

Service
Service
Service

GR2.4
AA
SUPPLEMENT

Service Manual

Supplement to Chassis Manual
GR2.4 AA 4822 727 20662

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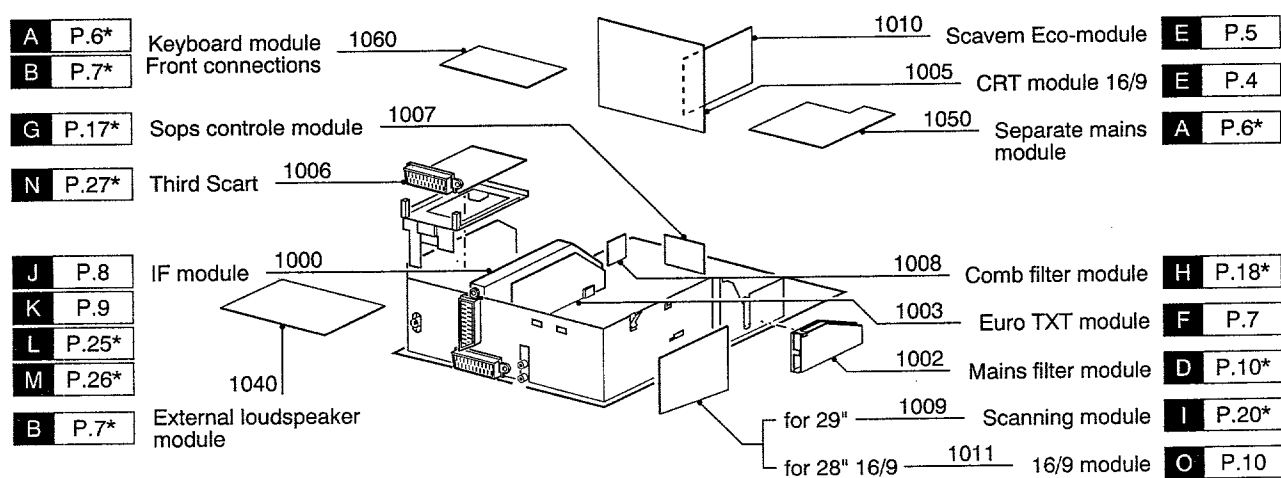
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1. Supplementary technical specifications

Picture tube:
Sound:

