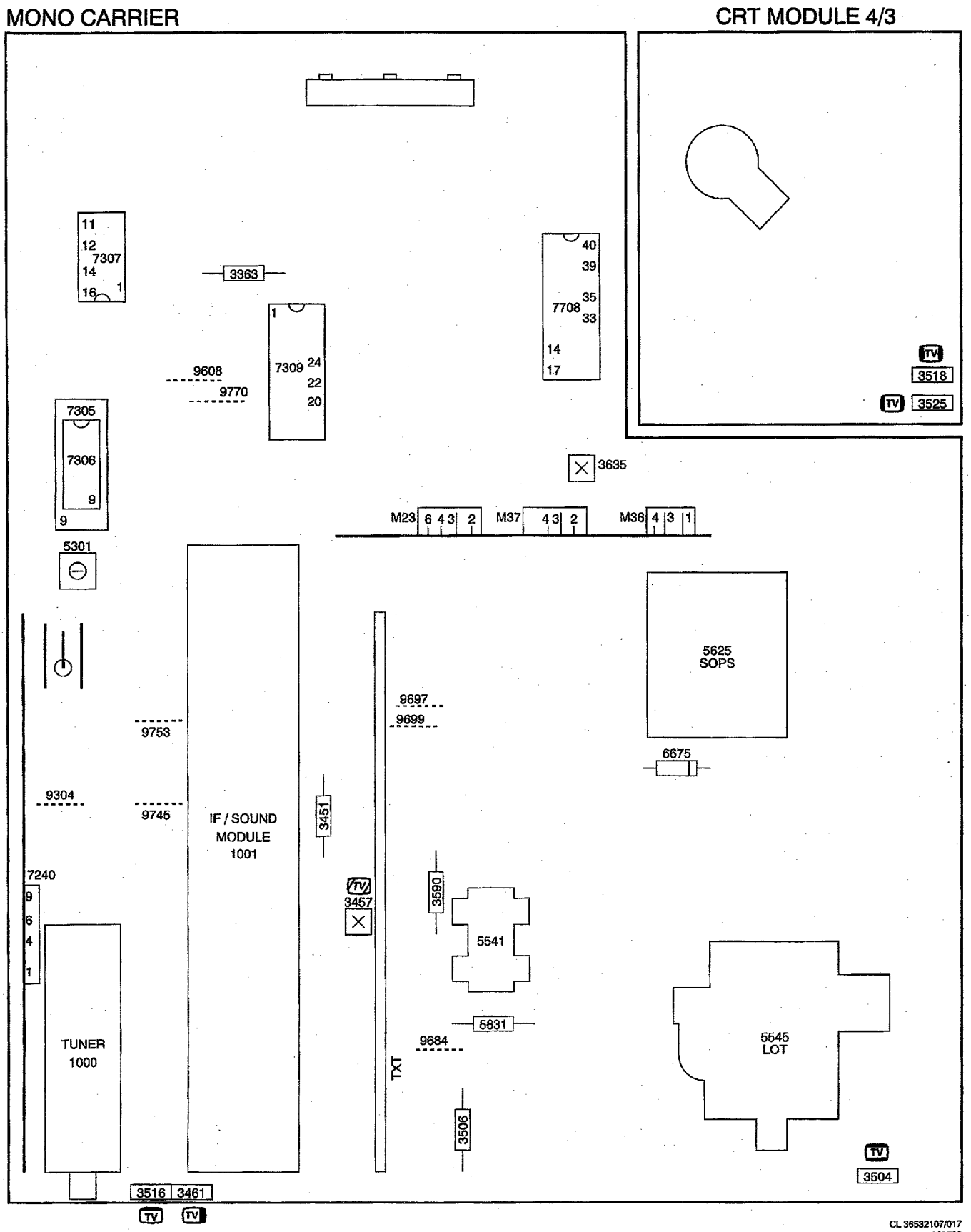

MONO CARRIER
CRT MODULE 4/3
11
12
7307
14
16
1
3363
1
7309
24
22
20
9608
9770
40
39
7708
35
33
14
17
TV
3518
TV
3525
7305
7306
9
9
3635
M23
6 4 3
2
M37
4 3
2
M36
4 3
1
5301
5625
SOPS
9697
9699
9753
6675
9304
9745
IF / SOUND
MODULE
1001
3451
7240
9
6
4
1
TV
3457
3590
5541
5631
9684
TXT
3506
TUNER
1000
5545
LOT
TV
3504
3516
3461
TV
TV
CL 36532107/017
080793

Fig. 7.1

Electrical adjustments

2. MF/sound module adjustment

2.1 The M.F. sound modulator

a. For multi-system France (BGLI).

Stereo + mono:

- Connect a pattern generator (e.g PM 5518) to the tuner and adjust the generator to SECAM L with a frequency of 47.25 MHz (SECAM L'). Adjust L 5080 to minimum picture distortion.
- Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz.

Stereo:

- Connect an oscilloscope to pin 17 of IC 7100 (TDA 3856). Using L 5104 adjust the amplitude of the signal to its minimum value.

b. For Europe (BG) stereo and East-European multi system (BGDK) stereo.

- Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz.
- Connect an oscilloscope to pin 15 of IC 7101 (TDA 3857). Using L 5104 adjust the amplitude of the signal to its minimum value.

c. For NICAM (BGI) stereo.

- Adjust the pattern generator to PAL BG with frequency of 475.25 MHz.
- Connect an oscilloscope to pin 15 of IC 7100 (TDA 3857). Using L 5103 adjust the amplitude of the signal to its minimum value.

2.2 The FM sound modulator

a. For multi system France (BGLI) + Europe + mono UK.

Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz with stereo L= 3kHz and R= 1kHz.

- 5.5 MHz
  Test with an oscilloscope on pin 7 of IC7101 (pin 9 of IC7100). Using L5105 adjust to maximum amplitude.
- 5.74 MHz (for stereo only).
  Test with an oscilloscope on pin 6 of IC7101 (pin 8 of IC7100). Using L 5103 adjust the amplitude to its maximum value.

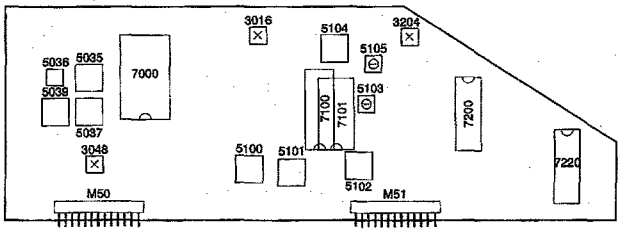
b. For NICAM

- NICAM I.
  Adjust the pattern generator to PAL I with a frequency of 475.25 MHz. Select analogue sound.
  Connect an oscilloscope to pin 7 of IC 7100 (TDA 3857). Using L 5102 adjust the amplitude to its maximum value.
- NICAM BG.
  Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz. Select analogue stereo sound with L= 3kHz and R= 1kHz.

* 5.5 MHz.
Connect an oscilloscope to pin 7 of IC 7100 (TDA 3857). Using L 5102 adjust the amplitude to its maximum value.

* 5.74 MHz.
Connect an oscilloscope to pin 6 of IC 7100 (TDA 3857). Using L 5101 adjust the amplitude to its maximum value.

STEREO IF/SOUND MODULE



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190193

Fig. 7.3

2.3 AFC and picture demodulation:

Adjust the pattern generator to the system given in the table below (PAL BGI and SECAM BGDK to 475.25 MHz, SECAM L' to 47.25 MHz).

- Connnect an oscilloscope to pin 3 of connector G 29 and using L 5035 or L 5037 (see table) adjust the amplitude to its minimum value.
- Connect an oscilloscope to pin 11 of connector G 29 and using L 5036 or L 5038 (see table) adjust to 2V DC.

2.4 RF-AGC

If the picture from a strong local transmitter is distorted, adjust 3016 until the picture is not distorted.

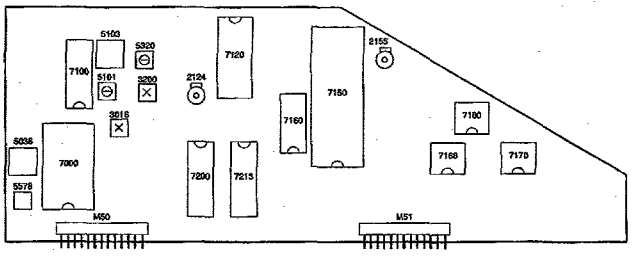
2.5 MF-AGC (Multi French (BGLI) system sets).

Connect a pattern generator and select a SECAM-L colour bar signal with a frequency of 475.25 MHz. Connect an oscilloscope to pin 3 of connector M 50. Using 3048 adjust the amplitude of the video signal to 1.8 Vpp.

2.6 Stereo matrix (stereo and NICAM units)

Connect a pattern generator and supply a PAL BG signal with stereo sound. Select only the right-hand channel sound. Set the balance of the unit completely to the left. Set 3204 (stereo units) or 3200 (NICAM PAL BG units) to minimum sound reproduction.

NICAM IF/SOUND MODULE



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190193

Fig. 7.4

3. Adjustments on the PIP module (Fig. 7.5)

Adjustment conditions

Before making each adjustment, ensure that a PIP picture with the prescribed signal is visible on the screen and that the unit has reached its operating temperature (after ≈ 10 min.).

3.1 Horizontal synchronization

Do not supply an aerial or generator signal. Connect pin 28-IC7125 to pin 13-IC7125 if TDA4554 is present (PAL selection). Connect pin 5-IC7755 to earth.
Measure the frequency at pin 17-IC7755 and using 3239 set it to 15.625 Hz ± 25 Hz.
Remove the interconnection.

3.2 Chroma bandpass filter

a. Adjustment for PIP modules with TDA4554

Connect a signal generator (e.g. PM 5326) to pin 10 of P17 and set its frequency to 4.286 MHz/0.2 Vpp.
Connect pin 27-IC7125 to 13-IC7125. Connect an oscilloscope to pin 15-IC7125.
Set 5118 to maximum amplitude.
Remove the interconnection.

b. Adjustment for PIP modules with TDA4510

Connect a signal generator (e.g. PM 5326) to pin 10 of P17 and set its frequency to 4.43 MHz/0.2Vpp.
Connect an oscilloscope to pin 9-IC7126.
Set 5118 to maximum amplitude.

3.3 PAL chroma auxiliary oscillator

Connect a pattern generator and supply a PAL colour bar pattern. Connect pin 17-IC7125 (TDA4554) or pin 11-IC7126 (TDA4510) to earth.
Set 2202 so that the colour of the PIP picture is practically still. Remove the interconnection.

3.4 NTSC chroma auxiliary oscillator for PIP modules with TDA4554

Connect a pattern generator and supply an NTSC M colour bar pattern. Connect pin 17-IC7125 to earth. Set 2202 so that the colour of the PIP picture is practically still. Remove the interconnection.

3.5 Delay line

Connect a pattern generator and supply a PAL colour bar signal. Connect the X-input of the oscilloscope to pin 1-IC7125 (TDA4554) or pin 1-IC7126 (TDA4510). Connect the Y-input of the oscilloscope to pin 3-IC7125 (TDA4554) or pin 2-IC7126 (TDA4510). Set the oscilloscope to the X-Y position.
Set 5155 and 5157 so that the vectors lie in one line (points which are furthest from the origin).
Set the pattern generator to the "DEM" mode.
Set R3157 so that the vectors lie on top of one another in the origin.

3.6 SECAM identification for PIP modules with TDA4554

Connect a pattern generator and supply a SECAM colour bar signal.
Connect pin 27-IC7125 to pin 13-IC7125.
Connect an oscilloscope to pin 21-IC7125.
Set 5190 to minimum DC level.
Remove the interconnection.

3.7 SECAM demodulators for PIP modules with TDA4554

Connect a pattern generator and supply a SECAM signal without contents (black). Connect pin 27-IC7125 to pin 13-IC7125. Connect an oscilloscope to pin 1-IC7125. Using 5175, set the DC level during the scan equal to the DC level during the flyback.
In the same way set 5170, but now measure at pin 3-IC7125. Remove the interconnection.

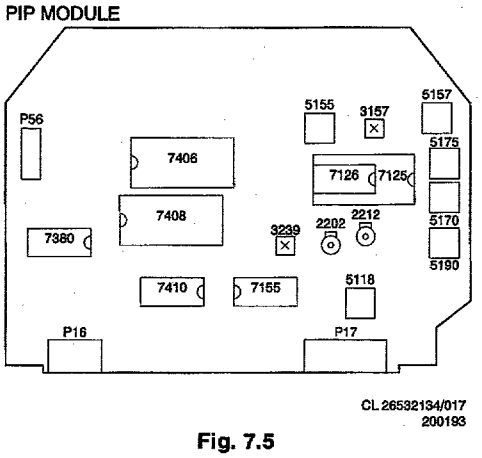

Fig. 7.5

4. Adjustments on the picture tube module

4.1 Picture width 4/3

Is adjusted with potentiometer 3525

4.2 East/West correction 4/3

Is adjusted with potentiometer 3521. This adjustment is only applicable to 25" and 28" sets.

4.3 16/9 adjustment

Select "16/9 adjust" in the service menu.
This information will only appear on the screen if "16/9 tube" status indicates "on" ("off" for a 4/3 set) by using the "menu +/-" key.
The following options can now be adjusted using the "menu +/-" key:
- adjust "height" to fill picture height;
- adjust "width" to fill picture width;
- adjust "Parab 4/3 to correct the east/west deflection during a 4/3 broadcast;
- adjust "Max zoom 4/3" to fill the screen completely during a 4/3 broadcast;
- adjust "Parab 16/9 to correct the east/west deflection during a 16/9 broadcast.

8. List of error messages and repair tips

Error indication	Description	Possible fault
OSD: ERR PIP	I^2C fault PIP module	* +5 on PIP module * IC7406
OSD: ERR TXT	I^2C fault TXT module	* +5 on teletext module * IC7800
OSD: ERR NICAM	I^2C fault IC7160 (NICAM units)	* +5 on IF/sound module * IC7160, C2160, C2161, C2221, C2222 * IC7213
OSD: ERR 8415	I^2C fault IC7200 (stereo and NICAM units)	* +14 on IF/Sound module * IC7200 * IC7220
OSD: ERR 8425	I^2C fault IC7215 (NICAM units) I^2C fault IC7220 (Stereo units)	* IC7213/IC7220
OSD: ERR EEPROM	I^2C fault IC7710	* IC7710
OSD: ERR TUNER	I^2C fault tuner	* Tuner * TS7003
OSD: ERR CHROMA 1 OSD: ERR CHROMA 2	I^2C fault IC7309 I^2C fault IC7308	* IC7309 (+8) * IC7309/IC7308
Flashing LED	Internal fault in µP	* IC7708
OSD: ERR BUS	I^2C-bus blocked	* C2714/C2715
OSD: ERR 8444	I^2C error IC7509 (16/9 sets)	* IC7509
OSD: ERR 5246	I^2C fault IC7800	* IC7800
OSD: ERR 6415	I^2C fault IC7820	* IC7820

9. Directions for use

1. Service-Default-Mode

The GR2.3 is equipped with a service default mode. The service default mode is a fixed defined condition in which the television can be set.

1.1 Mode definition

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

- all sound and picture adjustments are set in the middle position (except volume, which is set at low and zoom set at zero) in 4/3 mode.
- The set is tuned to 475.25 MHz
- system:
  * PAL BG or PAL I for single system sets (MULTI-SYSTEM "OFF")
  * SECAM L/DK for multi-system sets (MULTI-SYSTEM "ON")
  * SECAM DK for sets for Eastern Europe (MULTI-SYSTEM "ON").
  * PAL BG for sets for Eastern Europe (MULTI-SYSTEM "OFF").

1.2 Service-default-mode

The service default mode is switched on by briefly short-circuiting the pins M33 and M34 (SERVICE) behind the INSTALL key on the carrier panel when switching the unit on with the mains switch. In order to indicate that the unit is in the service default mode, an "SER" appears on the screen.
The service default mode can only be switched off by switching the unit to standby (⏻). The set is switched off and then on again using the mains switch or mains plug, the service default mode remains switched on.
Searching for transmitter frequencies begins following the simultaneous pressing of both "install" keys on the remote control. Press both keys to store the frequency concerned. When the service default mode is operational the following functions are switched off:

- automatic video switch-off
- automatic cut-off circuit.

The set can be controlled normally.

1.3 Service menu

- Service menu

The service menu is activated by simultaneously pressing the "menu" and "+" keys on the local operating panel. The service menu now appears on the screen. The service menu offers the facility to set various options and make a number of picture tube settings. The various components in the service menu are selected using the coloured keys on the remote control.The adjustment of the various components is performed with the aid of the "menu +/-" keys on the remote control. The adjusted values and options are immediately stored in the EEPROM when the service menu is exited via "menu on" or "mainsknob" button. With the "menu" key you return to the "default service mode".

Remarks 1:
If a multi-system set is nevertheless to be used with the PAL BG system in the service default mode, the option "MULTI" can be temporarily switched off ("OFF").

Remarks 2:
If a multi-system set for Eastern Europe is nevertheless to be used with the PAL BG system in the service default mode, the option "MULTI" can be temporarily switched off ("OFF").

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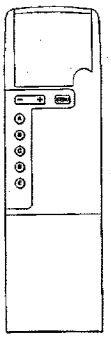
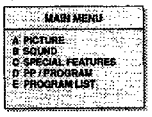
Selecting the main menu



The **MAIN MENU** gives you access to the special adjustments and functions of your TV set.

- Press the **MENU** key on the remote control.
- **MAIN MENU** appears on the screen as well as the channel number.

The coloured **A, B, C, D** and **E** keys give access to the various choices.
The - + key enables you to make adjustments. The **MENU** key enables you to quit or call up the menu.



Adjusting the picture

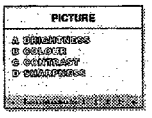
After having called up the **MAIN MENU** (see above) :

- Press the red key **A**.
- The **PICTURE** menu appears on the screen.

Brightness, colour, contrast, sharpness

- Press the coloured key (**A, B, C** or **D**) corresponding to the adjustment you wish to make.
- A horizontal ladder appears on the bottom of the screen.
- Press the - + key to adjust.
- The cursor moves according to your adjustment.
- Press one of the coloured keys to switch from one adjustment to another.

To leave the **PICTURE** menu, press the **MENU** key on the remote control.



PP for each programme

TV channels are not always transmitted with the same level of sound and picture. At the reception, you can have difference of quality between the channels. **PP / PROGRAM** allows you to correct this differences. This function stores brightness, colour and volume adjustments specific to each program.

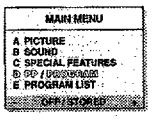
If you wish to store identical picture and sound adjustments for all the channels, use first the **PERS. PREFERENCE** *function on the* **INSTALLATION** *menu (p. 6). Then use* **PP / PROGRAM** to correct differences between the channels.

First do your picture and sound adjustments for the chosen channel.

Then, starting from the **MAIN MENU** :
(to select it, press the **MENU** key on the remote control)

- Press the blue key **D**.
- **OFF** appears on the bottom of the screen.
- Press the - + key to store the adjustments of the channel on the screen.
- **STORED** appears. The brightness, colour and volume adjustments are stored for that channel.