16/9 with "scavem"
NICAM BGL

2. PWB location diagram



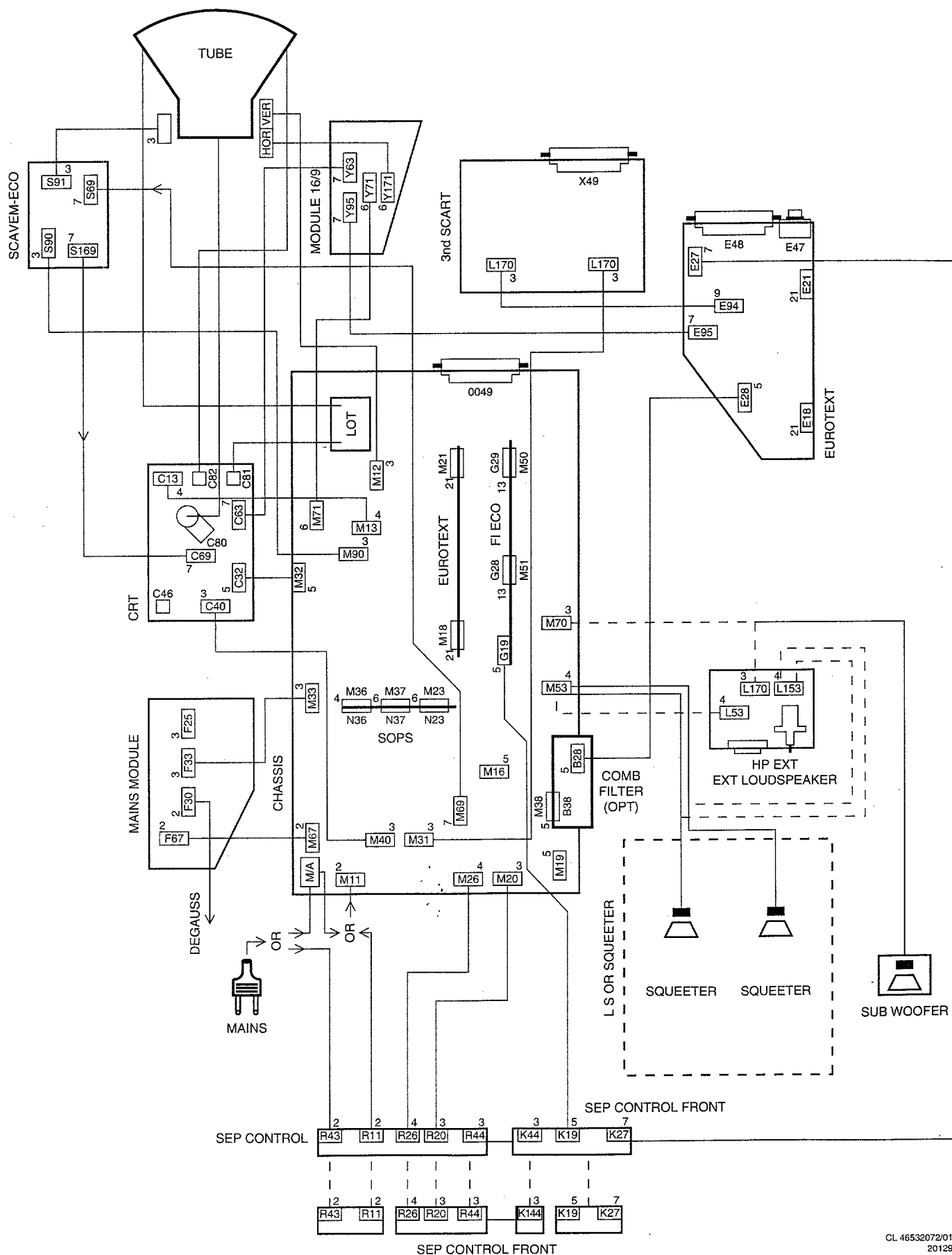
* See Chassis Manual GR2.4 AA

CL 46532072/012
151294

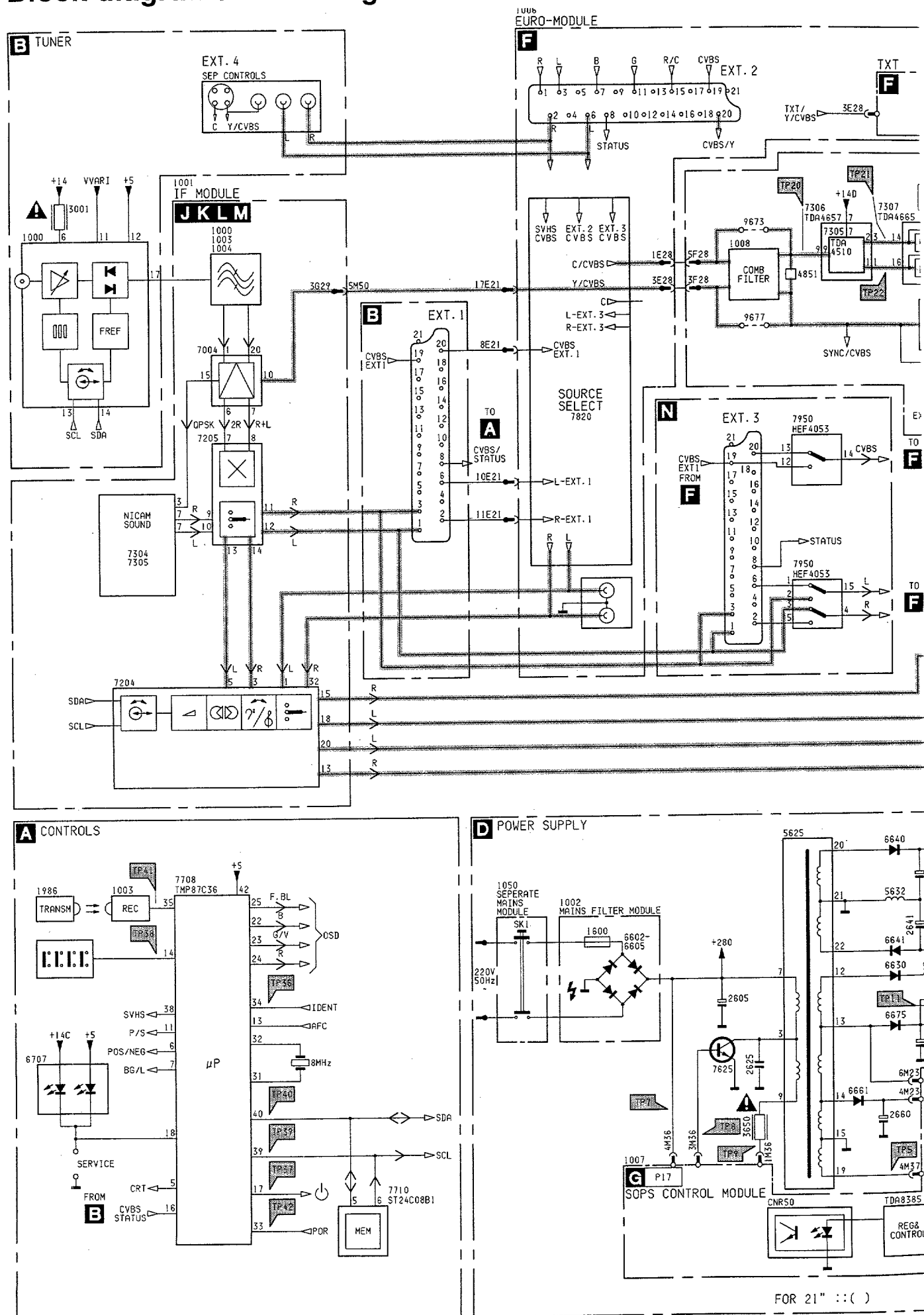
5. Wiring diagram / Verdrahtungszeichnung / Schéma de câblage