From now on, if you upset your TV set, you can find these adjustments by pressing the green key **PP** *on the remote control*



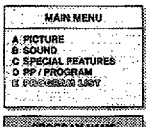
List of programmes

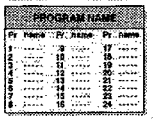
This function allows you to consult the list of programme names and numbers which you have stored in the **INSTALLATION** menu.

Starting from the **MAIN MENU** :
(to select it, press the **MENU** key on the remote control)

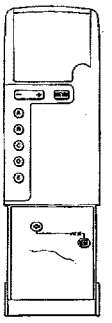
- Press the white key **E**.
- The programme list appears on the screen.

To leave the main menu, press the **MENU** key on the remote control twice.





Selecting the installation menu



This menu enables you to tune the TV channels.

- Press keys ⇔ and ⊛ on the remote control at the same time.
- The **INSTALLATION** menu appears.

Selecting the menu language

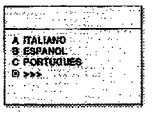
With this TV set, you may choose between several languages for the menus to be called up on your screen.
You may choose **ENGLISH** or one of the other languages offered.

Starting from the **INSTALLATION** menu :
(to select, press keys ⇔ and ⊛ at the same time)

- Press the red key **A**.
- The **LANGUAGE** menu appears.
- Press the coloured key **A, B, C** or **D** corresponding to your language choice.
- The menus appear in the language you have chosen and the **INSTALLATION** menu reappears.

If none of the languages offered suits you :

- Press the white key **E**.
- A second menu appears.
- Select your language or press the blue key **D** to return to the previous menu.
- From now on, all the menus will be displayed in the chosen language.



Searching for the TV channels

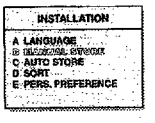
The installation menu offers two possibilites of searching for the TV channels : **manual store** or **automatic store**.

Manual store

When following the instructions of the **MANUAL STORE** menu, proceeding, **step by step**, in the following order.

Starting from the **INSTALLATION** menu :
(to select it, press keys ⇔ and ⊛ on the remote control)

- Press the green key **B**.
- The **MANUAL STORE** menu appears.



step a Search

- Press the red key **A**.
- The TV set searches for a channel. The frequency counter appears in colour on the bottom of the screen. It runs through all the frequencies. The search ends as soon as a channel is found. The picture becomes stable as well as the frequency number of this channel which appears in white. If you wish to store this channel, **go on to step b**.

If you do not want to store it :

- Press the red key **A** again.
- The TV set begins its search again.

If no picture is found, refer to the tips chapter (p. 23).

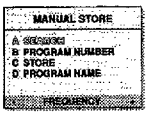
Fine tuning :

If the reception of a TV channel does not satisfy you, you may adjust its frequency by using the - + key on the remote control.

Direct selection of a transmitter :

If you know the frequency of a channel you wish to receive, you can directly enter its frequency with the keys numbered **0** to **9** on the remote control (eg : for 64 MHz, enter 064).

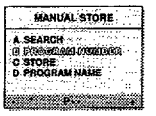
If you only know the channel, refer to the table of TV frequency on the last page of this handbook.



step b Numbering the channel

- Press the green key **B**.
- A display zone appears on the bottom of the screen.
- Press the - **P** + key until the number you want appears or enter the number of the channel with the keys numbered **0** to **9**.

To obtain a channel with two figures, you should add the second figure before the hyphen disappears.



Automatic store

Your TV set will, by itself, search for all the TV channels available in your area. You will just need to sort the channels and give them a programme number.

step a Search

Starting from the **INSTALLATION** menu :
(to select, press keys ✣ and OK on the remote control)

- Press the yellow key **C**.
- ▷ **OFF** appears on the bottom of the screen.
- Press the **-** **+** key .
- ▷ The TV set starts searching. It runs through all the frequency ranges and stores the channels it comes across. It stores them starting with number 59 then 58, 57 etc... until all the channels are found. The search takes a few minutes.

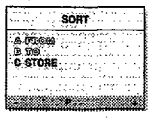
step b Numbering the channels

When the search is completed, the **SORT** menu appears automatically (this menu is also accessible from the **INSTALLATION** menu).

- Press the red key **A**.
- ▷ A display zone appears on the bottom of the screen. Use the **-** **P** **+** key or the keys numbered **0** to **9** to consult the channels found and stored starting from number 59, 58 ... (enter, 59,58,...).

When the channel whose number you want to change is on the screen :
(eg, you wish to change the number of channel 56 to channel 1)

- Press the green key **B**.
- ▷ A display zone appears at the bottom of the screen.
- Enter the new channel number (1) with the keys numbered from **0** to **9** or with the **-** **P** **+** key.
- ▷ In our example, channel 56 becomes channel 1. **Go on to step C.**

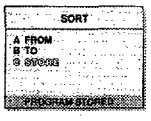


step C Storing TV channels

- Press the yellow key **C**.
- ▷ **PROGRAM STORED** appears on the bottom of the screen, the new number of the channel is stored.

Repeat steps **b** and **C** as many times as there are channel numbers to be changed. If you want to enter the programme names, **go on to step d** (previous page).

To quit the **INSTALLATION** menu, press the **MENU** key twice.



Personal preferences

Personal preferences enables you to store your own picture and sound adjustments. Before the using this function, you must make the adjustments to the television, then :

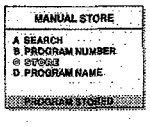
- Starting from the **INSTALLATION** menu, press the white key **E**.
- ▷ **OFF** appears on the bottom of the screen.
- Press the **-** **+** key to store your picture and sound adjustments.
- ▷ **STORED** appears. From now on, to find these adjustments, press the green key **PP** on the remote control.

step C Storing TV channels

- Press the yellow key **C**.
- ▷ **PROGRAM STORED** appears at the bottom of the screen.

To search for other channels :

repeat steps **a**, **b**, **C**.



step d Entering the programme name

You may give a 5 character name to your TV's first 24 channels (e.g.: BBC1, CNN...). This function offers you the possibility to displays the name and the number of the channel on the screen.

Starting from the **MANUAL STORE** menu :

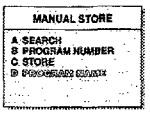
- Press the blue key **D**.
- ▷ The **PROGRAM NAME** menu appears. The television's list of programmes appears and you should enter the name of your channel. The arrow helps you select the desired character.
- Use red key **A** to move the arrow to the left and green key **B** to move it to the right.
- ▷ The selected character appears on the line, opposite the programme number.

When you have selected the right character :

- Press the yellow key **C** to go on to the next one.
- ▷ Choose another character.
To enter a space, place the arrow between **Z** and **0**.

*If you have entered the wrong character, return to it with the yellow key **C** to correct it.*

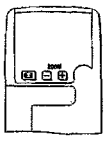
- Press the blue key **D** to enter the following programme name, on the white key **E** for the name of the previous programme.
When you have finished entering the channel names :
- Press the **MENU** key to leave the **PROGRAM NAME** menu.
- ▷ The **MANUAL STORE** menu reappears.



When searching for the channels is completed

- Press the **MENU** key twice to leave the **INSTALLATION** menu.
Now go on to the operation chapter (p. 7).

16 / 9 functions

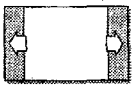


Movie expand, Panorama

This function allows to adjust the sizes of the picture to the size of your screen.

- Press key .
- ▷ The picture is enlarged horizontally (movie expand).

This function is only useful for 16/9 broadcastings.



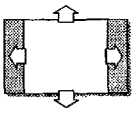
- Press key twice.
- ▷ The picture is enlarged horizontally (panorama). Only the borders of the picture are expanded.

This function is only useful for 4/3 broadcasts.

- Press again .
- ▷ The original format (4/3) is back.

Movie zoom - ZOOM +

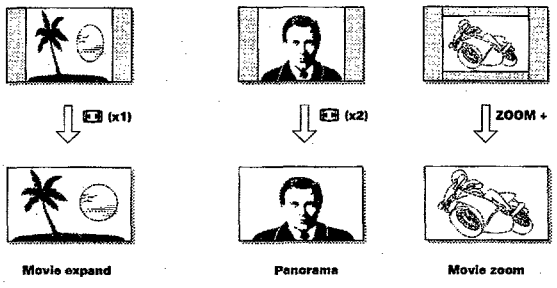
This function allows you to zoom a conventional picture (4/3) whilst maintaining the picture proportions.



- Press the **ZOOM +** key.
- ▷ Each time you press this key, the picture is zoomed.
- Press the **ZOOM -** key.
- ▷ Each time you press, the picture is reduced untill its normal size is reached.

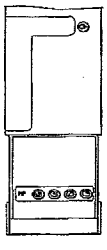
This function is useful for movies broadcasted in 4/3 cinemascope format.

Reception of 16/9 picture : **Reception of conventional picture (4/3) :**



Movie expand **Panorama** **Movie zoom**

PIP - Picture in the Picture (option)



With the PIP system, picture in picture, you can create a small picture in the main screen of your TV set.
You can thus watch **a channel on your TV set** at the same time as a programme from **other connected equipment** (video recorder, video camera...). If you want to watch 2 TV channels at the same time, you need to connect to one of the EXT socket, a video recorder or other equipment with a channel receiver(satellite receiver, ...). The sound of the small picture is not reproduced.

Switching the PIP function on and off

- Press the key.
- ▷ The PIP screen appears in the same picture as the main screen. The name of the channel appears briefly on the screen.
- Press again to switch the PIP picture off.

Choice of the PIP picture

- Press the key several times to select the peripheral equipment (video recorder, video camera,...).
- ▷ **EXT (blue)** or **EXT (orange)** appears and the corresponding picture appears in the PIP screen..

To connect the required equipment to the EXT entry, refer to the peripherals chapter (p. 19).

Exchanging the pictures

- Press once.
- ▷ The exchange is made between the main picture and the PIP screen.
- Press once more to return to the TV programme in the main screen.

Freezing the picture

- Press .
- ▷ The PIP screen freezes.
- Press once more to make the picture normal.

Moving the PIP screen

- Press .
- ▷ Every time you press this key, the window moves to a different position in the screen.

*To alter the size of the PIP screen, refer to the **SPECIAL FEATURES** menu (p. 13).*

10. Spare parts lists/Ersatzteilliste/Liste des pièces

Main panel

Various

	4822 255 70279	S-VHS COVER
	4822 256 91879	HOLDER
	4822 256 92053	FUSE HOLDER
	4822 264 40207	3P MALE FOR BTB-WT
	4822 264 50148	8P MALE FOR BTB AU
	4822 265 30378	4P MALE FOR BTB-WT
	4822 265 30389	2P MALE
	4822 265 30877	3P
	4822 265 31135	5P RFK5-BK
	4822 265 31139	5P RFK5-RD MALE
	4822 265 40421	6P MALE FOR BTB-WT
	4822 265 41346	7P RFK5-RD
	4822 265 41347	6P RFK5-BK
	4822 266 30338	6P GREEN
	4822 267 30546	6P FEMALE
	4822 267 30631	CINCH FEMALE.
	4822 267 31694	3P RFK5-BU-FEMALE
	4822 267 40624	5-SOCKET
	4822 267 40648	5POLE MALE BTB
	4822 267 40696	3-SOCKET
	4822 267 40794	3P FEMALE
	4822 267 41113	3P RFK5-WH
	4822 267 50591	6P MALE FOR BTB
	4822 267 50621	7P WHITE MALE
	4822 267 50721	9-SOCKET
	4822 267 60367	EURO-CONNECTOR
	4822 290 40283	5-SOCKET
	4822 404 31322	BRACKET SEC SCART
	4822 417 50217	4P MALE BTB
	4822 466 30395	SHIELDING MICROPROC.
	4822 492 70143	SPRING 10 X 33 MM
	4822 492 70871	SPRING
1000	4822 210 10436	U944C/IEC
1000	4822 210 50124	UV916E/IEC
1240	4822 071 51602	FUSE(1.6A)
1242	4822 071 51602	FUSE(1.6A)
1300	4822 242 81582	8,868 100 MHz
1301	4822 242 70304	8,867 238 MHz RW43
1534	4822 071 53151	FUSE(315MA)
1559	4822 071 51002	FUSE(1A)
1563	4822 526 10405	BEAD
1580	4822 071 51602	FUSE (1.6A)
1600	4822 253 30383	FUSE (2,5A)
1601	4822 071 52502	FUSE (2.5A)
1640	4822 526 10405	BEAD
1641	4822 526 10405	BEAD
1702	4822 242 70392	6,000 000 MHz HC18

⊣⊢

2001	4822 124 40849	330µF 20% 16
2002	4822 122 31797	22nF 10% 63
2003	4822 122 31947	100nF 20% 63
2005	4822 124 40196	220µF 20% 16
2008	4822 122 31765	100pF 2% 63
2010	4822 124 40435	10µF 20% 50
2231	4822 124 80702	100µF 20% 25
2232	4822 126 11544	22nF 63
2236	4822 122 31784	4.7nF 10% 50
2237	4822 122 31947	100nF 20% 63
2238	4822 122 31784	4.7nF 10% 50
2239	4822 122 31947	100nF 20% 63
2240	4822 124 40214	1000µF 20% 25
2241	5322 121 42386	100nF 5% 63
2242	4822 124 40214	1000µF 20% 25
2243	4822 121 41856	22nF 5% 250
2245	4822 121 41856	22nF 5% 250
2246	4822 124 41596	22µF 20% 50
2248	4822 124 40849	330µF 20% 16
2249	4822 126 11544	22nF 63
2250	4822 121 41857	10nF 5% 250
2251	4822 121 41857	10nF 5% 250
2252	4822 121 41857	10nF 5% 250
2253	4822 121 41857	10nF 5% 250
2254	4822 121 51252	470nF 5% 63
2255	4822 121 51252	470nF 5% 63
2256	4822 122 32142	270pF 2% 63
2257	4822 122 32142	270pF 2% 63
2258	4822 121 51252	470nF 5% 63
2259	4822 121 51252	470nF 5% 63
2260	4822 124 40435	10µF 20% 50
2263	4822 124 41509	33µF 20% 35
2264	4822 124 41509	33µF 20% 35
2266	4822 124 41796	22µF 20% 16
2300	4822 122 32482	22pF 2% 63
2301	4822 122 32999	2.2N 5%
2302	4822 122 31772	47pF 2% 63
2303	4822 122 31768	180pF 2% 63
2304	4822 122 31773	560pF 2% 63
2304	4822 122 32999	2.2N 5%
2305	4822 126 10324	33pF 2% 63
2306	4822 122 31965	220pF 2% 63
2307	4822 122 33496	100nF 10% 63
2308	4822 122 31797	22nF 10% 63
2310	4822 121 41857	10nF 5% 250
2310	4822 121 42408	220nF 5% 63
2311	4822 122 33496	100nF 10% 63
2312	4822 121 41857	10nF 5% 250
2312	4822 121 42408	220nF 5% 63
2313	4822 125 50045	1p8-22p 250
2314	5322 121 42661	330nF 5% 63
2314	5322 122 32818	2.2nF 10% 100
2315	4822 122 31825	27pF 2% 63
2316	4822 122 33496	100nF 10% 63
2317	4822 122 31766	120pF 2% 63
2319	4822 122 32442	10nF 50V
2321	4822 122 31797	22nF 10% 63
2322	4822 122 31797	22nF 10% 63
2323	4822 122 32542	47nF 10% 63
2325	4822 122 31965	220pF 2% 63
2325	4822 122 32542	47nF 10% 63
2326	4822 122 31839	82pF 2% 63
2328	4822 122 32442	10nF 50V
2329	4822 122 32442	10nF 50V
2330	4822 122 33496	100nF 10% 63
2331	4822 122 33496	100nF 10% 63
2332	4822 122 33496	100nF 10% 63
2333	4822 122 33496	100nF 10% 63
2334	4822 122 33496	100nF 10% 63
2335	4822 122 31772	47pF 2% 63
2336	4822 122 31797	22nF 10% 63
2337	4822 122 31797	22nF 10% 63
2338	4822 122 31797	22nF 10% 63
2339	4822 122 33496	100nF 10% 63
2340	4822 122 31797	22nF 10% 63
2341	4822 122 31797	22nF 10% 63
2342	4822 122 33496	100nF 10% 63
2343	4822 122 33496	100nF 10% 63
2344	4822 122 33496	100nF 10% 63
2345	4822 122 31797	22nF 10% 63
2346	4822 122 31765	100pF 2% 63
2347	4822 122 33496	100nF 10% 63
2348	4822 124 40196	220µF 20% 16
2349	5322 122 31647	1nF 10% 63
2350	4822 124 40433	47µF 20% 25
2351	4822 122 31797	22nF 10% 63
2352	5322 122 31647	1nF 10% 63
2353	4822 122 33496	100nF 10% 63
2354	4822 124 40242	1µF 20% 63
2356	4822 122 31797	22nF 10% 63
2357	4822 122 31797	22nF 10% 63
2358	4822 122 31797	22nF 10% 63
2359	4822 122 31765	100pF 2% 63
2360	4822 122 33496	100nF 10% 63
2361	4822 122 33496	100nF 10% 63
2362	4822 122 33496	100nF 10% 63
2365	5322 121 42661	330nF 5% 63
2366	4822 124 40435	10µF 20% 50
2367	4822 124 41578	6.8µF 20% 50
2368	4822 122 32139	12pF 2% 63
2370	4822 121 42408	220nF 5% 63
2374	4822 122 31772	47pF 2% 63
2380	4822 122 31772	47pF 2% 63
2381	4822 122 31772	47pF 2% 63
2385	4822 122 31765	100pF 2% 63
2386	4822 122 33481	1800pF 2% 63
2451	4822 122 33496	100nF 10% 63
2453	4822 124 80708	68µF 20% 25
2453	5322 124 41941	22µF 20% 16
2455	5322 122 31647	1nF 10% 63
2455	5322 122 33446	3.3nF 10% 63
2456	4822 124 40242	1µF 20% 63
2457	4822 122 33496	100nF 10% 63
2458	4822 121 42937	2.7nF 1% 250
2459	4822 122 33496	100nF 10% 63
2460	4822 122 32442	10nF 50V
2461	5322 122 31647	1nF 10% 63
2462	4822 122 31797	22nF 10% 63
2464	4822 122 33496	100nF 10% 63
2465	4822 124 40849	330µF 20% 16
2466	4822 124 22403	10µF 20% 16
2467	4822 122 33496	100nF 10% 63
2468	4822 124 40244	2.2µF 20% 63
2469	4822 124 41596	22µF 20% 50
2470	4822 122 31772	47pF 2% 63
2471	5322 121 42661	330nF 5% 63
2473	5322 121 42661	330nF 5% 63
2474	4822 122 33496	100nF 10% 63
2475	4822 122 33496	100nF 10% 63
2500	4822 126 12648	220pF 5% 63
2501	4822 122 33481	1800pF 2% 63
2502	5322 124 41381	22µF 20% 50
2505	4822 122 32542	47nF 10% 63
2506	4822 124 80063	680µF 20% 35
2506	4822 124 80065	1000µF 20% 50
2506	4822 124 80707	2200µF 20% 25
2507	4822 122 31797	22nF 10% 63
2509	4822 121 51319	1µF 10% 63
2524	4822 124 42167	4.7µF 20% 50
2538	4822 121 43343	4.7nF 10% 400
2539	4822 124 80057	330µF 20% 16
2545	4822 126 12273	1200pF 10%R (HR) 2K
2545	4822 126 12274	1500pF 10%R (HR) 2K
2546	4822 121 43076	11nF 5% 1600
2546	5322 121 44333	12nF 5% 1.6K
2546	5322 121 44345	15nF 5% 1.6K
2547	4822 121 40488	22nF 10% 400
2547	5322 121 44219	47nF 10% 400
2549	4822 121 42073	390 nF 10% 400
2549	4822 121 42074	470 nF 10% 400
2550	4822 121 51527	390nF 5% 250
2550	5322 121 44128	680nF 10% 250
2551	4822 124 80069	1µF 20% 160
2559	4822 124 80059	100µF 20% 25
2560	4822 121 51408	33nF 10% 250
2570	4822 124 80071	22µF 20% 160
2574	4822 122 10175	2.2nF 10% 50
2580	4822 124 80061	1000µF 20% 25
2588	4822 122 31644	2.2nF 10% 63
2588	5322 122 33446	3.3nF 10% 63
2590	5322 121 42498	680nF 5% 63
2600	4822 124 41531	470nF 10% 250VA
2605	4822 124 23492	220µF 50% 385
2607	4822 121 51469	1nF 400
2617	4822 121 51252	470nF 5% 63
2617	4822 121 51319	1µF 10% 63
2620	5322 121 42465	68nF 5% 63
2625	4822 126 12272	1nF 10%R(HR) 2K
2626	4822 126 12267	470pF 10%R (HR) 2K
2630	4822 124 23418	47µF 200
2630	4822 124 80055	100µF 10% 160
2631	4822 124 23418	47µF 200
2631	4822 124 80055	100µF 10% 160
2632	4822 126 11382	1nF 10% 1K
2640	4822 124 80061	1000µF 20% 25
2641	4822 124 80061	1000µF 20% 25
2652	5322 122 32331	1nF 10% 100
2653	5322 122 32331	1nF 10% 100
2658	5322 122 32838	82nF 10% 63
2660	4822 124 80061	1000µF 20% 25
2672	5322 124 41379	2.2µF 20% 50
2675	4822 124 80064	680µF 20% 50
2675	4822 124 80065	1000µF 20% 50
2676	5322 122 32331	1nF 10% 100
2704	4822 122 32542	47nF 10% 63
2705	4822 122 31766	120pF 2% 63
2706	5322 124 41299	68µF 20% 25
2707	4822 122 32442	10nF 50V
2708	4822 122 31766	120pF 2% 63
2709	4822 122 32507	6.8pF 5% 50
2710	4822 122 32507	6.8pF 5% 50
2711	4822 122 31825	27pF 2% 63
2712	4822 122 31825	27pF 2% 63
2713	4822 124 41525	100µF 20% 25
2714	4822 122 31772	47pF 2% 63
2715	4822 122 31772	47pF 2% 63
2716	4822 122 33496	100nF 10% 63
2718	4822 122 33496	100nF 10% 63
2719	5322 121 42386	100nF 5% 63
2721	4822 122 32442	10nF 50V
2722	4822 122 31947	100nF 20% 63
2853	4822 121 43856	4.7nF 5% 250
2854	4822 122 33496	100nF 10% 63

⊣⊢

3001	4822 052 10399	39Ω 5% 0.33
3002	4822 116 52257	22k 5% 0.5
3003	4822 116 52303	8k2 5% 0.5
3010	4822 051 10102	1k 2% 0.25
3220	4822 051 10392	3k9 2% 0.25
3222	4822 116 52234	100k 5% 0.5
3223	4822 051 10109	10Ω 2% 0.25
3224	4822 051 20222	2k2 5% 0.1
3225	4822 051 10272	2k7 2% 0.25
3226	4822 051 10333	33k 2% 0.25
3227	4822 051 10333	33k 2% 0.25
3228	4822 051 10151	150Ω 2% 0.25
3229	4822 051 10562	5k6 2% 0.25
3230	4822 051 10223	22k 2% 0.25
3231	4822 051 10472	4k7 2% 0.25
3240	4822 052 10828	8Ω2 5% 0.33
3241	4822 052 10828	8Ω2 5% 0.33
3242	4822 051 10333	33k 2% 0.25
3243	4822 051 10333	33k 2% 0.25
3244	4822 051 10103	10k 2% 0.25
3245	4822 051 10103	10k 2% 0.25
3250	4822 116 80175	4k7 5% 0.5
3251	4822 116 80175	4k7 5% 0.5
3253	4822 116 52211	150Ω 5% 0.5
3254	4822 116 52211	150Ω 5% 0.5
3255	4822 051 10822	8k2 2% 0.25
3256	4822 051 10224	220k 2% 0.25
3257	4822 116 52257	22k 5% 0.5
3258	4822 116 52283	4k7 5% 0.5
3259	4822 051 10823	82k 2% 0.25
3260	4822 051 10159	15Ω 2% 0.25
3261	4822 116 52201	75Ω 5% 0.5
3262	4822 116 52201	75Ω 5% 0.5
3263	4822 051 10563	56k 2% 0.25
3264	4822 051 10563	56k 2% 0.25
3267	4822 051 10103	10k 2% 0.25
3268	4822 051 10103	10k 2% 0.25
3300	4822 051 10822	8k2 2% 0.25
3301	4822 051 10272	2k7 2% 0.25
3302	4822 051 20222	2k2 5% 0.1
3303	4822 051 10122	1k2 2% 0.25
3303	4822 051 10392	3k9 2% 0.25
3304	4822 051 10182	1k8 2% 0.25
3305	4822 051 10431	430Ω 2% 0.25
3306	4822 116 52233	10k 5% 0.5
3307	4822 051 10471	470Ω 2% 0.25
3308	4822 051 20183	18k 5% 0.1
3309	4822 051 55602	5k6 1% 0.125
3310	4822 051 10472	4k7 2% 0.25
3311	4822 051 10103	10k 2% 0.25
3312	4822 051 10331	330Ω 2% 0.25
3313	4822 051 10274	270k 2% 0.25
3314	4822 051 10333	33k 2% 0.25
3315	4822 051 10821	820Ω 2% 0.25
3317	4822 051 10153	15k 2% 0.25
3318	4822 116 52224	470Ω 5% 0.5
3320	4822 051 10473	47k 2% 0.25
3321	4822 051 10473	47k 2% 0.25
3323	4822 051 10824	820k 2% 0.25
3324	4822 051 10331	330Ω 2% 0.25
3325	4822 116 52175	100Ω 5% 0.5
3326	4822 051 10101	100Ω 2% 0.25
3327	4822 051 10331	330Ω 2% 0.25
3328	4822 051 10102	1k 2% 0.25
3330	4822 051 10109	10Ω 2% 0.25
3331	4822 051 10109	10Ω 2% 0.25
3332	4822 050 25609	56Ω 1% 0.6
3333	4822 051 20222	2k2 5% 0.1
3334	4822 053 11279	27Ω 5% 2
3334	4822 053 11399	39Ω 5% 2
3335	4822 116 52226	560Ω 5% 0.5
3336	4822 052 10339	33Ω 5% 0.33
3338	4822 050 11002	1k 1% 0.4
3339	4822 051 10102	1k 2% 0.25
3340	4822 050 11002	1k 1% 0.4
3342	4822 051 20222	2k2 5% 0.1
3343	4822 051 10392	3k9 2% 0.25
3344	4822 051 10182	1k8 2% 0.25
3345	4822 051 10472	4k7 2% 0.25
3346	4822 051 10332	3k3 2% 0.25
3347	4822 116 52219	330Ω 5% 0.5
3348	4822 116 52219	330Ω 5% 0.5
3349	4822 116 52219	330Ω 5% 0.5
3350	4822 050 11002	1k 1% 0.4
3351	4822 051 10272	2k7 2% 0.25
3351	4822 051 20222	2k2 5% 0.1
3352	4822 116 52256	2k2 5% 0.5
3352	4822 116 52263	2k7 5% 0.5
3353	4822 116 52256	2k2 5% 0.5
3353	4822 116 52263	2k7 5% 0.5
3354	4822 051 10221	220Ω 2% 0.25
3356	4822 050 21008	1Ω 1% 0.6
3358	4822 051 10331	330Ω 2% 0.25
3359	4822 116 52219	330Ω 5% 0.5
3361	4822 051 10101	100Ω 2% 0.25

% 0.25	3362	4822 051 10472	4k7 2% 0.25
% 0.5	3363	4822 116 52175	100Ω 5% 0.5
% 0.25	3364	4822 050 11002	1k 1% 0.4
% 0.1	3365	4822 116 52304	82k 5% 0.5
% 0.25	3366	4822 116 52297	68k 5% 0.5
% 0.25			
	3367	4822 116 52175	100Ω 5% 0.5
% 0.25	3368	4822 116 52175	100Ω 5% 0.5
2% 0.25	3369	4822 116 52175	100Ω 5% 0.5
% 0.25	3370	4822 051 10472	4k7 2% 0.25
% 0.25	3371	4822 051 10332	3k3 2% 0.25
% 0.25	3375	4822 051 10109	10Ω 2% 0.25
% 0.33	3376	4822 051 10109	10Ω 2% 0.25
% 0.33	3380	4822 051 10101	100Ω 2% 0.25
% 0.25	3381	4822 051 10101	100Ω 2% 0.25
% 0.25	3385	4822 051 10102	1k 2% 0.25
% 0.25			
	3450	4822 116 52238	12k 5% 0.5
% 0.25	3451	4822 116 52175	100Ω 5% 0.5
% 0.5	3452	4822 116 52175	100Ω 5% 0.5
% 0.5	3453	4822 116 52251	18k 5% 0.5
5% 0.5	3454	4822 050 11002	1k 1% 0.4
5% 0.5	3455	4822 051 10122	1k2 2% 0.25
% 0.25	3456	4822 051 10682	6k8 2% 0.25
2% 0.25	3457	4822 101 11191	10k 30% LIN 0.1
% 0.5	3458	4822 051 10303	30k 2% 0.25
% 0.5	3459	4822 116 52304	82k 5% 0.5
% 0.25			
	3460	4822 051 10333	33k 2% 0.25
% 0.25	3461	4822 100 10436	22k CARB
% 0.5			LIN 0.1
% 0.5	3463	4822 116 52251	18k 5% 0.5
% 0.25	3464	4822 051 10123	12k 2% 0.25
% 0.25	3465	4822 051 10394	390k 2% 0.25
% 0.25	3466	4822 051 10681	680Ω 2% 0.25
% 0.25	3467	4822 053 20125	1M2 5% 0.25
% 0.25	3467	4822 053 20225	2M2 5% 0.25
% 0.25	3468	4822 051 10682	6k8 2% 0.25
% 0.1	3469	4822 051 10229	22Ω 2% 0.25
	3470	4822 116 52231	820Ω 5% 0.5
% 0.25	3471	4822 116 52239	120k 5% 0.5
% 0.25	3471	4822 116 52245	150k 5% 0.5
2% 0.25	3472	4822 051 10224	220k 2% 0.25
% 0.5	3473	4822 116 52265	270k 5% 0.5
2% 0.25	3473	4822 116 52278	390k 5% 0.5
% 0.1	3474	4822 051 10272	2k7 2% 0.25
% 0.125	3474	4822 051 10392	3k9 2% 0.25
% 0.25	3475	4822 051 10184	180k 2% 0.25
% 0.25	3476	4822 051 10683	68k 2% 0.25
2% 0.25	3477	4822 051 10474	470k 2% 0.25
2% 0.25	3478	4822 051 10393	39k 2% 0.25
% 0.25	3479	4822 116 52226	560Ω 5% 0.5
2% 0.25	3480	4822 116 52207	1k2 5% 0.5
% 0.25	3481	4822 116 52286	5k1 5% 0.5
5% 0.5	3482	4822 116 52286	5k1 5% 0.5
% 0.25	3483	4822 052 10339	33Ω 5% 0.33
% 0.25	3484	4822 051 20183	18k 5% 0.1
2% 0.25	3485	4822 051 10682	6k8 2% 0.25
2% 0.25	3486	4822 051 10182	1k8 2% 0.25
5% 0.5	3487	4822 116 52231	820Ω 5% 0.5
2% 0.25	3488	4822 116 52296	6k8 5% 0.5
2% 0.25	3501	4822 051 10229	22Ω 2% 0.25
0.25	3501	4822 051 10279	27Ω 2% 0.25
% 0.25	3502	4822 053 10122	1k2 5% 1
% 0.25	3502	4822 053 10272	2k7 5% 1
% 0.6	3503	4822 052 10128	1Ω2 5% 0.33
% 0.1	3504	4822 100 11684	100Ω 10% 0.1
% 2	3505	4822 051 10471	470Ω 2% 0.25
% 2	3506	4822 116 52265	270k 5% 0.5
5% 0.5	3506	4822 116 52272	330k 5% 0.5
% 0.33	3507	4822 051 10223	22k 2% 0.25
0.4	3507	4822 051 10273	27k 2% 0.25
0.25	3508	4822 051 10228	2Ω2 5% 0.25
0.4	3509	4822 051 10228	2Ω2 5% 0.25
% 0.1	3510	4822 051 10228	2Ω2 5% 0.25
% 0.25	3511	4822 051 10228	2Ω2 5% 0.25
% 0.25	3512	4822 051 10228	2Ω2 5% 0.25
% 0.25	3513	4822 053 10331	330Ω 5% 1
% 0.25	3514	4822 051 10182	1k8 2% 0.25
5% 0.5	3515	4822 051 10228	2Ω2 5% 0.25
5% 0.5	3516	4822 100 10436	22k CARB
5% 0.5			LIN 0.1
0.4	3517	4822 051 10228	2Ω2 5% 0.25
% 0.25	3518	4822 051 10109	10Ω 2% 0.25
% 0.1	3519	4822 051 10228	2Ω2 5% 0.25
% 0.5	3523	4822 051 10228	2Ω2 5% 0.25
% 0.5	3529	4822 051 10228	2Ω2 5% 0.25
% 0.5	3535	4822 051 10151	150Ω 2% 0.25
% 0.5	3535	4822 051 51201	120Ω 1% 0.125
	3537	4822 116 52234	100k 5% 0.5
2% 0.25			
0.6	3538	4822 116 52252	180k 5% 0.5
2% 0.25	3539	4822 053 20434	430k 5% 0.25
5% 0.5	3539	4822 053 20684	680k 5% 0.25
2% 0.25	3540	4822 051 51201	120Ω 1% 0.125
	3542	4822 050 11002	1k 1% 0.4
	3543	4822 051 10101	100Ω 2% 0.25
	3545	4822 113 80565	180Ω 5% 5
	3545	4822 113 80638	120Ω 5% 5
	3545	4822 116 82999	330Ω 5% 5
	3548	4822 052 10159	15Ω 5% 0.33
	3549	4822 116 52251	18k 5% 0.5
	3550	4822 116 52251	18k 5% 0.5
	3551	4822 050 25601	560Ω 1% 0.6
	3552	4822 050 25601	560Ω 1% 0.6
	3553	4822 052 10561	560Ω 5% 0.33
	3560	4822 116 52247	16k 5% 0.5
	3560	4822 116 52254	20k 5% 0.5
	3560	4822 116 52274	36k 5% 0.5
	3570	4822 052 10688	6Ω8 5% 0.33
	3582	4822 116 52226	560Ω 5% 0.5
	3588	4822 052 10561	560Ω 5% 0.33
	3589	4822 050 21502	1k5 1% 0.6
	3590	4822 116 52234	100k 5% 0.5
	3591	4822 051 10474	470k 2% 0.25
	3592	4822 051 10681	680Ω 2% 0.25
	3604	4822 113 80593	1.5Ω 10% 5
	3606	4822 052 10102	1k 5% 0.33
	3610	4822 052 10688	6Ω8 5% 0.33
	3610	4822 052 10828	8Ω2 5% 0.33
	3616	4822 050 24708	4Ω7 1% 0.6
	3617	4822 116 52213	180Ω 5% 0.5
	3619	4822 116 52182	15Ω 5% 0.5
	3620	4822 053 12121	120Ω 5% 3
	3621	4822 053 12279	27Ω 5% 3
	3621	4822 053 12479	47Ω 5% 3
	3622	4822 053 12479	47Ω 5% 3
	3626	4822 113 80565	180Ω 5% 5
	3631	4822 050 21204	120k 1% 0.6
	3631	4822 050 22204	220k 1% 0.6
	3634	4822 051 10272	2k7 2% 0.25
	3634	4822 051 10332	3k3 2% 0.25
	3635	4822 101 11187	1k 30% LIN 0.1
	3637	4822 116 52175	100Ω 5% 0.5
	3659	4822 051 10181	180Ω 2% 0.25
	3675	4822 116 52239	120k 5% 0.5
	3675	4822 116 52284	47k 5% 0.5
	3677	4822 051 10108	1Ω 5% 0.25
	3678	4822 116 52283	4k7 5% 0.5
	3682	4822 053 10561	560Ω 5% 1
	3707	4822 051 10182	1k8 2% 0.25
	3708	4822 116 52283	4k7 5% 0.5
	3709	4822 051 10472	4k7 2% 0.25
	3710	4822 051 10104	100k 2% 0.25
	3718	4822 116 52215	220Ω 5% 0.5
	3719	4822 116 52215	220Ω 5% 0.5
	3720	4822 116 52215	220Ω 5% 0.5
	3721	4822 051 10103	10k 2% 0.25
	3722	4822 051 10103	10k 2% 0.25
	3723	4822 051 10103	10k 2% 0.25
	3724	4822 051 10103	10k 2% 0.25
	3725	4822 051 10103	10k 2% 0.25
	3726	4822 051 10103	10k 2% 0.25
	3727	4822 116 52175	100Ω 5% 0.5
	3728	4822 116 52175	100Ω 5% 0.5
	3729	4822 051 10911	910Ω 2% 0.25
	3730	4822 051 10221	220Ω 2% 0.25
	3732	4822 053 11103	10k 5% 2
	3732	4822 053 11332	3k3 5% 2
	3733	4822 050 23902	3k9 1% 0.6
	3733	4822 116 52283	4k7 5% 0.5
	3734	4822 050 23902	3k9 1% 0.6
	3734	4822 116 52283	4k7 5% 0.5
	3736	4822 116 52175	100Ω 5% 0.5
	3737	4822 050 11002	1k 1% 0.4
	3741	4822 051 10123	12k 2% 0.25
	3742	4822 051 10332	3k3 2% 0.25
	3743	4822 051 10472	4k7 2% 0.25
	3747	4822 051 10273	27k 2% 0.25
	3748	4822 051 10273	27k 2% 0.25
	3751	4822 051 10153	15k 2% 0.25
	3752	4822 116 52244	15k 5% 0.5
	3753	4822 116 52286	5k1 5% 0.5
	3755	4822 051 10101	100Ω 2% 0.25
	3756	4822 051 10101	100Ω 2% 0.25
	3757	4822 051 10332	3k3 2% 0.25
	3758	4822 051 20222	2k2 5% 0.1
	3768	4822 051 10105	1M 5% 0.25
	3770	4822 051 10473	47k 2% 0.25
	3771	4822 116 52251	18k 5% 0.5
	3772	4822 116 52276	3k9 5% 0.5
	3775	4822 051 10101	100Ω 2% 0.25
	3776	4822 051 10562	5k6 2% 0.25
	3779	4822 116 52233	10k 5% 0.5
	3780	4822 051 10103	10k 2% 0.25
	3781	4822 051 10472	4k7 2% 0.25
	3850	4822 116 52189	30Ω 5% 0.5
	3851	4822 116 80747	75Ω 5% 0.125
	3852	4822 116 80747	75Ω 5% 0.125
	3853	4822 116 80747	75Ω 5% 0.125
	3854	4822 116 80747	75Ω 5% 0.125
	3855	4822 116 52201	75Ω 5% 0.5
	3856	4822 116 52175	100Ω 5% 0.5
	3857	4822 051 10331	330Ω 2% 0.25
	3858	4822 051 10331	330Ω 2% 0.25
	3859	4822 051 10331	330Ω 2% 0.25
	3860	4822 116 80176	1Ω 5% 0.5
	3862	4822 116 52218	300Ω 5% 0.5
	3872	4822 051 10102	1k 2% 0.25
	3886	4822 051 10472	4k7 2% 0.25
	3887	4822 051 10122	1k2 2% 0.25
	3888	4822 116 52289	5k6 5% 0.5
	3890	4822 051 10103	10k 2% 0.25
	4xxx	4822 051 10008	0Ω 5% 0.25W