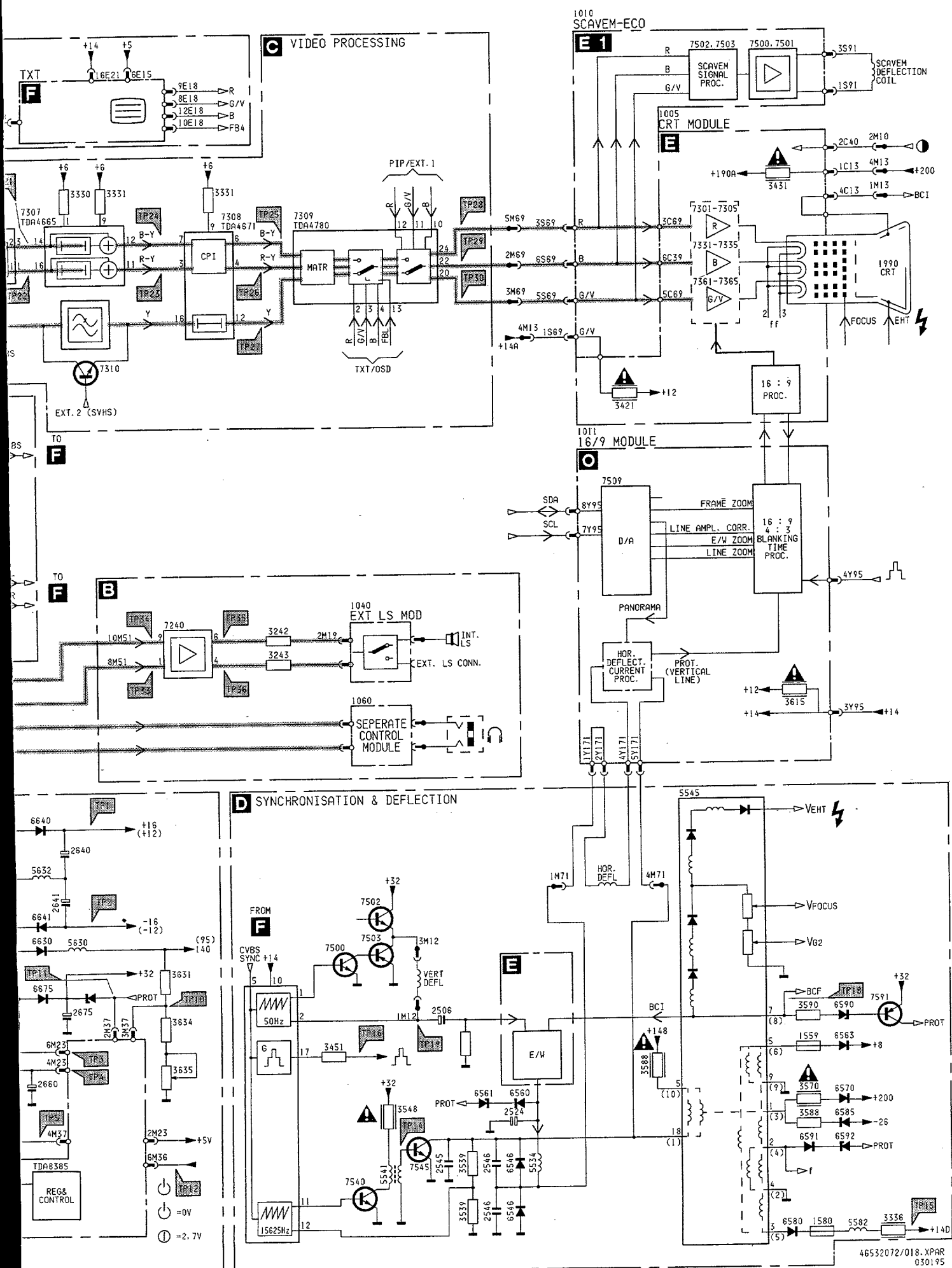
CHASSIS GR2.4 SUP

3



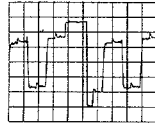
Block diagram / Blockdiagramm / Schéma bloc





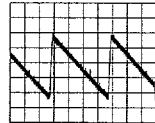
6. Picture tube module 16/9 / Bilc

TP51



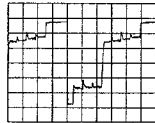
20V/div AC
10μs/div

TP56



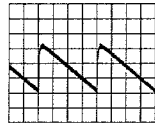
500mV/div AC
5ms/div

TP52



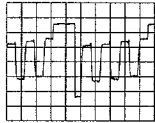
20V/div AC
10μs/div

TP57



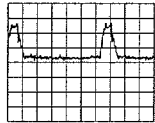
500mV/div AC
5ms/div

TP53



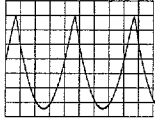
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10μs/div

TP58



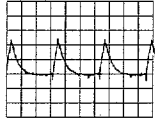
100mV/div AC
10μs/div

TP54



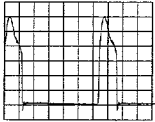
2V/div AC
5ms/div

TP59

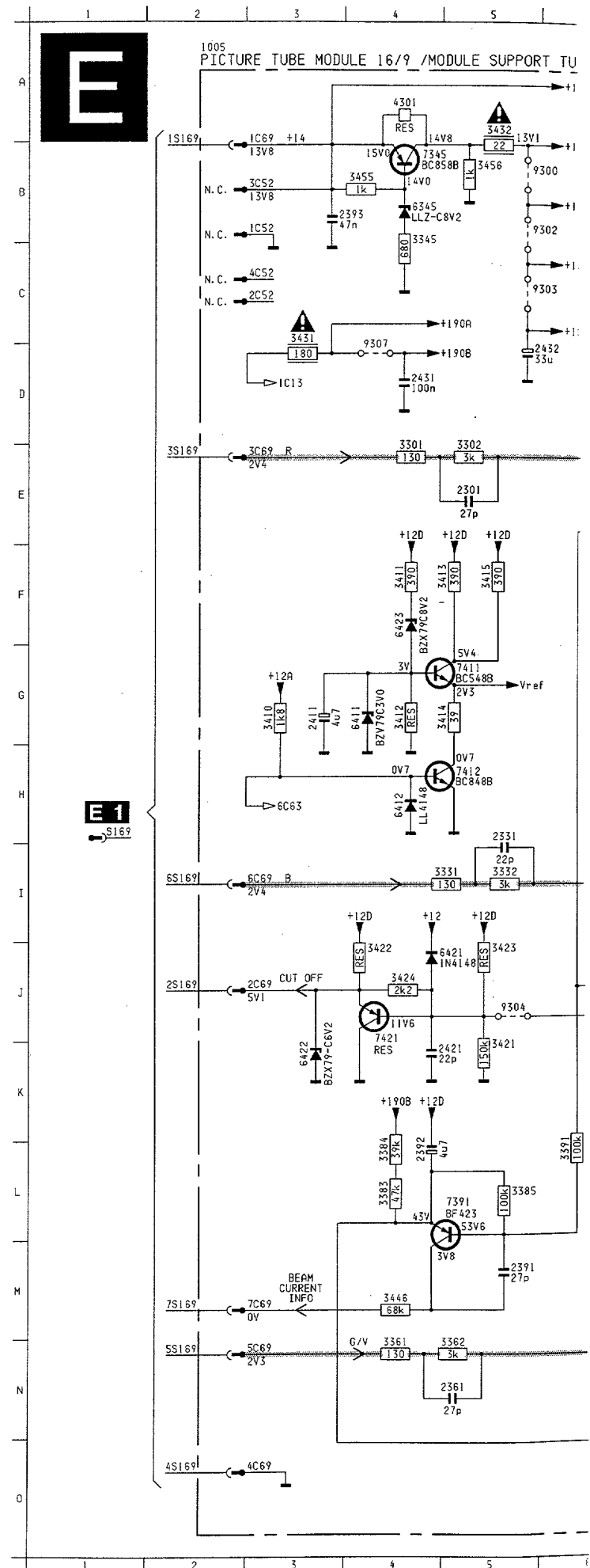