	5001	4822 157 60138	COIL
	5240	4822 158 10551	27µH
	5242	4822 158 10551	27µH
	5301	4822 157 63075	7.95 µH 8%
	5303	4822 157 70827	33µH -5%
	5534	4822 157 62771	C I 10
	5534	4822 158 10728	TRANSFORMER
	5541	4822 157 63078	COIL
	5545	4822 140 10414	L.O.T. 25"/28"
	5545	4822 140 10435	L.O.T. 21" Hibri
	5545	4822 140 10477	L.O.T. 16:9
	5549	4822 157 53069	COIL
	5554	4822 157 70832	Lin Coil 16:9
	5554	4822 156 50097	Lin Coil 25"/28"
	5554	4822 157 63079	Lin Coil 21" Hibri
	5563	4822 157 51462	10µH
	5582	5322 157 52539	15µH
	5588	4822 157 52505	33µH 10%
	5606	4822 157 53995	COIL
	5619	4822 156 21125	3.9µH 10%
	5619	4822 157 53139	4.7µH
	5625	4822 148 81168	SOPS trf. 25"/28"
	5625	4822 148 81348	SOPS trf. 16:9
	5625	4822 146 31062	SOPS trf. 21"
	5630	4822 157 70826	2.4µH
	5631	4822 158 10551	27µH
	5632	4822 158 10551	27µH
	5675	4822 157 70826	2.4µH
	5701	4822 157 52843	56µH 5%
	5703	4822 157 52279	33µH 10%

	6241	4822 130 80446	LL4148
	6242	4822 130 80446	LL4148
	6245	4822 130 80446	LL4148
	6246	4822 130 81139	LLZ-C3V3
	6247	4822 130 81139	LLZ-C3V3
	6248	4822 130 80446	LL4148
	6300	4822 130 80446	LL4148
	6302	4822 130 82192	LLZ-C8V2
	6303	4822 130 34382	BZX79-C8V2
	6310	4822 130 80884	LLZ-C5V1
	6313	4822 130 81423	BZV86-1V4
	6314	4822 130 83343	BZV87
	6315	4822 130 80446	LL4148
	6316	4822 130 30621	1N4148
	6318	4822 130 80838	BA282
	6319	4822 130 34379	BZX79-C27
	6320	4822 130 80877	BAV103
	6321	4822 130 80446	LL4148
	6322	4822 130 80446	LL4148
	6332	4822 130 82583	LLZ-C9V1
	6367	4822 130 80884	LLZ-C5V1
	6464	4822 130 81015	LLZ-C10
	6466	4822 130 80446	LL4148
	6467	4822 130 80446	LL4148
	6483	4822 130 80446	LL4148
	6503	4822 130 42488	BYD33D
	6504	4822 130 80446	LL4148
	6505	4822 130 80446	LL4148
	6546	4822 130 41275	BY228/20
	6547	4822 130 41602	BYW95C/20
	6548	4822 130 30621	1N4148
	6551	4822 130 42489	BYD33G
	6560	4822 130 80446	LL4148
	6561	4822 130 30864	BZX79-C68
	6563	4822 130 80915	BYD74C
	6570	4822 130 42489	BYD33G
	6571	4822 130 42488	BYD33D
	6585	4822 130 42489	BYD33G
	6590	4822 130 81141	LLZ-C43
	6591	4822 130 80446	LL4148
	6592	4822 130 81144	LLZ-C30
	6610	4822 130 80446	LL4148
	6611	5322 130 80442	BZV85-C16
	6612	4822 130 42488	BYD33D
	6615	4822 130 80446	LL4148
	6617	4822 130 31456	BZV85-C5V1
	6621	4822 130 42488	BYD33D
	6622	4822 130 30621	1N4148
	6624	4822 130 31933	1N5061
	6625	4822 130 31933	1N5061
	6630	4822 130 33531	BY229F-600
	6630	4822 130 81175	BYD74G
	6640	4822 130 80914	BYD74B
	6641	4822 130 80914	BYD74B
	6661	4822 130 42488	BYD33D
	6666	4822 130 80887	LLZ-C36
	6666	4822 130 81141	BZV55-C43
	6675	4822 130 80914	BYD74B
	6705	4822 130 80905	LLZ-F5V1
	6708	4822 130 81145	LLZ-F2V4
	6709	4822 130 82037	HZT33

	7003	4822 130 42133	BC817
	7240	4822 209 73853	TDA1521/N4
	7241	5322 130 42136	BC848C
	7242	5322 130 42136	BC848C
	7243	4822 130 42513	BC858C
	7244	4822 130 42513	BC858C
	7248	5322 130 42136	BC848C
	7249	5322 130 42136	BC848C
	7301	4822 130 61207	BC848
	7302	5322 130 42012	BC858
	7303	4822 130 40855	BC337
	7304	5322 130 42718	BFS20
	7305	4822 209 30389	TDA4510/V8
	7306	4822 209 32729	TDA4657
	7307	4822 209 31714	TDA4661/V2
	7308	4822 209 32593	TDA4671/V1
	7309	4822 209 31592	TDA4680/V6
	7310	4822 130 61207	BC848
	7370	4822 130 61207	BC848
	7371	4822 130 61207	BC848
	7454	5322 130 42012	BC858
	7455	4822 130 60136	BC856
	7456	5322 130 60159	BC846B
	7470	4822 209 63423	TDA2579B/N2
	7471	4822 130 61207	BC848
	7472	5322 130 42136	BC848C
	7500	4822 130 41344	BC337-40
	7502	4822 130 60775	2SD1266P
	7503	4822 130 61236	BD234
	7504	4822 130 41344	BC337-40
	7505	4822 130 41327	BC327-40
	7540	4822 130 41344	BC337-40
	7545	4822 130 61265	BU508AF
	7591	5322 130 42012	BC858
	7625	4822 130 62735	BUT12AF
	7703	4822 130 61207	BC848
	7704	4822 130 61207	BC848
	7705	4822 130 61207	BC848
	7706	4822 130 61207	BC848
	7707	4822 130 61207	BC848
	7708	4822 209 32725	TMP47P1637-EUR
	7708	4822 209 32741	TMP47P1637-EAST/EUR
	7710	4822 209 52316	ST24C04B1
	7850	4822 130 61207	BC848
	7886	4822 130 61207	BC848

1002 Mains filter [D]

Various

	4822 265 30389	2P YELLOW MALE
	4822 265 30877	3P
	4822 267 40794	3P FEMALE
	4822 290 40288	SNAP
	4822 404 31317	BRACKET
1002	4822 212 30975	MAINS FILTER

	2602	4822 126 11141	2.2nF 10% 1K
	2604	4822 126 11141	2.2nF 10% 1K

Spare parts lists/Ersatzteilliste/Liste des pièces

3601	4822 116 40211	RES.P.T.C.
3603	4822 117 10492	10M 5% 1
3605	4822 052 10102	1k 5% 0.33
3607	4822 050 23901	390Ω 1% 0.6
3608	4822 116 21213	387-473V 0.6

5600	4822 157 63073	COIL,CHOKE
5605	4822 157 53995	COIL

6602	4822 130 31933	1N5061
6603	4822 130 31933	1N5061
6604	4822 130 31933	1N5061
6605	4822 130 31933	1N5061
6609	4822 130 34281	BZX79-F15
6610	4822 130 34281	BZX79-F15

1050 SEP mains [A/D]

Connectors

	4822 264 40207	3P MALE FOR BTB-WTB
▲	4822 265 20514	CONNECTOR
▲	4822 265 30389	2P MALE
	4822 265 30499	3P BLACK
▲	4822 265 40596	2P MALE
	4822 267 40655	3P FEMALE GREY
	4822 267 40696	3P SOCKET
▲	4822 276 12597	SWITCH
	4822 403 70926	BRACKET
	4822 212 23667	IR-RECEIVER
	4822 209 72895	LED
1050	4822 432 11086	SEP. MAINS module

2713	4822 124 41584	100 microF 20% 10V

3600	4822 053 21915	9M1 5% 0,5W
3729	4822 116 52232	910R 5% 0,5W
3730	4822 116 52213	180R 5% 0,5W

6707	4822 209 72895	LED

1008 Comb filter [C]

Various

	4822 265 31137	BTB-6W
▲	4822 267 40624	5p socket
	4822 267 41114	5P RFK5-White
1008	4822 212 30984	COMBFILTER module

2309	4822 122 31971	10pF 2% 63V
2400	4822 124 80701	47µF 20% 6.3V
2401	4822 122 33342	33nF 10% 63V
2402	4822 124 80701	47µF 20% 6.3V
2403	4822 122 33342	33nF 10% 63V
2404	4822 124 80701	47µF 20% 6.3V
2405	4822 122 33342	33nF 10% 63V
2406	4822 124 80248	10µF 20% 16V
2407	4822 122 33342	33nF 10% 63V
2408	4822 124 80248	10µF 20% 16V
2409	4822 122 33342	33nF 10% 63V
2410	4822 124 80248	10µF 20% 16V
2411	4822 122 33342	33nF 10% 63V
2412	4822 122 33342	33nF 10% 63V
2413	4822 124 80248	10µF 20% 16V
2416	4822 122 33216	270pF 5% 50V
2417	4822 122 33342	33nF 10% 63V
2418	4822 124 80248	10µF 20% 16V
2419	4822 122 33342	33nF 10% 63V
2420▲	4822 122 33177	10nF 20% 50V
2421▲	4822 122 33177	10nF 20% 50V
2422	5322 122 32531	100pF 5% 50V
2423▲	4822 122 33177	10nF 20% 50V
2424	4822 122 33342	33nF 10% 63V
2425	5322 122 32452	47pF 5% 63V
2426	4822 122 33342	33nF 10% 63V
2430	4822 124 80248	10µF 20% 16V
2431	5322 122 32658	22pF 5% 50V
2432	4822 122 33342	33nF 10% 63V

3402	4822 051 20103	10k 5% 0.1W
3403	4822 051 20101	100Ω 5% 0.1W
3404	4822 051 20301	300Ω 5% 0.1W
3406	4822 051 20105	1M 5% 0.1W
3407	4822 051 20103	10k 5% 0.1W
3410	4822 051 20103	10k 5% 0.1W
3411	4822 051 20222	2k2 5% 0.1W
3412	4822 051 20391	390Ω 5% 0.1W
3413	4822 051 20223	22k 5% 0.1W
3414	4822 051 20122	1k2 5% 0.1W
3416	4822 051 20681	680Ω 5% 0.1W
3418	4822 051 10102	1k 2% 0.25W
3419	4822 051 20181	180Ω 5% 0.1W
3420	4822 051 20473	47k 5% 0.1W
3421	4822 051 20473	47k 5% 0.1W
3422	4822 051 10102	1k 2% 0.25W
3423	4822 051 20471	470Ω 5% 0.1W
3424	4822 051 20151	150Ω 5% 0.1W
3425	4822 051 20471	470Ω 5% 0.1W
3426	4822 051 20122	1k2 5% 0.1W
3427	4822 051 20479	47Ω 5% 0.1W
3428	4822 051 20821	820Ω 5% 0.1W
3429	4822 051 20479	47Ω 5% 0.1W
3430	4822 051 20561	560Ω 5% 0.1W
3431	4822 051 20331	330Ω 5% 0.1W
3432	4822 051 20223	22k 5% 0.1W
3433	4822 051 20221	220Ω 5% 0.1W
3434	4822 051 20221	220Ω 5% 0.1W
3435	4822 051 10102	1k 2% 0.25W
3436	4822 051 20339	33Ω 5% 0.1W
3438	4822 051 20821	820Ω 5% 0.1W
3439	4822 051 20431	430Ω 5% 0.1W
3440	4822 051 20101	100Ω 5% 0.1W
3443	4822 051 20008	0Ω JUMP. (0805)
3444	4822 051 20008	0Ω JUMP. (0805)
3445	4822 051 20008	0Ω JUMP. (0805)
3446	4822 051 20681	680Ω 5% 0.1W
3447	4822 051 20162	1k6 5% 0.1W
3448	4822 051 20681	680Ω 5% 0.1W
3449	4822 051 20151	150Ω 5% 0.1W

5400	4822 152 20677	10µH
5401	4822 152 20677	10µH
5402	4822 152 20677	10µH
5403	4822 157 63065	0.68µH
5404	4822 152 20677	10µH
5405	4822 152 20677	10µH

6420	4822 130 80446	LL4148

7400	4822 209 32587	MC141625A
7401	5322 130 42136	BC848C
7402	4822 130 61207	BC848
7403	4822 130 61207	BC848
7404	4822 130 61207	BC848
7405	5322 130 42012	BC858
7410	5322 130 42012	BC858
7411	4822 130 61207	BC848
7420	5322 130 42136	BC848C
7421	5322 130 42136	BC848C
7422	4822 130 42513	BC858C
7423	4822 130 42513	BC858C
7430	5322 209 14481	HEF4053BT

1060 Seperate control [D]

Connectors

	4822 256 92101	FRONT CONTROLS UNIT
	4822 265 31135	5P RFK5-BK
	4822 267 31014	BUSHING
	4822 267 50621	7P WHITE

Various

	4822 276 30422	3-SWITCH
1060	4822 212 30992	CTRL. (NO A/V)
1060	4822 212 30994	FR.CONTROL
1060	4822 212 30993	FR/ SEP SOUND

2200	4822 122 31211	100pF 10% 500V
2203	4822 122 31211	100pF 10% 500V
2233	4822 121 41856	22nF 5% 250V
2234	4822 121 41856	22nF 5% 250V
2704	4822 121 43526	47nF 5% 100V

3200▲	4822 050 21002	1k 1% 0.6W
3202▲	4822 050 21002	1k 1% 0.6W
3246▲	4822 116 52215	220Ω 5% 0.5W
3247▲	4822 116 52215	220Ω 5% 0.5W
3248▲	4822 116 52215	220Ω 5% 0.5W
3249▲	4822 116 52215	220Ω 5% 0.5W
3775	4822 116 52175	100Ω 5% 0.5W
3776	4822 116 52289	5k6 5% 0.5W
3779	4822 116 52233	10k 5% 0.5W

1007 SOPS control mod. [D]

Various

	4822 265 31137	BTB-6W
	4822 265 31138	BTB-4W
1007	4822 212 30983	110 degree MODULE
1007	4822 212 31007	90 degree MODULE

2611	5322 124 41299	68µF 20% 25V
2629	4822 122 31784	4.7nF 10% 50V
2636	4822 122 31644	2.2nF 10% 63V
2637	4822 122 31772	47pF 2% 63V
2646	4822 124 80465	15µF 10% 25V
2647	4822 122 31784	4.7nF 10% 50V
2649	4822 122 33496	100nF 10% 63V
2650	4822 122 33496	100nF 10% 63V
2651	4822 122 33496	100nF 10% 63V
2661▲	4822 124 40433	47µF 20% 25V
2662	4822 122 32142	270pF 2% 63V
2663	4822 122 31765	100pF 2% 63V
2663	4822 122 31839	82pF 2% 63V
2664	5322 124 41379	2.2µF 20% 50V
2665	4822 122 32153	1.8nF 10% 63V
2670	4822 122 31766	120pF 2% 63V
2671	4822 121 42408	220nF 5% 63V
2674	4822 122 31644	2.2nF 10% 63V

3623	4822 050 21604	160k 1% 0.6W
3624	4822 050 21604	160k 1% 0.6W
3625▲	4822 053 21564	560k 5% 0.5W
3628	4822 051 10334	330k 2% 0.25W
3629	4822 051 10682	6k8 2% 0.25W
3636	4822 051 10224	220k 2% 0.25W
3647	4822 050 23303	33k 1% 0.6W
3647	4822 050 23603	36k 1% 0.6W
3648	4822 051 10273	27k 2% 0.25W
3649▲	4822 050 23309	33Ω 1% 0.6W
3658▲	4822 052 10688	6Ω8 5% 0.33W
3660	4822 051 10101	100Ω 2% 0.25W
3661	4822 051 10361	360Ω 2% 0.25W
3662	4822 051 10221	220Ω 2% 0.25W
3663	4822 051 10562	5k6 2% 0.25W
3664	4822 051 10272	2k7 2% 0.25W
3665▲	4822 051 10103	10k 2% 0.25W
3666	4822 051 10102	1k 2% 0.25W
3667	4822 051 10361	360Ω 2% 0.25W
3670	4822 051 10303	30k 2% 0.25W
3671	4822 051 10102	1k 2% 0.25W
3672▲	4822 051 10103	10k 2% 0.25W
3673	4822 051 54642	4k64 1% 0.125W
3674	4822 051 51052	1k05 1% 0.125W
3674	4822 051 59101	910Ω 1% 0.125W
3676	4822 051 10682	6k8 2% 0.25W
3680	4822 051 10102	1k 2% 0.25W
3680	4822 051 10562	5k6 2% 0.25W
3681	4822 051 10109	10Ω 2% 0.25W

Jumper

4xxx	4822 051 10008	0Ω 5% 0.25W

5661	4822 157 52279	33µH 10%

6580	4822 130 80791	BYV28-200/20
6580	4822 130 82512	BYV29F-400
6646	4822 130 42488	BYD33D
6648	4822 130 34488	BZX79-F12
6648▲	4822 130 61219	BZX79-B10
6649	4822 130 80446	LL4148
6660▲	4822 130 30621	1N4148
6662	4822 130 80905	LLZ-F5V1
6663	4822 130 34281	BZX79-F15
6664	4822 130 31983	BAT85
6665	4822 130 80883	LLZ-C4V7
6669	4822 130 80446	LL4148
6670	4822 130 20272	E0102AA

7600	4822 209 63735	TDA8385/N2
7614▲	4822 209 30992	CNR50
7661	5322 130 44921	BD943
7663	4822 130 42513	BC858C
7671	4822 130 61207	BC848

Spare parts lists/Ersatzteilliste/Liste des pièces

1005 CRT module [E]

Connectors

▲	4822 255 70251	CRT socket 21"MN
	4822 255 70261	CRT socket 25°/28°/21"NN
	4822 264 30328	2P
	4822 265 20509	2P GREY
	4822 265 30378	4P MALE FOR BTB-WTB
	4822 265 31133	3P RFK5 -White
	4822 265 40252	7P CONNECTOR
	4822 267 50824	SOCKET
	4822 267 51033	SINGLE CONNECTOR
	4822 267 51275	7P RFK5-White
	4822 290 40283	5-F
	4822 290 40287	CONNECTOR
	4822 290 40295	7P
▲	4822 320 20188	FOCUS CABLE
	4822 492 70871	SPRING

Various

1005	4822 212 30995	25"-28"-module
1005	4822 212 31003	module-16/9
1005	4822 212 31074	21" module

⊣⊢

2301	4822 122 31772	47pF 2% 63V
2301	4822 122 31825	27pF 2% 63V
2301	4822 122 31972	39pF 2% 63V
2331	4822 122 31972	39pF 2% 63V
2331	4822 122 32482	22pF 2% 63V
2331	4822 126 10324	33pF 2% 63V
2344▲	4822 124 40246	4.7µF 20% 63V
2361	4822 122 31772	47pF 2% 63V
2361	4822 126 10324	33pF 2% 63V
2391	4822 121 43878	27pF 2%N150 500V
2392	4822 124 80213	4.7µF 20% 100V
2393	4822 122 32542	47nF 10% 63V
2411▲	4822 124 80067	4.7µF 20% 63V
2421	4822 122 32482	22pF 2% 63V
2431	4822 121 41689	100nF 10% 250V
2432	5322 124 41378	33µF 20% 35V
2433▲	4822 126 12274	1500pF 10% R(HR) 2KV
2434	5322 122 32334	220pF 10% 100V
2435▲	4822 126 12274	1500pF 10% R(HR) 2KV
2520	5322 124 41299	68µF 20% 25V
2521	4822 122 32891	68nF 10% 63V
2522	5322 121 42661	330nF 5% 63V
2523	4822 122 31981	33nF +-0.5pF 50V
2526	4822 121 41857	10nF 5% 250V
2527	4822 121 43856	4.7nF 5% 250V
2531	4822 121 42408	220nF 5% 63V
2531	4822 121 43396	120nF 5% 63V
2532	4822 124 80066	1µF 20% 63V
2532▲	4822 124 80067	4.7µF 20% 63V
2533	4822 124 40242	1µF 20% 63V
2533	4822 124 41577	4.7µF 20% 50V

3301	4822 051 10131	130Ω 2% 0.25W
3302	4822 051 10182	1k8 2% 0.25W
3302	4822 051 10272	2k7 2% 0.25W
3303	4822 051 10272	2k7 2% 0.25W
3304	4822 116 52239	120k 5% 0.5W
3305	4822 051 10102	1k 2% 0.25W
3305	4822 051 10473	47k 2% 0.25W
3306▲	4822 116 52219	330Ω 5% 0.5W
3309	4822 051 10108	1Ω 5% 0.25W
3309	4822 051 10479	47Ω 2% 0.25W
3310▲	4822 116 52219	330Ω 5% 0.5W
3311▲	4822 053 12153	15k 5% 3W
3312▲	4822 052 10271	270Ω 5% 0.33W
3313▲	4822 052 10271	270Ω 5% 0.33W
3314	4822 050 21502	1k5 1% 0.6W
3315	4822 051 10184	180k 2% 0.25W
3316	4822 051 10224	220k 2% 0.25W
3331	4822 051 10131	130Ω 2% 0.25W
3332	4822 051 10182	1k8 2% 0.25W
3333	4822 116 52263	2k7 5% 0.5W
3334	4822 116 52239	120k 5% 0.5W
3338	4822 051 10108	1Ω 5% 0.25W
3338	4822 051 10479	47Ω 2% 0.25W
3340▲	4822 116 52219	330Ω 5% 0.5W
3341▲	4822 053 12153	15k 5% 3W
3342▲	4822 052 10271	270Ω 5% 0.33W
3343▲	4822 052 10271	270Ω 5% 0.33W
3344	4822 050 21502	1k5 1% 0.6W
3345	4822 051 10681	680Ω 2% 0.25W
3361	4822 116 52208	130Ω 5% 0.5W
3362	4822 051 10182	1k8 2% 0.25W
3363	4822 051 10272	2k7 2% 0.25W
3364	4822 051 10223	22k 2% 0.25W
3368	4822 051 10108	1Ω 5% 0.25W
3368	4822 051 10479	47Ω 2% 0.25W
3370▲	4822 116 52219	330Ω 5% 0.5W
3371▲	4822 053 12153	15k 5% 3W
3372▲	4822 052 10271	270Ω 5% 0.33W
3373▲	4822 052 10271	270Ω 5% 0.33W
3374	4822 050 21502	1k5 1% 0.6W
3375	4822 051 10184	180k 2% 0.25W
3376	4822 051 10224	220k 2% 0.25W
3382	4822 051 10362	3k6 2% 0.25W
3382	4822 051 10392	3k9 2% 0.25W
3382▲	4822 051 10472	4k7 2% 0.25W
3383	4822 116 52284	47k 5% 0.5W
3384	4822 116 52277	39k 5% 0.5W
3385	4822 051 10104	100k 2% 0.25W
3391	4822 116 52234	100k 5% 0.5W
3392▲	4822 051 10103	10k 2% 0.25W
3392	4822 051 10562	5k6 2% 0.25W
3395	4822 051 10122	1k2 2% 0.25W
3395	4822 051 10562	5k6 2% 0.25W
3410	4822 051 10182	1k8 2% 0.25W
3411	4822 116 52222	390Ω 5% 0.5W
3413	4822 116 52218	300Ω 5% 0.5W
3414	4822 051 10439	43Ω 2% 0.25W
3414▲	4822 116 52193	39Ω 5% 0.5W
3415	4822 116 52218	300Ω 5% 0.5W
3416	4822 050 11002	1k 1% 0.4W
3417	4822 050 11002	1k 1% 0.4W
3418	4822 050 11002	1k 1% 0.4W
3419	4822 051 10399	39Ω 2% 0.25W
3421	4822 051 10154	150k 2% 0.25W
3424	4822 051 20222	2k2 5% 0.1W
3431▲	4822 052 10181	180Ω 5% 0.33W
3432▲	4822 052 10109	10Ω 5% 0.33W
3433▲	4822 052 10108	1Ω 5% 0.33W
3434	4822 050 21502	1k5 1% 0.6W
3435	4822 050 21502	1k5 1% 0.6W
3436	4822 053 20825	8M2 5% 0.25W
3442	4822 116 52239	120k 5% 0.5W
3443	4822 051 10272	2k7 2% 0.25W
3446	4822 051 10683	68k 2% 0.25W
3447	4822 051 10152	1k5 2% 0.25W
3448	4822 051 10152	1k5 2% 0.25W
3449	4822 051 10393	39k 2% 0.25W
3449	4822 051 10473	47k 2% 0.25W
3450▲	4822 051 10103	10k 2% 0.25W
3451	4822 051 10122	1k2 2% 0.25W
3452▲	4822 051 10103	10k 2% 0.25W
3453	4822 051 10273	27k 2% 0.25W
3454	4822 051 10393	39k 2% 0.25W
3455	4822 050 11002	1k 1% 0.4W
3455	4822 051 10102	1k 2% 0.25W
3456	4822 050 11002	1k 1% 0.4W
3512▲	4822 051 10103	10k 2% 0.25W
3512	4822 051 10109	10Ω 2% 0.25W
3518	4822 051 10101	100Ω 2% 0.25W
3518▲	4822 051 10103	10k 2% 0.25W
3520	4822 116 52211	150Ω 5% 0.5W
3521	4822 051 10122	1k2 2% 0.25W
3521	4822 101 20902	4k7 10%LIN 0.05W
3522	4822 051 10152	1k5 2% 0.25W
3523	4822 051 10153	15k 2% 0.25W
3524	4822 051 10683	68k 2% 0.25W
3524	4822 051 56203	62k 1% 0.125W
3525	4822 100 20169	10k 10%LIN 0.05W
3525	4822 100 20644	22k 10% LIN 0.05W
3526	4822 050 21205	1M2 1% 0.6W
3526	4822 053 20125	1M2 5% 0.25W
3527	4822 051 10124	120k 2% 0.25W
3527	4822 051 10682	6k8 2% 0.25W
3528	4822 051 10681	680Ω 2% 0.25W
3528	4822 051 20222	2k2 5% 0.1W
3529	4822 051 10008	0Ω 5% 0.25W
3530	4822 051 10008	0Ω 5% 0.25W
3530	4822 051 10102	1k 2% 0.25W
3531	4822 051 10008	0Ω 5% 0.25W
3531	4822 051 10104	100k 2% 0.25W
3532▲	4822 051 10103	10k 2% 0.25W
3533	4822 116 52251	18k 5% 0.5W
3533	4822 116 52303	8k2 5% 0.5W
3534▲	4822 052 10828	8Ω2 5% 0.33W
3571	4822 051 10273	27k 2% 0.25W
3572	4822 051 10153	15k 2% 0.25W
3575	4822 051 10182	1k8 2% 0.25W
3576	4822 051 10101	100Ω 2% 0.25W
3576	4822 051 51201	120Ω 1% 0.125W
3578	4822 116 52245	150k 5% 0.5W
3580▲	4822 051 10103	10k 2% 0.25W

⌁

5401	4822 157 50961	22µH
5401	4822 157 63788	18µH 10%
5401	4822 158 10551	27µH
5530	4822 152 20559	COIL,CHOKE

⊣▶

6301	4822 130 30842	BAV21
6302	4822 130 81222	LLZ-C15
6303	4822 130 80877	BAV103
6331	4822 130 80877	BAV103
6345	4822 130 82192	LLZ-C8V2
6361	4822 130 30842	BAV21
6362	4822 130 80446	LL4148
6382	4822 130 80877	BAV103
6411	4822 130 32831	BZX79-F3V0
6412	4822 130 80446	LL4148
6421▲	4822 130 30621	1N4148
6422	4822 130 81512	LLZ-C6V2
6423	4822 130 34382	BZX79-F8V2
6423	4822 130 82192	LLZ-C8V2
6518	4822 130 80446	LL4148
6519	4822 130 80446	LL4148
6520	4822 130 30864	BZX79-C68

7302	4822 130 41773	BF869
7303	4822 130 61207	BC848
7304	4822 130 41782	BF422
7305	4822 130 41646	BF423
7331	4822 130 41773	BF869
7333	4822 130 61207	BC848
7334	4822 130 41782	BF422
7335	4822 130 41646	BF423
7345	5322 130 42012	BC858
7361	4822 130 41773	BF869
7363	4822 130 61207	BC848
7364	4822 130 41782	BF422
7365	4822 130 41646	BF423
7383	4822 130 41782	BF422
7391	4822 130 41646	BF423
7402▲	5322 130 41982	BC848B
7411	4822 130 40938	BC548
7412	4822 130 61207	BC848
7422▲	5322 130 41982	BC848B
7423▲	5322 130 41982	BC848B
7530	5322 130 60159	BC846B
7533	4822 130 63015	BD440
7533	4822 130 63435	BD950
7534	4822 130 44283	BC636
7536▲	5322 130 41982	BC848B
7537▲	5322 130 41982	BC848B
7538▲	5322 130 41982	BC848B

1003 IF module [F/G]

Various

1003	4822 212 30988	Pal BG NIC
1003	4822 212 30999	Pal BG
1003	4822 212 31001	Pal I NICAM
1003	4822 212 31002	Pal/secam BG/LI
1003	4822 212 31006	Pal/secam BGDK
1010	4822 242 81561	B39389-J3251-K100
1010	4822 242 81562	B39389-K3261-K100
1010	4822 242 81563	B39389-G3254-K100
1010	4822 242 81584	OFWK3255K
1042	4822 153 30025	6MHz
1042	4822 242 72211	TPS5,5MW
1100	4822 242 70485	SFT5,74MA
1101	4822 242 70485	SFT5,74MA
1102	4822 242 71713	SFE6,0MBF
1102	4822 242 72057	SFE6,5MB
1103	4822 242 70714	SFT5,5MA
1105	4822 242 70714	SFT5,5MA
1105	4822 242 71713	SFE6,0MBF
1116	4822 242 72301	TH316BOM-20800DAF
1116	4822 242 72303	TH316BQM
1127	4822 242 81187	11.700MHz
1127	4822 242 81188	13.104MHz
1138	4822 242 81527	17,472MHz
1150	4822 242 81423	B39389-L9453-M100
1191▲	4822 071 54001	19372(400MA)
1200	4822 242 80208	10.000 000MHz

⊣⊢

2011▲	4822 124 40433	47µF 20% 25V
2011	4822 124 80056	47µF 20% 16V
2012▲	4822 124 40246	4.7µF 20% 63V
2012▲	4822 124 80067	4.7µF 20% 63V
2013	4822 122 31784	4.7nF 10% 50V
2013	4822 122 31797	22nF 10% 63V
2014	4822 122 31797	22nF 10% 63V
2015	5322 121 42498	680nF 5% 63V
2016	4822 122 31784	4.7nF 10% 50V
2017	4822 122 33496	100nF 10% 63V
2018	4822 121 51252	470nF 5% 63V
2035	4822 122 32506	5.6pF 5% 50V
2036	4822 122 31784	4.7nF 10% 50V
2037	4822 122 31784	4.7nF 10% 50V
2038	4822 122 33496	100nF 10% 63V
2039	4822 122 32083	8.2pF 5% 50V
2040	4822 122 31784	4.7nF 10% 50V
2041	4822 122 31784	4.7nF 10% 50V
2042	4822 122 32139	12pF 2% 63V
2044	4822 122 31797	22nF 10% 63V
2047	4822 122 33496	100nF 10% 63V
2048	4822 124 80056	47µF 20% 16V
2049	4822 122 33496	100nF 10% 63V
2050	4822 124 40849	330µF 20% 16V
2050	4822 124 80057	330µF 20% 16V
2051	4822 122 33496	100nF 10% 63V
2055	4822 122 31972	39pF 2% 63V
2056	5322 124 41379	2.2µF 20% 50V
2057	4822 122 31981	33nF +-0.5pF 50V
2058	4822 122 31797	22nF 10% 63V
2059	4822 124 42395	0.47µF 20% 50V
2071	4822 122 31972	39pF 2% 63V
2072	4822 124 41576	2.2µF 20% 50V
2073	4822 122 31981	33nF +-0.5pF 50V
2075	4822 122 31797	22nF 10% 63V
2076	4822 124 41407	0.47µF 20% 63V
2077	4822 122 31916	5.6nF 10% 63V
2080	4822 122 33464	56pF 2%
2081	4822 126 12344	180pF 5% 50V
2100	4822 124 40242	1µF 20% 63V
2101	4822 122 31746	1nF 2% 63V
2102	4822 122 31746	1nF 2% 63V
2102	4822 122 32765	820pF 2% 63V
2104	4822 122 31784	4.7nF 10% 50V
2106	4822 124 41576	2.2µF 20% 50V
2107	4822 124 41576	2.2µF 20% 50V
2108	4822 122 32862	10nF 80% 50V
2109	4822 124 41509	33µF 20% 35V
2111	4822 122 31797	22nF 10% 63V
2112	4822 122 31797	22nF 10% 63V
2113	5322 124 21731	10µF 20% 50V
2114	4822 122 31797	22nF 10% 63V
2114▲	4822 122 32442	10nF 50V
2115	4822 122 31797	22nF 10% 63V
2115	4822 122 32139	12pF 2% 63V
2115	5322 124 41378	33µF 20% 35V
2116	5322 122 31647	1nF 10% 63V
2117	4822 122 33496	100nF 10% 63V
2117	5322 124 41379	2.2µF 20% 50V
2118	5322 124 41379	2.2µF 20% 50V
2119	4822 122 31797	22nF 10% 63V
2119	4822 124 40198	470µF 20% 16V
2120	5322 124 41379	2.2µF 20% 50V
2122	4822 122 32862	10nF 80% 50V
2122	4822 122 33496	100nF 10% 63V
2123	4822 122 31768	180pF 2% 63V
2123	4822 124 40242	1µF 20% 63V
2123▲	4822 124 40246	4.7µF 20% 63V
2124	4822 122 31768	180pF 2% 63V
2124	4822 124 41576	2.2µF 20% 50V
2125	4822 122 32597	6.8nF 10% 63V
2125	4822 126 12585	910pF 2% 63V
2126	4822 122 31784	4.7nF 10% 50V
2126	5322 122 31647	1nF 10% 63V
2127	4822 122 31746	1nF 2% 63V
2127	4822 122 32765	820pF 2% 63V
2127	4822 126 12075	680pF 2% 63V
2127	5322 122 31647	1nF 10% 63V
2128	4822 122 31767	150pF 2% 63V
2128	4822 122 32765	820pF 2% 63V
2128	4822 126 12585	910pF 2% 63V
2129	4822 122 31727	470pF 2% 63V
2129	4822 122 31965	220pF 2% 63V
2129	4822 122 32862	10nF 80% 50V