100mV/div AC
20μs/div

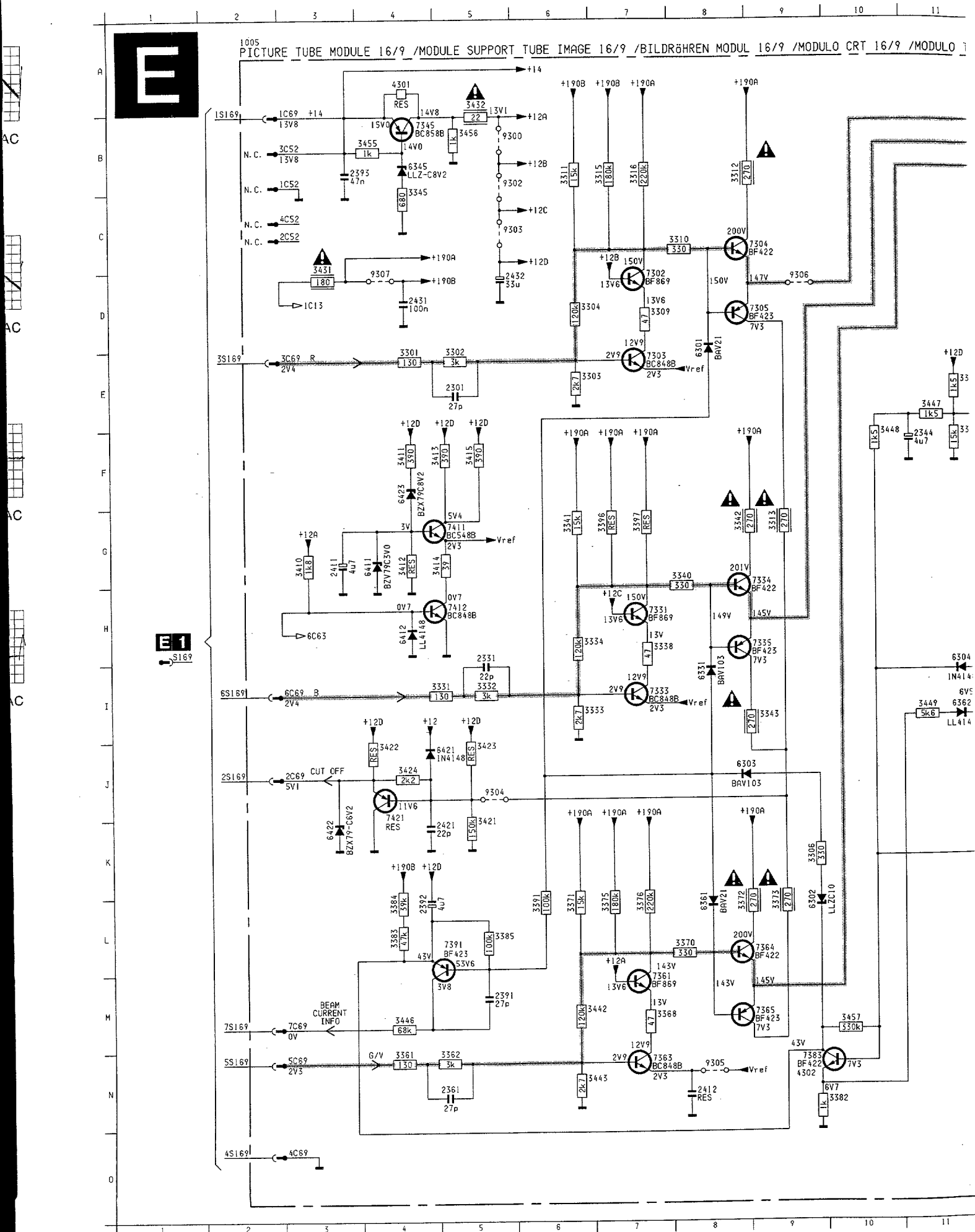
TP55



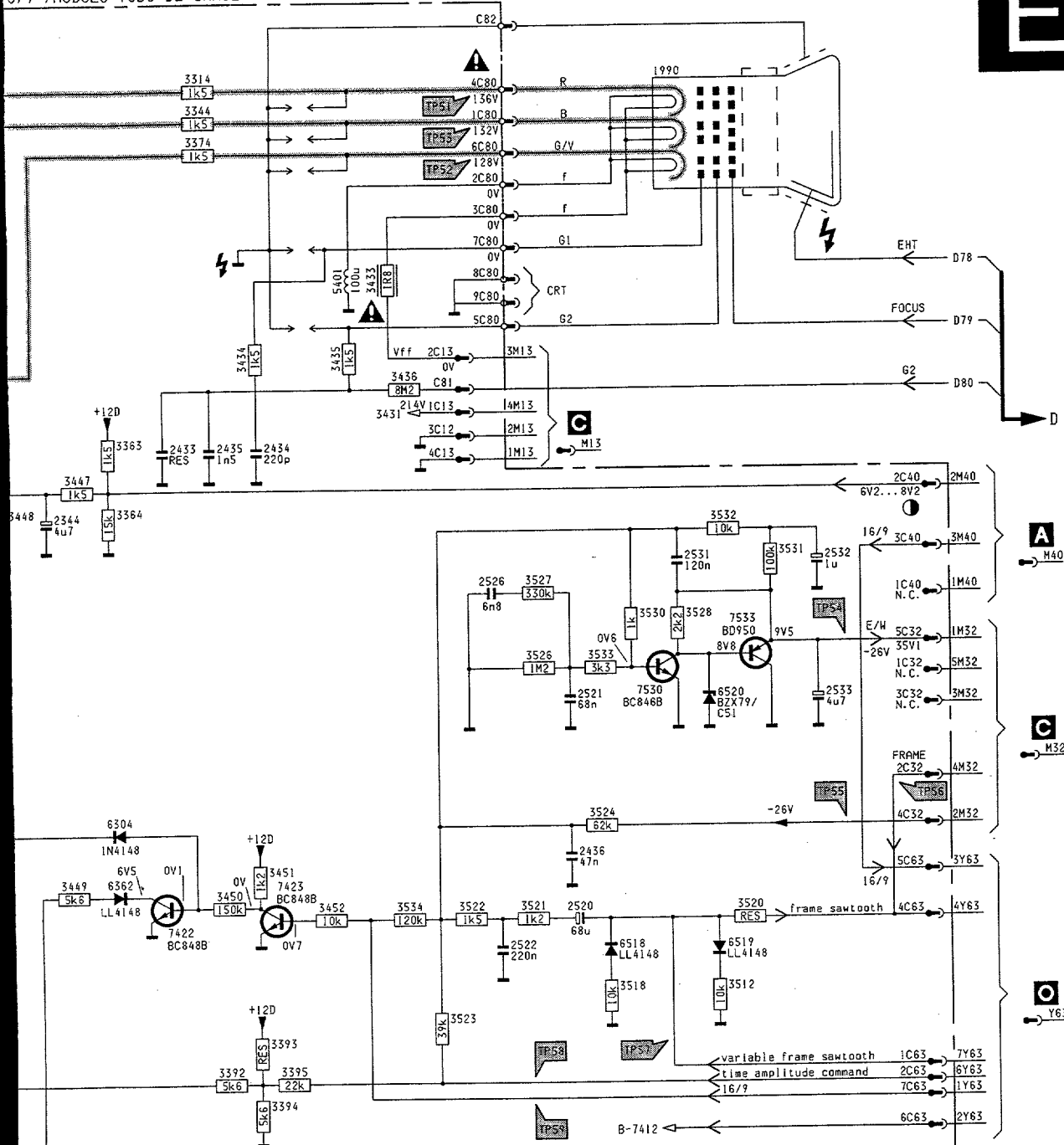
5V/div AC
10μs/div



6. Picture tube module 16/9 / Bildröhre Modul 16/9 /