2130	4822 122 31767	150pF 2% 63V
2130	4822 124 40195	150µF 20% 16V
2131	4822 122 31766	120pF 2% 63V
2132	4822 122 31981	33nF +-0.5pF 50V
2133	4822 122 31797	22nF 10% 63V
2133	5322 121 42661	330nF 5% 63V
2134	5322 122 31647	1nF 10% 63V
2135	4822 122 32862	10nF 80% 50V
2136	4822 122 31767	150pF 2% 63V
2137	4822 122 31947	100nF 20% 63V
2138	4822 122 32862	10nF 80% 50V
2140	4822 121 42408	220nF 5% 63V
2141	4822 122 31784	4.7nF 10% 50V
2143	5322 122 31647	1nF 10% 63V
2150	4822 126 11544	22nF 63V
2151▲	4822 124 40433	47µF 20% 25V
2160	4822 122 31765	100pF 2% 63V
2160	4822 122 31784	4.7nF 10% 50V
2161	4822 122 31765	100pF 2% 63V
2168	4822 122 31947	100nF 20% 63V
2169▲	4822 124 40433	47µF 20% 25V
2170	4822 122 31782	15nF 10% 50V
2170	4822 122 31916	5.6nF 10% 63V
2171	4822 122 31981	33nF +-0.5pF 50V
2171	5322 122 31648	12nF 10% 50V
2173	4822 122 31773	560pF 2% 63V
2174	4822 122 33498	2.7nF 10% 63V
2175	4822 122 32999	2.2N 5%
2176	4822 121 51252	470nF 5% 63V
2177	4822 126 11544	22nF 63V
2180	4822 122 31782	15nF 10% 50V
2180	4822 122 31916	5.6nF 10% 63V
2181	4822 122 31981	33nF +-0.5pF 50V
2181	5322 122 31648	12nF 10% 50V
2183	4822 122 31773	560pF 2% 63V
2184	4822 122 33498	2.7nF 10% 63V
2185	4822 122 32999	2.2N 5%
2186	4822 121 51252	470nF 5% 63V
2187	4822 126 11544	22nF 63V
2188▲	4822 124 40433	47µF 20% 25V
2189	4822 126 11544	22nF 63V
2190	4822 122 31947	100nF 20% 63V
2191	4822 124 41643	100µF 20% 16V
2193	4822 124 40849	330µF 20% 16V
2194	4822 122 31947	100nF 20% 63V
2198	4822 121 51252	470nF 5% 63V
2200	4822 121 51252	470nF 5% 63V
2201	4822 121 51252	470nF 5% 63V
2202	4822 121 51252	470nF 5% 63V
2202	4822 122 31766	120pF 2% 63V
2203	4822 122 31916	5.6nF 10% 63V
2203	4822 124 41509	33µF 20% 35V
2204	4822 121 42408	220nF 5% 63V
2204	4822 124 41509	33µF 20% 35V
2205	4822 122 31947	100nF 20% 63V
2206	4822 121 51252	470nF 5% 63V
2207	4822 121 51252	470nF 5% 63V
2208	4822 124 41509	33µF 20% 35V
2209	4822 121 51252	470nF 5% 63V
2209	4822 124 41509	33µF 20% 35V
2210	4822 122 31947	100nF 20% 63V
2210▲	4822 124 40246	4.7µF 20% 63V
2211	4822 121 42408	220nF 5% 63V
2211	4822 124 40198	470µF 20% 16V
2212	4822 124 40242	1µF 20% 63V
2212	4822 124 40435	10µF 20% 50V
2213	4822 122 31782	15nF 10% 50V
2213	4822 124 40195	150µF 20% 16V
2214	4822 122 31782	15nF 10% 50V
2214	4822 122 31947	100nF 20% 63V
2215	4822 122 31981	33nF +-0.5pF 50V
2215▲	4822 124 40433	47µF 20% 25V
2216	4822 122 31916	5.6nF 10% 63V
2216	4822 122 31981	33nF +-0.5pF 50V
2217	4822 122 31981	33nF +-0.5pF 50V
2217▲	4822 124 80067	4.7µF 20% 63V
2218	4822 122 31916	5.6nF 10% 63V
2218	4822 124 40849	330µF 20% 16V
2219▲	4822 124 40246	4.7µF 20% 63V
2219▲	4822 124 80067	4.7µF 20% 63V
2220	4822 122 31916	5.6nF 10% 63V
2220▲	4822 124 80067	4.7µF 20% 63V
2221▲	4822 124 80067	4.7µF 20% 63V
2222	4822 124 41643	100µF 20% 16V
2223	4822 122 31916	5.6nF 10% 63V
2223	5322 122 31647	1nF 10% 63V
2224	4822 122 31981	33nF +-0.5pF 50V
2225	4822 122 31782	15nF 10% 50V
2226	4822 122 31782	15nF 10% 50V

3012	4822 051 10562	5k6 2% 0.25W
3013	4822 051 10273	27k 2% 0.25W
3014	4822 051 10823	82k 2% 0.25W
3015	4822 051 10104	100k 2% 0.25W
3015	4822 116 52234	100k 5% 0.5W
3016	4822 100 11819	100k 30%LIN 0.1W
3017	4822 051 10823	82k 2% 0.25W
3019	4822 051 10473	47k 2% 0.25W
3020	4822 051 10273	27k 2% 0.25W
3021	4822 051 20183	18k 5% 0.1W
3030	4822 051 10223	22k 2% 0.25W
3031	4822 051 10474	470k 2% 0.25W
3035▲	4822 051 10472	4k7 2% 0.25W
3035	4822 051 10682	6k8 2% 0.25W
3036▲	4822 051 10472	4k7 2% 0.25W
3037	4822 051 10392	3k9 2% 0.25W
3038▲	4822 051 10472	4k7 2% 0.25W
3039▲	4822 051 10472	4k7 2% 0.25W
3040▲	4822 051 10472	4k7 2% 0.25W
3041	4822 051 10221	220Ω 2% 0.25W
3042	4822 051 10101	100Ω 2% 0.25W
3042	4822 051 10151	150Ω 2% 0.25W
3042	4822 051 51201	120Ω 1% 0.125W
3043	4822 116 52175	100Ω 5% 0.5W
3044	4822 051 10271	270Ω 2% 0.25W
3046	4822 116 52228	680Ω 5% 0.5W
3047▲	4822 050 21001	100Ω 1% 0.6W
3047	4822 051 10822	8k2 2% 0.25W
3048	4822 101 11188	2k 30%LIN 0.1W
3049	4822 051 20183	18k 5% 0.1W
3050	4822 051 10272	2k7 2% 0.25W
3051	4822 051 10563	56k 2% 0.25W
3052	4822 051 10102	1k 2% 0.25W
3053	4822 116 52233	10k 5% 0.5W
3055▲	4822 051 10103	10k 2% 0.25W
3056	4822 051 10471	470Ω 2% 0.25W
3058▲	4822 051 10472	4k7 2% 0.25W
3058	4822 051 10682	6k8 2% 0.25W
3060	4822 051 10471	470Ω 2% 0.25W
3061	4822 051 10124	120k 2% 0.25W
3062	4822 051 10563	56k 2% 0.25W
3063	4822 051 10272	2k7 2% 0.25W
3064	4822 051 10224	220k 2% 0.25W
3065	4822 051 10124	120k 2% 0.25W
3066	4822 051 10824	820k 2% 0.25W
3071	4822 051 10124	120k 2% 0.25W
3072	4822 051 10471	470Ω 2% 0.25W
3073	4822 051 10824	820k 2% 0.25W
3074	4822 051 10563	56k 2% 0.25W
3075	4822 051 10272	2k7 2% 0.25W
3076	4822 051 10224	220k 2% 0.25W
3077	4822 051 10124	120k 2% 0.25W
3081	4822 051 10569	56Ω 2% 0.25W
3100	4822 051 10561	560Ω 2% 0.25W
3101	4822 051 10331	330Ω 2% 0.25W
3102	4822 051 10681	680Ω 2% 0.25W
3105	4822 051 10561	560Ω 2% 0.25W
3105▲	4822 053 11121	120Ω 5% 2W
3106	4822 051 10561	560Ω 2% 0.25W
3106	4822 051 10569	56Ω 2% 0.25W
3107	4822 051 10102	1k 2% 0.25W
3107	4822 051 10569	56Ω 2% 0.25W
3108▲	4822 051 10472	4k7 2% 0.25W
3108	4822 051 10561	560Ω 2% 0.25W
3109	4822 051 10562	5k6 2% 0.25W
3109▲	4822 053 11121	120Ω 5% 2W
3110	4822 051 10562	5k6 2% 0.25W
3111▲	4822 051 10472	4k7 2% 0.25W
3112▲	4822 051 10472	4k7 2% 0.25W
3112	4822 051 10562	5k6 2% 0.25W
3113▲	4822 051 10472	4k7 2% 0.25W
3113	4822 051 10562	5k6 2% 0.25W
3114	4822 051 20222	2k2 5% 0.1W
3115	4822 051 10301	300Ω 2% 0.25W
3115	4822 051 10331	330Ω 2% 0.25W
3116	4822 051 10471	470Ω 2% 0.25W
3117	4822 051 10102	1k 2% 0.25W
3117	4822 051 10561	560Ω 2% 0.25W
3117	4822 051 10681	680Ω 2% 0.25W
3118	4822 051 10122	1k2 2% 0.25W
3119	4822 051 10562	5k6 2% 0.25W
3119	4822 051 20222	2k2 5% 0.1W
3120	4822 051 10561	560Ω 2% 0.25W
3120	4822 051 10562	5k6 2% 0.25W
3121	4822 051 10272	2k7 2% 0.25W
3121	4822 051 10562	5k6 2% 0.25W
3122	4822 051 10122	1k2 2% 0.25W
3122	4822 051 10471	470Ω 2% 0.25W
3123	4822 051 10332	3k3 2% 0.25W
3123	4822 051 10561	560Ω 2% 0.25W
3124	4822 051 10008	0Ω 5% 0.25W
3124	4822 051 10332	3k3 2% 0.25W
3125	4822 051 10102	1k 2% 0.25W
3125	4822 051 10223	22k 2% 0.25W
3126	4822 051 10102	1k 2% 0.25W
3127	4822 051 10104	100k 2% 0.25W
3127	4822 051 10152	1k5 2% 0.25W
3128	4822 051 10182	1k8 2% 0.25W
3128	4822 051 10223	22k 2% 0.25W
3129▲	4822 051 10103	10k 2% 0.25W
3130	4822 051 10223	22k 2% 0.25W
3131	4822 051 10392	3k9 2% 0.25W
3133	4822 051 10333	33k 2% 0.25W
3134▲	4822 051 10103	10k 2% 0.25W
3135▲	4822 051 10103	10k 2% 0.25W
3136	4822 051 10104	100k 2% 0.25W
3137	4822 051 10104	100k 2% 0.25W
3138	4822 051 10105	1M 5% 0.25W
3139	4822 051 10273	27k 2% 0.25W
3140	4822 051 10824	820k 2% 0.25W
3141	4822 051 10152	1k5 2% 0.25W
3142▲	4822 051 10103	10k 2% 0.25W
3143	4822 051 10102	1k 2% 0.25W
3150▲	4822 051 10103	10k 2% 0.25W
3150▲	4822 052 10278	2Ω7 5% 0.33W
3151	4822 051 20222	2k2 5% 0.1W
3152▲	4822 051 10103	10k 2% 0.25W
3153▲	4822 051 10103	10k 2% 0.25W
3154▲	4822 051 10103	10k 2% 0.25W
3158	4822 051 10473	47k 2% 0.25W
3159	4822 051 10473	47k 2% 0.25W
3160	4822 051 10331	330Ω 2% 0.25W
3161	4822 051 10331	330Ω 2% 0.25W
3168▲	4822 052 10278	2Ω7 5% 0.33W
3170	4822 051 10682	6k8 2% 0.25W
3170	4822 051 20183	18k 5% 0.1W
3171	4822 051 10122	1k2 2% 0.25W
3171	4822 051 10332	3k3 2% 0.25W
3172▲	4822 051 10472	4k7 2% 0.25W
3173▲	4822 051 10472	4k7 2% 0.25W
3177▲	4822 051 10472	4k7 2% 0.25W
3177	4822 051 10682	6k8 2% 0.25W
3180	4822 051 10682	6k8 2% 0.25W
3180	4822 051 20183	18k 5% 0.1W
3181	4822 051 10122	1k2 2% 0.25W
3181	4822 051 10332	3k3 2% 0.25W
3182▲	4822 051 10472	4k7 2% 0.25W
3183▲	4822 051 10472	4k7 2% 0.25W
3188▲	4822 052 10109	10Ω 5% 0.33W
3190	4822 051 10471	470Ω 2% 0.25W
3200	4822 051 10331	330Ω 2% 0.25W
3200	4822 101 11191	10k 30%LIN 0.1W
3201	4822 051 10331	330Ω 2% 0.25W
3201	4822 051 10822	8k2 2% 0.25W
3202	4822 051 10512	5k1 2% 0.25W
3202	4822 051 10563	56k 2% 0.25W
3203	4822 051 10563	56k 2% 0.25W
3204	4822 051 10563	56k 2% 0.25W
3204	4822 101 11191	10k 30%LIN 0.1W
3205▲	4822 052 10229	22Ω 5% 0.33W
3206	4822 051 10331	330Ω 2% 0.25W
3206	4822 051 10478	4Ω7 5% 0.25W
3207	4822 116 83726	27k 5% 0.125W
3208	4822 051 10272	2k7 2% 0.25W
3208	4822 051 10331	330Ω 2% 0.25W
3209▲	4822 051 10103	10k 2% 0.25W
3209	4822 051 10333	33k 2% 0.25W
3210	4822 050 11002	1k 1% 0.4W
3210	4822 051 10102	1k 2% 0.25W
3211	4822 051 10101	100Ω 2% 0.25W
3211	4822 051 10102	1k 2% 0.25W
3212	4822 051 10102	1k 2% 0.25W
3213	4822 051 10478	4Ω7 5% 0.25W
3213	4822 116 52233	10k 5% 0.5W
3214	4822 051 10102	1k 2% 0.25W
3215	4822 051 10102	1k 2% 0.25W
3215	4822 051 10683	68k 2% 0.25W
3216	4822 051 10101	100Ω 2% 0.25W
3216	4822 051 10104	100k 2% 0.25W
3217	4822 051 10151	150Ω 2% 0.25W
3218	4822 051 10331	330Ω 2% 0.25W
3219	4822 051 10151	150Ω 2% 0.25W
4xxx	4822 051 10008	0Ω 5% 0.25W

5010	4822 157 53302	1µH
5010	4822 157 61898	COIL
5035▲	4822 156 11154	0.34µH 39mH z
5036	4822 157 53609	0.36µH 5%
5036	4822 157 63824	0.36µH 5% 38.9mH z
5037	4822 156 11153	1.35µH 33mH z
5038	4822 156 11155	1.20µH 32mH z
5039	4822 152 20678	33µH
5042	4822 157 53634	5.6µH 10%
5042	4822 157 62767	8.2µH
5080	4822 157 53539	0.27µH 5%
5101	4822 157 52511	0.83µH
5102	4822 157 52511	0.83µH
5103▲	4822 156 11156	0.25µH 38.8mHz
5103	4822 157 52511	0.83µH
5104▲	4822 156 11156	0.25µH 38.8mHz
5105	4822 157 52511	0.83µH
5123	4822 157 50975	1 mH
5124	4822 157 50975	1 mH
5150	4822 157 63845	2.7µH

6037	4822 130 80888	BA682
6038	4822 130 80888	BA682
6039▲	4822 130 30621	1N4148
6040	4822 130 80446	LL4148
6041	4822 130 80446	LL4148
6042	4822 130 80446	LL4148
6043	4822 130 80446	LL4148
6070	4822 130 80446	LL4148
6071	4822 130 80446	LL4148
6072	4822 130 80446	LL4148
6075	4822 130 80446	LL4148
6106	4822 130 80888	BA682
6107	4822 130 80888	BA682
6108	4822 130 80888	BA682
6109	4822 130 80446	LL4148
6127	4822 209 30911	OF4076
6134	4822 130 83396	OF4271
6140	4822 130 80446	LL4148
6150	4822 130 80888	BA682
6151	4822 130 80888	BA682
6190	4822 130 80446	LL4148
6191	4822 130 80954	LLZ-C5V6
6220	4822 130 81015	LLZ-C10
6221	4822 130 80446	LL4148
6222	4822 130 80446	LL4148
6225	4822 130 81015	LLZ-C10

7000	4822 209 72812	TDA2549/C4
7030	5322 130 42012	BC858
7031	4822 130 61207	BC848
7035	4822 130 44121	BC338
7040	5322 130 42012	BC858A
7073	5322 130 42012	BC858A
7100	4822 209 63059	TDA3856/V3
7100	4822 209 63784	TDA3857/V3
7101	4822 209 63784	TDA3857/V3
7102	4822 130 61207	BC848
7104	4822 130 61207	BC848
7106	4822 130 61207	BC848
7108	4822 130 61207	BC848
7117	5322 130 42012	BC858
7118	4822 130 61207	BC848
7120	4822 209 30909	TDA8732/C1
7133	4822 130 61207	BC848
7150	4822 130 61207	BC848
7150▲	4822 209 30914	SAA7280P/M3
7151	4822 130 61207	BC848
7160	4822 130 61207	BC848
7161	4822 130 61207	BC848
7168	4822 209 73236	TDA1543/N2
7170▲	4822 209 83163	LM833N
7180▲	4822 209 83163	LM833N
7190	5322 130 41983	BC858B
7191	4822 130 44121	BC338
7200	4822 209 30147	TDA8415/V3
7200	4822 209 63967	TDA8417/V3
7213	4822 209 63734	TDA8425/V7
7217▲	5322 130 41982	BC848B
7220	4822 209 63734	TDA8425/V7
7232▲	5322 130 41982	BC848B
7233	4822 130 42513	BC858C

1104 Audio module [H]

Various

4822 265 30985	3P
4822 265 31059	5P
4822 265 31136	3P black
4822 265 40469	6P FEMALE

Spare parts lists/Ersatzteilliste/Liste des pièces

	4822 265 40503	FEMALE 5P
1104	4822 212 30976	Module(actif filter)
1104	4822 212 30986	Module(no filter)

2301	4822 121 43396	120nF 5% 63V
2302▲	4822 122 32442	10nF 50V
2306	4822 121 51356	180nF 10% 63V
2307	5322 121 42498	680nF 5% 63V
2310	4822 122 33496	100nF 10% 63V
2311	4822 122 32482	22pF 2% 63V
2312	5322 121 42502	390nF 5% 63V
2321	4822 121 43396	120nF 5% 63V
2322▲	4822 122 32442	10nF 50V
2326	4822 121 51356	180nF 10% 63V
2327	5322 121 42498	680nF 5% 63V
2330	4822 122 33496	100nF 10% 63V
2331	4822 122 32482	22pF 2% 63V
2332	5322 121 42502	390nF 5% 63V
2340	4822 122 31797	22nF 10% 63V
2341	4822 122 31797	22nF 10% 63V
2350	4822 122 32482	22pF 2% 63V
2356	4822 122 31782	15nF 10% 50V
2359	4822 124 80698	10µF 20% 35V
2360	4822 124 80699	4.7µF 20% 35V
2361	4822 122 32482	22pF 2% 63V
2362	4822 124 21212	15µF 20% 40V
2363	4822 124 21212	15µF 20% 40V
2370	4822 122 32482	22pF 2% 63V
2376	4822 122 31782	15nF 10% 50V
2379	4822 124 80698	10µF 20% 35V
2380	4822 124 80699	4.7µF 20% 35V
2381	4822 122 32482	22pF 2% 63V
2382	4822 124 21212	15µF 20% 40V
2383	4822 124 21212	15µF 20% 40V

3232	4822 116 52175	100Ω 5% 0.5W
3233	4822 116 52233	10k 5% 0.5W
3234	4822 116 52257	22k 5% 0.5W
3235	4822 051 10223	22k 2% 0.25W
3236	4822 051 10562	5k6 2% 0.25W
3237	4822 051 10562	5k6 2% 0.25W
3238	4822 116 52207	1k2 5% 0.5W
3239	4822 051 10122	1k2 2% 0.25W
3240▲	4822 051 10103	10k 2% 0.25W
3240	4822 051 10473	47k 2% 0.25W
3300	4822 051 10473	47k 2% 0.25W
3301	4822 051 10123	12k 2% 0.25W
3302	4822 051 10431	430Ω 2% 0.25W
3304	4822 116 52175	100Ω 5% 0.5W
3305	4822 051 10101	100Ω 2% 0.25W
3306	4822 051 10332	3k3 2% 0.25W
3307	4822 051 10153	15k 2% 0.25W
3308	4822 051 10182	1k8 2% 0.25W
3310	4822 051 10682	6k8 2% 0.25W
3311	4822 051 10682	6k8 2% 0.25W
3312	4822 051 10122	1k2 2% 0.25W
3314	4822 051 10101	100Ω 2% 0.25W
3315	4822 051 10101	100Ω 2% 0.25W
3319	4822 051 10681	680Ω 2% 0.25W
3320	4822 051 10473	47k 2% 0.25W
3321	4822 051 10123	12k 2% 0.25W
3322	4822 051 10431	430Ω 2% 0.25W
3324	4822 051 10101	100Ω 2% 0.25W
3325	4822 051 10101	100Ω 2% 0.25W
3326	4822 051 10332	3k3 2% 0.25W
3327	4822 051 10153	15k 2% 0.25W
3328	4822 051 10182	1k8 2% 0.25W
3330	4822 051 10682	6k8 2% 0.25W
3331	4822 051 10682	6k8 2% 0.25W
3332	4822 051 10122	1k2 2% 0.25W
3338	4822 051 10681	680Ω 2% 0.25W
3348	4822 051 10101	100Ω 2% 0.25W
3349	4822 051 10101	100Ω 2% 0.25W
3350▲	4822 051 10103	10k 2% 0.25W
3352	4822 116 52175	100Ω 5% 0.5W
3353	4822 116 52303	8k2 5% 0.5W
3354	4822 051 10102	1k 2% 0.25W
3355	4822 051 10102	1k 2% 0.25W
3356	4822 051 10104	100k 2% 0.25W
3357	4822 051 10105	1M 5% 0.25W
3358	4822 051 10104	100k 2% 0.25W
3359	4822 051 10224	220k 2% 0.25W
3360	4822 051 10682	6k8 2% 0.25W
3361▲	4822 051 10103	10k 2% 0.25W
3362	4822 051 10102	1k 2% 0.25W
3363	4822 051 10102	1k 2% 0.25W
3368	4822 051 10101	100Ω 2% 0.25W
3369	4822 116 52175	100Ω 5% 0.5W
3370▲	4822 051 10103	10k 2% 0.25W
3372	4822 051 10101	100Ω 2% 0.25W
3373	4822 116 52303	8k2 5% 0.5W
3374	4822 051 10102	1k 2% 0.25W
3375	4822 051 10102	1k 2% 0.25W
3376	4822 051 10104	100k 2% 0.25W
3377	4822 051 10105	1M 5% 0.25W
3378	4822 051 10104	100k 2% 0.25W
3379	4822 051 10224	220k 2% 0.25W
3380	4822 051 10682	6k8 2% 0.25W
3381▲	4822 051 10103	10k 2% 0.25W
3382	4822 051 10102	1k 2% 0.25W
3383	4822 051 10102	1k 2% 0.25W

6249	4822 130 80446	LL4148
6307	4822 130 80446	LL4148
6308	4822 130 80446	LL4148
6327	4822 130 80446	LL4148
6328	4822 130 80446	LL4148
6360	4822 130 80446	LL4148
6361	4822 130 80446	LL4148
6362	4822 130 80446	LL4148
6363	4822 130 80446	LL4148
6380	4822 130 80446	LL4148
6381	4822 130 80446	LL4148
6382	4822 130 80446	LL4148
6383	4822 130 80446	LL4148

7245	5322 130 42136	BC848C
7246	5322 130 42136	BC848C
7247	5322 130 42136	BC848C
7300▲	4822 209 83163	LM833N
7315▲	4822 209 83163	LM833N
7320▲	4822 209 83163	LM833N
7350▲	4822 209 83163	LM833N
7355	5322 130 44499	BF245A
7370▲	4822 209 83163	LM833N
7375	5322 130 44499	BF245A

1040 Ext. loudspeakers

Various

	4822 264 40207	3P MALE FOR BTB-WTB
	4822 264 40239	3P MALE
	4822 265 51365	20P GREY MALE
	4822 277 21714	SWITCH
	4822 290 61185	EXT. 4/PUSH
1040	4822 212 30985	EXTERNAL LS MODULE

2200	4822 121 42687	3.3nF 10% 63V
2201	4822 121 42687	3.3nF 10% 63V

1003 TXT module [I]

Connectors

	4822 265 31133	3P RFK5 - White
	4822 265 31139	5P RFK5-white male
	4822 265 40469	BTB female 6P
	4822 265 40471	BTB female8P
	4822 266 30276	BTB female 4P
	4822 267 50621	7P male white

Various

1003	4822 212 30977	TXT EUR. 4\3
1003	4822 212 30989	TXT NORDIC 4\3
1003	4822 212 30991	TXT-16/9
1500	4822 242 70392	6,000 000 MHz HC18U
1800	4822 242 81191	27MHz
1870▲	4822 071 53151	19372(315MA)
1880	4822 242 72436	12,000 000 MHz

2500	4822 124 40435	10µF 20% 50V
2501	5322 124 41299	68µF 20% 25V
2502	4822 121 43396	120nF 5% 63V
2503▲	4822 122 32442	10nF 50V
2504	4822 122 33496	100nF 10% 63V
2505	4822 121 43396	120nF 5% 63V
2506	5322 121 42661	330nF 5% 63V
2507	5322 122 32332	1.5nF 10% 100V
2508	4822 122 31965	220pF 2% 63V
2510	4822 122 32183	56nF 10% 50V
2511	5322 121 42661	330nF 5% 63V
2512	5322 124 41299	68µF 20% 25V
2513	4822 122 33496	100nF 10% 63V
2514	4822 122 33496	100nF 10% 63V
2515	4822 124 41577	4.7µF 20% 50V
2516	4822 122 33496	100nF 10% 63V
2517	4822 122 33496	100nF 10% 63V
2518	4822 122 31825	27pF 2% 63V
2519	4822 122 31825	27pF 2% 63V
2520	4822 122 33496	100nF 10% 63V
2521	4822 124 40435	10µF 20% 50V
2522	5322 122 32334	220pF 10% 100V
2523▲	4822 122 30099	3.3nF 10% 100V
2524	4822 122 32507	6.8pF 5% 50V
2525	4822 122 32507	6.8pF 5% 50V
2526▲	4822 122 32442	10nF 50V
2527	4822 122 33496	100nF 10% 63V
2529	4822 122 31766	120pF 2% 63V
2530	4822 122 31766	120pF 2% 63V
2531	5322 122 31647	1nF 10% 63V
2532	4822 122 33496	100nF 10% 63V
2800	4822 122 31971	10pF 2% 63V
2801	4822 122 33496	100nF 10% 63V
2802	4822 122 31746	1nF 2% 63V
2804	4822 122 32504	15pF 2% 63V
2805	4822 122 33496	100nF 10% 63V
2806	4822 122 33496	100nF 10% 63V
2808	4822 122 33496	100nF 10% 63V
2810	4822 122 33496	100nF 10% 63V
2825	4822 122 31772	47pF 2% 63V
2826	4822 122 31772	47pF 2% 63V
2830	4822 122 33496	100nF 10% 63V
2832	4822 122 33496	100nF 10% 63V
2833	4822 122 33496	100nF 10% 63V
2834	4822 124 40435	10µF 20% 50V
2836	4822 122 31766	120pF 2% 63V
2859	4822 122 31766	120pF 2% 63V
2862	4822 122 31774	56pF 2% 63V
2863	4822 122 33496	100nF 10% 63V
2865	4822 122 31746	1nF 2% 63V
2870	4822 124 41643	100µF 20% 16V
2871▲	4822 124 40433	47µF 20% 25V
2872	4822 124 40272	33µF 20% 16V
2880	4822 124 40435	10µF 20% 50V
2881	4822 122 32482	22pF 2% 63V
2882	4822 122 32482	22pF 2% 63V
2883	4822 122 31766	120pF 2% 63V

3500	4822 051 10393	39k 2% 0.25W
3501	4822 051 10154	150k 2% 0.25W
3502	4822 051 10393	39k 2% 0.25W
3503	4822 051 20222	2k2 5% 0.1W
3504	4822 051 20183	18k 5% 0.1W
3505	4822 051 10105	1M 5% 0.25W
3506	4822 116 52238	12k 5% 0.5W
3507	4822 051 10104	100k 2% 0.25W
3508	4822 051 10393	39k 2% 0.25W
3509	4822 051 20222	2k2 5% 0.1W
3510	4822 051 10123	12k 2% 0.25W
3511	4822 051 10123	12k 2% 0.25W
3512	4822 051 10123	12k 2% 0.25W
3513	4822 051 10123	12k 2% 0.25W
3514	4822 051 10102	1k 2% 0.25W
3515▲	4822 052 10479	47Ω 5% 0.33W
3516	4822 051 10123	12k 2% 0.25W
3517▲	4822 051 10103	10k 2% 0.25W
3518	4822 051 10153	15k 2% 0.25W
3519	4822 051 10102	1k 2% 0.25W
3520	4822 051 10563	56k 2% 0.25W
3521	4822 051 10123	12k 2% 0.25W
3529	4822 051 10101	100Ω 2% 0.25W
3530▲	4822 051 10103	10k 2% 0.25W
3531▲	4822 051 10103	10k 2% 0.25W
3532	4822 051 10563	56k 2% 0.25W
3533	4822 051 10563	56k 2% 0.25W
3536	4822 051 10473	47k 2% 0.25W
3537	4822 051 10332	3k3 2% 0.25W
3538	4822 051 20222	2k2 5% 0.1W
3539	4822 051 10331	330Ω 2% 0.25W
3540	4822 051 10102	1k 2% 0.25W
3541	4822 051 10223	22k 2% 0.25W
3542	4822 051 10562	5k6 2% 0.25W
3543	4822 051 10184	180k 2% 0.25W
3544	4822 051 10223	22k 2% 0.25W
3545	4822 051 10562	5k6 2% 0.25W
3546	4822 051 10223	22k 2% 0.25W
3547	4822 051 10562	5k6 2% 0.25W
3548	4822 050 11002	1k 1% 0.4W
3549▲	4822 051 10103	10k 2% 0.25W
3550	4822 051 10223	22k 2% 0.25W
3551	4822 051 10562	5k6 2% 0.25W
3552	4822 051 10123	12k 2% 0.25W
3553	4822 051 20222	2k2 5% 0.1W
3554▲	4822 116 52256	2k2 5% 0.5W
3555	4822 051 10392	3k9 2% 0.25W
3556	4822 051 10102	1k 2% 0.25W
3557	4822 051 10332	3k3 2% 0.25W
3558	4822 051 10102	1k 2% 0.25W
3559	4822 051 20222	2k2 5% 0.1W
3560	4822 051 20222	2k2 5% 0.1W
3561	4822 051 10223	22k 2% 0.25W
3562	4822 051 10223	22k 2% 0.25W
3563	4822 051 10101	100Ω 2% 0.25W
3564	4822 051 10102	1k 2% 0.25W
3565	4822 051 10392	3k9 2% 0.25W
3566	4822 051 20183	18k 5% 0.1W
3567	4822 051 10105	1M 5% 0.25W
3568	4822 051 10473	47k 2% 0.25W
3569	4822 051 10123	12k 2% 0.25W
3570	4822 051 10332	3k3 2% 0.25W
3571	4822 051 10473	47k 2% 0.25W
3572	4822 051 10125	1M2 5% 0.25W
3573	4822 051 20183	18k 5% 0.1W
3591	4822 051 20222	2k2 5% 0.1W
3592	4822 051 20222	2k2 5% 0.1W
3593	4822 051 20222	2k2 5% 0.1W
3594	4822 051 10101	100Ω 2% 0.25W
3595	4822 051 10101	100Ω 2% 0.25W
3596	4822 051 10101	100Ω 2% 0.25W
3597	4822 051 10101	100Ω 2% 0.25W
3800	4822 051 10332	3k3 2% 0.25W
3802	4822 051 10273	27k 2% 0.25W
3803▲	4822 051 10103	10k 2% 0.25W
3804	4822 116 52207	1k2 5% 0.5W
3805	4822 116 52207	1k2 5% 0.5W
3806	4822 051 10221	220Ω 2% 0.25W
3807	4822 051 10223	22k 2% 0.25W
3808	4822 051 10223	22k 2% 0.25W
3809	4822 051 10223	22k 2% 0.25W
3809	4822 116 52257	22k 5% 0.5W
3810	4822 116 52207	1k2 5% 0.5W
3811	4822 051 10122	1k2 2% 0.25W
3812	4822 051 10122	1k2 2% 0.25W
3813	4822 051 10122	1k2 2% 0.25W
3814	4822 051 10122	1k2 2% 0.25W
3815	4822 116 52207	1k2 5% 0.5W
3816	4822 116 52207	1k2 5% 0.5W
3817	4822 051 10122	1k2 2% 0.25W
3817	4822 116 52207	1k2 5% 0.5W
3818	4822 051 10122	1k2 2% 0.25W
3818	4822 116 52207	1k2 5% 0.5W
3819	4822 051 10122	1k2 2% 0.25W
3819	4822 116 52207	1k2 5% 0.5W
3824▲	4822 116 52283	4k7 5% 0.5W
3825▲	4822 051 10472	4k7 2% 0.25W
3825▲	4822 116 52283	4k7 5% 0.5W
3826	4822 116 52213	180Ω 5% 0.5W
3827	4822 116 52213	180Ω 5% 0.5W
3830	4822 051 10829	82Ω 2% 0.25W
3831	4822 051 10821	820Ω 2% 0.25W
3832	4822 051 10102	1k 2% 0.25W
3833	4822 051 10102	1k 2% 0.25W
3834	4822 051 10681	680Ω 2% 0.25W
3835	4822 116 52233	10k 5% 0.5W
3836	4822 051 10473	47k 2% 0.25W
3837	4822 051 10102	1k 2% 0.25W
3838	4822 051 10473	47k 2% 0.25W
3839	4822 051 10151	150Ω 2% 0.25W
3840	4822 051 10101	100Ω 2% 0.25W
3840	4822 116 52175	100Ω 5% 0.5W
3842	4822 051 10561	560Ω 2% 0.25W
3850	4822 051 51201	120Ω 1% 0.125W
3850	4822 116 52206	120Ω 5% 0.5W
3851	4822 051 10102	1k 2% 0.25W
3852	4822 051 10102	1k 2% 0.25W
3853	4822 051 51201	120Ω 1% 0.125W
3853	4822 116 52206	120Ω 5% 0.5W
3854	4822 051 10102	1k 2% 0.25W
3855	4822 051 10102	1k 2% 0.25W
3856	4822 051 51201	120Ω 1% 0.125W
3856	4822 116 52206	120Ω 5% 0.5W
3857	4822 051 10102	1k 2% 0.25W
3858	4822 051 10102	1k 2% 0.25W
3859	4822 116 52175	100Ω 5% 0.5W
3860	4822 051 10272	2k7 2% 0.25W
3861	4822 051 10562	5k6 2% 0.25W
3862	4822 051 10333	33k 2% 0.25W
3863	4822 051 10223	22k 2% 0.25W
3864▲	4822 051 10103	10k 2% 0.25W

Spare parts lists/Ersatzteilliste/Liste des pièces

1003 TXT module [I]

3865	4822 051 10392	3k9 2% 0.25W
3867	4822 116 52206	120Ω 5% 0.5W
3868	4822 051 10101	100Ω 2% 0.25W
3869	4822 051 10821	820Ω 2% 0.25W
3872	4822 051 10331	330Ω 2% 0.25W
3873	4822 051 10271	270Ω 2% 0.25W
3874	4822 051 10181	180Ω 2% 0.25W
3880▲	4822 051 10103	10k 2% 0.25W
3881	4822 051 10102	1k 2% 0.25W
3882	4822 051 10332	3k3 2% 0.25W
3883	4822 051 10101	100Ω 2% 0.25W
3890	4822 051 10102	1k 2% 0.25W
3890	4822 051 10272	2k7 2% 0.25W

Jumper

4xxx	4822 051 10008	0Ω 5% 0.25W

5500	4822 157 53634	5.6µH 10%
5501	4822 157 63316	COIL
5800	4822 157 60122	COIL
5801	4822 152 20677	10µH
5810	4822 157 53634	5.6µH 10%
5834	4822 157 53001	27µH
5870	4822 157 51157	3.3µH
5880	4822 157 53634	5.6µH 10%

6500	4822 130 80446	LL4148
6501	4822 130 81145	LLZ-F2V4
6502	4822 130 81145	LLZ-F2V4
6503	4822 130 81288	LLZ-C12
6800	4822 130 82921	LLZ-F3V9
6840	4822 130 80446	LL4148
6850	4822 130 80446	LL4148
6851	4822 130 80446	LL4148
6852	4822 130 80446	LL4148
6860	4822 130 80446	LL4148
6870	4822 130 80905	LLZ-F5V1
6871	4822 130 81227	LLZ-F5V6

7500	4822 130 42513	BC858C
7501	5322 130 42136	BC848C
7502	5322 130 42136	BC848C
7503	5322 130 42136	BC848C
7504	5322 130 42136	BC848C
7505	5322 130 42136	BC848C
7506	5322 130 42136	BC848C
7507	4822 130 42513	BC858C
7508	5322 130 42136	BC848C
7510	4822 130 42513	BC858C
7511	5322 130 42136	BC848C
7512	5322 130 42136	BC848C
7513	5322 130 42136	BC848C
7514	5322 130 42136	BC848C
7515	4822 209 62098	ST24C02A
7516	4822 209 32727	TMP47P1637-1.0 for 16/9 sets
7517	4822 130 42513	BC858C
7518	4822 130 42513	BC858C
7519	4822 130 42513	BC858C
7520	4822 130 42513	BC858C
7521	5322 130 42136	BC848C
7522	4822 130 42513	BC858C
7523	5322 130 42136	BC848C
7524	5322 130 42136	BC848C
7525	5322 130 42136	BC848C
7526	5322 130 42136	BC848C
7800	4822 209 32642	SAA5246
7810	4822 209 30641	HY6264P-15
7831	4822 130 42513	BC858C
7833	5322 130 42136	BC848C
7850	5322 130 42136	BC848C
7851	5322 130 42136	BC848C
7852	5322 130 42136	BC848C
7860	4822 130 61207	BC848
7861	5322 130 60159	BC846B
7863	4822 130 61207	BC848
7870▲	4822 130 41344	BC337-40
7871	5322 130 42012	BC858
7872▲	4822 130 41344	BC337-40
7880	4822 209 32721	P87C528EBP-1.1 for Europe
7880	4822 209 32724	P87C528EBP-1.0 for Nordic
7881	4822 130 61207	BC848

1004 PIP module [J]

Various

	4822 256 91984	HOLDER
	4822 265 30899	5 P socket
	4822 265 31011	5.P.
	4822 265 40472	BTB female 10P
	4822 265 40503	BTB female 5P
	4822 265 41255	10 P. MALE
	4822 267 50637	10P grey female
	4822 290 60798	11P grey female
1004	4822 212 30978	PIP module
1155	4822 320 40051	Delay line
1201	4822 242 70304	8,867 238 MHz RW43
1212	4822 242 70736	7,159 090 MHz NR-18

2103	4822 126 10324	33pF 2% 63V
2105	4822 122 31766	120pF 2% 63V
2118	4822 122 31775	680pF 2% 63V
2119	4822 122 31767	150pF 2% 63V
2120	4822 122 31807	1200pF 2% 63V
2125	4822 126 11544	22nF 63V
2155	4822 122 32862	10nF 80% 50V
2158	4822 122 32862	10nF 80% 50V
2160	4822 124 40242	1µF 20% 63V
2161	4822 124 41576	2.2µF 20% 50V
2162	4822 122 31947	100nF 20% 63V
2171	4822 122 31961	68pF 2% 63V
2172	4822 126 11175	22pF 5% 50V
2176	4822 126 11175	22pF 5% 50V
2177	4822 122 31961	68pF 2% 63V
2180	4822 122 31768	180pF 2% 63V
2181	4822 122 31768	180pF 2% 63V
2185	4822 126 11544	22nF 63V
2187	4822 126 11544	22nF 63V
2189	4822 122 31746	1nF 2% 63V
2196	4822 122 31947	100nF 20% 63V
2197	4822 122 31385	22pF 50V
2201	4822 122 31746	1nF 2% 63V
2202	4822 125 50045	1p8-22p 250V
2211	4822 122 31746	1nF 2% 63V
2212	4822 125 50045	1p8-22p 250V
2220	5322 121 42661	330nF 5% 63V
2222	4822 122 32542	47nF 10% 63V
2227	5322 122 31842	330pF 2% 63V
2230	4822 124 40242	1µF 20% 63V
2232	5322 124 41431	22µF 20% 35V
2234	4822 122 33496	100nF 10% 63V
2235	4822 124 41578	6.8µF 20% 50V
2238	4822 121 42937	2.7nF 1% 250V
2239	4822 122 31947	100nF 20% 63V
2250	4822 121 41738	270nF 5% 63V
2251	5322 122 31647	1nF 10% 63V
2255	4822 122 31766	120pF 2% 63V
2260	4822 122 31947	100nF 20% 63V
2270	4822 122 31947	100nF 20% 63V
2340▲	4822 124 40433	47µF 20% 25V
2345▲	4822 124 40433	47µF 20% 25V
2350	4822 124 40849	330µF 20% 16V
2351	4822 124 41643	100µF 20% 16V
2390	4822 122 31947	100nF 20% 63V
2398	4822 122 31766	120pF 2% 63V
2399	4822 122 31797	22nF 10% 63V
2404	4822 122 31965	220pF 2% 63V
2405	4822 122 32862	10nF 80% 50V
2409	4822 122 31965	220pF 2% 63V
2410	4822 122 32862	10nF 80% 50V
2413	4822 122 31765	100pF 2% 63V
2414	4822 122 31947	100nF 20% 63V
2415	4822 122 31965	220pF 2% 63V
2430	4822 122 31947	100nF 20% 63V
2432	4822 122 31947	100nF 20% 63V
2434	4822 122 31947	100nF 20% 63V
2438	4822 121 41857	10nF 5% 250V
2439	4822 121 41856	22nF 5% 250V
2440	4822 122 31965	220pF 2% 63V
2441	4822 122 31727	470pF 2% 63V
2442	4822 124 40242	1µF 20% 63V
2444	4822 051 10224	220K00 2% 0.25W
2446	4822 122 31947	100nF 20% 63V
2448	4822 122 31947	100nF 20% 63V
2450	4822 122 32856	8.2nF 10% 63V
2455	4822 122 31972	39pF 2% 63V
2459	4822 124 41997	470µF 10V
2466	4822 122 31947	100nF 20% 63V

3103	4822 051 10821	820Ω 2% 0.25W
3104	4822 051 10821	820Ω 2% 0.25W
3105	4822 051 10362	3k6 2% 0.25W
3106	4822 116 52233	10k 5% 0.5W
3107▲	4822 051 10103	10k 2% 0.25W
3108▲	4822 051 10103	10k 2% 0.25W
3155	4822 051 10391	390Ω 2% 0.25W
3156	4822 051 10122	1k2 2% 0.25W
3157	4822 100 11391	330Ω 30%lin 0.1W
3158	4822 051 10759	75Ω 2% 0.25W
3170	4822 051 10112	1k1 2% 0.25W
3175	4822 051 10621	620Ω 2% 0.25W
3196	4822 050 11002	1k 1% 0.4W
3200▲	4822 051 10103	10k 2% 0.25W
3201▲	4822 051 10103	10k 2% 0.25W
3202▲	4822 051 10103	10k 2% 0.25W
3211▲	4822 051 10103	10k 2% 0.25W
3212▲	4822 051 10103	10k 2% 0.25W
3214	4822 051 10102	1k 2% 0.25W
3220	4822 051 10512	5k1 2% 0.25W
3221	4822 116 52233	10k 5% 0.5W
3222	4822 051 10008	0Ω 5% 0.25W
3227	4822 116 52299	7k5 5% 0.5W
3228▲	4822 051 10472	4k7 2% 0.25W
3231	4822 051 10682	6k8 2% 0.25W
3232	4822 051 10229	22Ω 2% 0.25W
3233	4822 051 10471	470Ω 2% 0.25W
3234	4822 051 10361	360Ω 2% 0.25W
3235	4822 051 10122	1k2 2% 0.25W
3236	4822 051 10181	180Ω 2% 0.25W
3237	4822 051 10332	3k3 2% 0.25W
3238	4822 051 10333	33k 2% 0.25W
3239	4822 100 11319	4k7 30%lin 0.1W
3241	4822 051 10271	270Ω 2% 0.25W
3242	4822 050 11002	1k 1% 0.4W
3250	4822 051 10911	910Ω 2% 0.25W
3265	4822 051 10104	100k 2% 0.25W
3270▲	4822 051 10103	10k 2% 0.25W
3275▲	4822 051 10103	10k 2% 0.25W
3276	4822 051 10102	1k 2% 0.25W
3330	4822 051 20008	0Ω JUMP. (0805)
3335	4822 051 10271	270Ω 2% 0.25W
3336	4822 051 10432	4k3 2% 0.25W
3337	4822 051 10122	1k2 2% 0.25W
3338	4822 051 10332	3k3 2% 0.25W
3340	4822 051 10152	1k5 2% 0.25W
3341▲	4822 052 10229	22Ω 5% 0.33W
3345▲	4822 052 10229	22Ω 5% 0.33W
3353▲	4822 052 10568	5Ω6 5% 0.33W
3354	4822 051 10271	270Ω 2% 0.25W
3390	4822 051 10271	270Ω 2% 0.25W
3391	4822 051 10181	180Ω 2% 0.25W
3394	4822 051 10301	300Ω 2% 0.25W
3395	4822 051 10181	180Ω 2% 0.25W
3398	4822 051 10271	270Ω 2% 0.25W
3399	4822 051 10181	180Ω 2% 0.25W
3404	4822 051 10431	430Ω 2% 0.25W
3405	4822 051 10331	330Ω 2% 0.25W
3410	4822 051 10391	390Ω 2% 0.25W
3411	4822 051 10431	430Ω 2% 0.25W
3412	4822 051 10751	750Ω 2% 0.25W
3414	4822 051 10391	390Ω 2% 0.25W
3416	4822 051 10182	1k8 2% 0.25W
3434	4822 051 10473	47k 2% 0.25W
3436	4822 051 10473	47k 2% 0.25W
3437	4822 051 10101	100Ω 2% 0.25W
3438	4822 051 10513	51k 2% 0.25W
3440	4822 116 52222	390Ω 5% 0.5W
3441	4822 051 10519	51Ω 2% 0.25W
3442	4822 051 10919	91Ω 2% 0.25W
3444	4822 116 52175	100Ω 5% 0.5W
3446	4822 116 52175	100Ω 5% 0.5W
3448	4822 051 10392	3k9 2% 0.25W
3450	4822 051 10681	680Ω 2% 0.25W
3452	4822 051 10681	680Ω 2% 0.25W
3454	4822 051 10681	680Ω 2% 0.25W
3460	4822 116 52226	560Ω 5% 0.5W
3461	4822 116 52288	510k 5% 0.5W
3462	4822 051 10333	33k 2% 0.25W
3463	4822 116 52299	7k5 5% 0.5W
3464▲	4822 051 10472	4k7 2% 0.25W
3470▲	4822 052 10108	1Ω 5% 0.33W
3997	4822 051 10339	33Ω 2% 0.25W

Jumper

4xxx	4822 051 10008	0Ω 5% 0.25W

5118	4822 157 60435	10.3µH
5155	4822 157 60433	7.2µH
5157	4822 157 60434	9.4µH
5170	4822 157 60432	10.3µH
5175	4822 157 60432	10.3µH
5190	4822 157 60432	10.3µH
5400	4822 157 50943	12µH
5402	4822 157 50943	12µH
5403	4822 157 52333	100µH
5406	4822 157 50943	12µH
5408	4822 157 50943	12µH
5410	4822 157 50943	12µH

6300	4822 130 80906	LLZ-C7V5
6461	4822 130 80954	LLZ-C5V6

7103▲	5322 130 41982	BC848B
7105▲	5322 130 41982	BC848B
7125	4822 209 63927	TDA4554/V1
7200▲	5322 130 41982	BC848B
7210▲	5322 130 41982	BC848B
7233	5322 130 41983	BC858B
7234	5322 130 42136	BC848C
7335▲	5322 130 41982	BC848B
7337▲	5322 130 41982	BC848B
7338▲	5322 130 41982	BC848B
7350	4822 130 42616	BC818-40
7380	4822 209 60479	TEA5114A
7400	5322 130 41983	BC858B
7402	5322 130 41983	BC858B
7404	5322 130 41983	BC858B
7406	4822 209 62473	SDA9087
7408	4822 209 62474	SDA9088
7410	4822 209 63644	SDA9086-3
7755	4822 209 72363	TDA2579A/N8

1006 Second Scart [K]

Connectors

4822 256 91879	BRACKET
4822 265 41345	11P WHITE
4822 265 41346	7P RED
4822 265 41347	6P BLACK
4822 267 40624	5-SOCKET
4822 267 50621	7P MALE WHITE
4822 267 50721	9-SOCKET
4822 267 51276	9P WHITE
4822 267 51277	7P RED
4822 267 60366	21P EURO CONNECTOR

Various

1006	4822 212 30987	SCART/PIP MODULE
1006	4822 212 30998	SEC.SCART MODULE
1816▲	4822 071 51601	FUSE(160MA)

2800	4822 124 41577	4.7µF 20% 50V
2801	4822 124 41577	4.7µF 20% 50V
2802	4822 124 41643	100µF 20% 16V
2803	4822 124 40435	10µF 20% 50V
2804	4822 124 40198	470µF 20% 16V
2805	4822 124 40198	470µF 20% 16V
2808	4822 121 51252	470nF 5% 63V
2809	4822 121 51252	470nF 5% 63V
2810	4822 124 41577	4.7µF 20% 50V
2811▲	4822 124 40433	47µF 20% 25V
2812	4822 122 32542	47nF 10% 63V
2813	4822 121 42408	220nF 5% 63V
2814	4822 121 51252	470nF 5% 63V
2815	4822 122 31965	220pF 2% 63V
2816	4822 121 51252	470nF 5% 63V
2817	5322 122 32056	220pF 2% 100V
2818	4822 121 41857	10nF 5% 250V
2819	4822 121 41857	10nF 5% 250V
2820	4822 122 31772	47pF 2% 63V
2821	4822 122 31772	47pF 2% 63V
2822	4822 122 32183	56nF 10% 50V
2823	4822 122 31772	47pF 2% 63V
2824	5322 121 42386	100nF 5% 63V
2825	4822 122 33496	100nF 10% 63V
2826	4822 122 33496	100nF 10% 63V
2828	4822 122 31961	68pF 2% 63V
2829	4822 124 40272	33µF 20% 16V
2830	4822 124 40272	33µF 20% 16V
2831	4822 121 41856	22nF 5% 250V
2832	5322 124 41431	22µF 20% 35V
2833	4822 121 42408	220nF 5% 63V
2834	4822 121 42408	220nF 5% 63V
2837	5322 121 42386	100nF 5% 63V
2838	4822 124 41577	4.7µF 20% 50V
2839	4822 124 41509	33µF 20% 35V

1006 Second Scart [K]

2840	4822 124 41509	33µF 20% 35V
2841	4822 124 40435	10µF 20% 50V
2842	4822 121 51252	470nF 5% 63V
2843	4822 122 31211	100pF 10% 500V
2844	4822 122 31211	100pF 10% 500V

3800	4822 051 10334	330k 2% 0.25W
3801	4822 051 10334	330k 2% 0.25W
3802	4822 051 10221	220Ω 2% 0.25W
3803	4822 051 10102	1k 2% 0.25W
3804	4822 116 52175	100Ω 5% 0.5W
3805	4822 051 10334	330k 2% 0.25W
3806	4822 051 10334	330k 2% 0.25W
3807	4822 051 10432	4k3 2% 0.25W
3808▲	4822 116 52283	4k7 5% 0.5W
3809	4822 051 10182	1k8 2% 0.25W
3810	4822 051 10392	3k9 2% 0.25W
3811	4822 051 10821	820Ω 2% 0.25W
3812	4822 051 10562	5k6 2% 0.25W
3813	4822 051 10562	5k6 2% 0.25W
3814	4822 116 52296	6k8 5% 0.5W
3815▲	4822 051 10103	10k 2% 0.25W
3816▲	4822 051 10103	10k 2% 0.25W
3817	4822 051 10562	5k6 2% 0.25W
3818	4822 051 10122	1k2 2% 0.25W
3819	4822 051 10122	1k2 2% 0.25W
3820	4822 051 10562	5k6 2% 0.25W
3821	4822 050 11002	1k 1% 0.4W
3822	4822 050 11002	1k 1% 0.4W
3823	4822 051 10221	220Ω 2% 0.25W
3824	4822 051 10331	330Ω 2% 0.25W
3825	4822 050 23909	39Ω 1% 0.6W
3826	4822 050 23909	39Ω 1% 0.6W
3827	4822 116 52175	100Ω 5% 0.5W
3828	4822 116 52211	150Ω 5% 0.5W
3829	4822 116 52211	150Ω 5% 0.5W
3830	4822 051 10563	56k 2% 0.25W
3831	4822 051 10563	56k 2% 0.25W
3832	4822 051 10102	1k 2% 0.25W
3833	4822 051 10102	1k 2% 0.25W
3834	4822 116 52175	100Ω 5% 0.5W
3835	4822 116 52175	100Ω 5% 0.5W
3836	4822 051 10471	470Ω 2% 0.25W
3837	4822 051 10272	2k7 2% 0.25W
3838	4822 051 10152	1k5 2% 0.25W
3839	4822 051 10331	330Ω 2% 0.25W
3840	4822 051 10102	1k 2% 0.25W
3841	4822 051 10104	100k 2% 0.25W
3842	4822 051 10101	100Ω 2% 0.25W
3843	4822 051 10152	1k5 2% 0.25W
3844	4822 051 10562	5k6 2% 0.25W
3845	4822 051 10271	270Ω 2% 0.25W
3846	4822 051 10562	5k6 2% 0.25W
3847	4822 051 10102	1k 2% 0.25W
3847	4822 051 10104	100k 2% 0.25W
3848	4822 051 10471	470Ω 2% 0.25W
3849	4822 050 11201	120Ω 1% 0.4W
3850	4822 050 11201	120Ω 1% 0.4W
3851	4822 116 80747	75Ω 5% 0.125W
3852	4822 116 80747	75Ω 5% 0.125W
3853	4822 051 51201	120Ω 1% 0.125W
3854	4822 050 11002	1k 1% 0.4W
3855	4822 051 10104	100k 2% 0.25W
3856	4822 051 10104	100k 2% 0.25W
3857	4822 051 10223	22k 2% 0.25W
3859▲	4822 051 10103	10k 2% 0.25W
3860	4822 116 52234	100k 5% 0.5W
3861	4822 052 10629	62Ω 5% 0.33W
3862▲	4822 051 10103	10k 2% 0.25W
3863	4822 051 10122	1k2 2% 0.25W
3864	4822 116 52175	100Ω 5% 0.5W
3865▲	4822 050 21501	150Ω 1% 0.6W
3866	4822 051 10102	1k 2% 0.25W
3867▲	4822 052 10278	2Ω7 5% 0.33W
3868	4822 116 52226	560Ω 5% 0.5W
3869▲	4822 053 10221	220Ω 5% 1W
3870	4822 116 52189	30Ω 5% 0.5W
3871▲	4822 051 10103	10k 2% 0.25W
3872	4822 051 10333	33k 2% 0.25W
3873	4822 051 10332	3k3 2% 0.25W
3874	4822 051 10332	3k3 2% 0.25W
3875	4822 051 20183	18k 5% 0.1W
3876	4822 051 20183	18k 5% 0.1W
3877	4822 116 80175	4k7 5% 0.5W
3878	4822 116 80747	75Ω 5% 0.125W
3879	4822 051 10102	1k 2% 0.25W
3880	4822 116 81039	1Ω8 5% 0.5W
3881	4822 051 10333	33k 2% 0.25W
3882	4822 051 10279	27Ω 2% 0.25W

Jumper

4xxx	4822 051 10008	0Ω 5% 0.25W

5800	4822 153 20251	18µH 10%
5801	4822 153 20251	18µH 10%

6800	4822 130 80954	LLZ-C5V6
6801	4822 130 80446	LL4148
6802	4822 130 80446	LL4148
6803	4822 130 80446	LL4148
6804	4822 130 80446	LL4148
6805	4822 130 34278	BZX79-C6V8
6806	4822 130 80446	LL4148

7800	4822 130 61207	BC848
7801	4822 130 61207	BC848
7802	4822 130 61207	BC848
7803	4822 130 61207	BC848
7804	4822 130 61207	BC848
7805	4822 130 61207	BC848
7806	5322 130 44921	BD943
7807	5322 209 10576	4053B
7808	4822 130 61207	BC848
7809	4822 130 61207	BC848
7810	4822 130 61207	BC848
7811	5322 130 42012	BC858
7812	5322 130 42136	BC848C
7813	4822 130 61207	BC848
7814	4822 130 61207	BC848
7815	4822 130 61207	BC848
7816	4822 130 61207	BC848
7820	4822 209 31145	TEA6415B

1100 SCAVEM filter [L]

Various

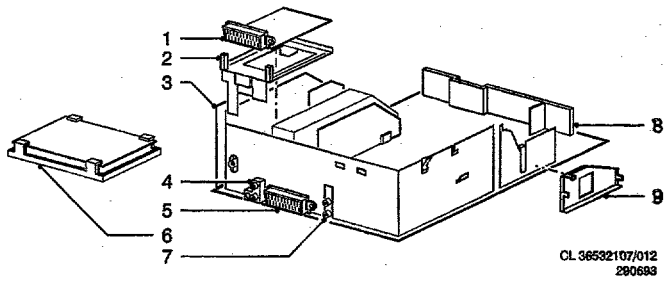
	4822 265 30275	5P grey
	4822 267 40794	3P FEMALE
	4822 403 70584	FOR PTP
	4822 404 31319	bracket
1100	4822 212 30021	SCAVEM FILTER module

1102 SCAVEM amplifier [M]

Various

	4822 290 40291	3P FEMALE RED
	4822 290 40284	3P FEMALE GREEN
	4822 265 30499	3P FEMALE BLACK
	4822 404 31321	BRACKET
1102	4822 212 30019	SCAVEM MODULE

Mechanical parts



1	4822 267 60366	ZIP Euroconnector
2	4822 404 31322	2nd Scart holder
3	4822 256 91984	PIP holder
4	4822 255 70279	SVHS connector
5	4822 267 60367	ZIP Euroconnector
6	4822 403 70926	Sep. mains holder
7	4822 267 30631	2-Fold cinch
8	Not used	
9	4822 404 31317	Mainsfilter bracket