6/9 /MODULO TUBO DE IMAGEN 16/9



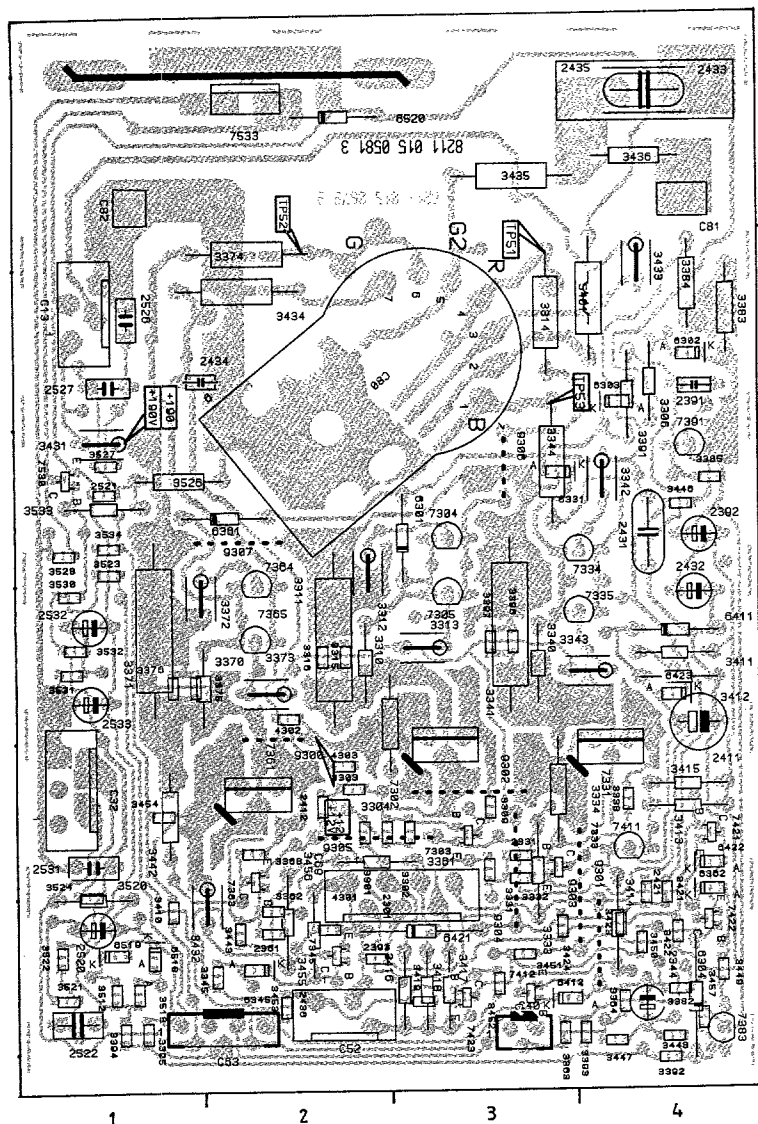
REMARK:
DC VOLTAGES MEASURED IN POSITION 16/9

CHASSIS GR2.4

CL46532070/012, EREF
050195

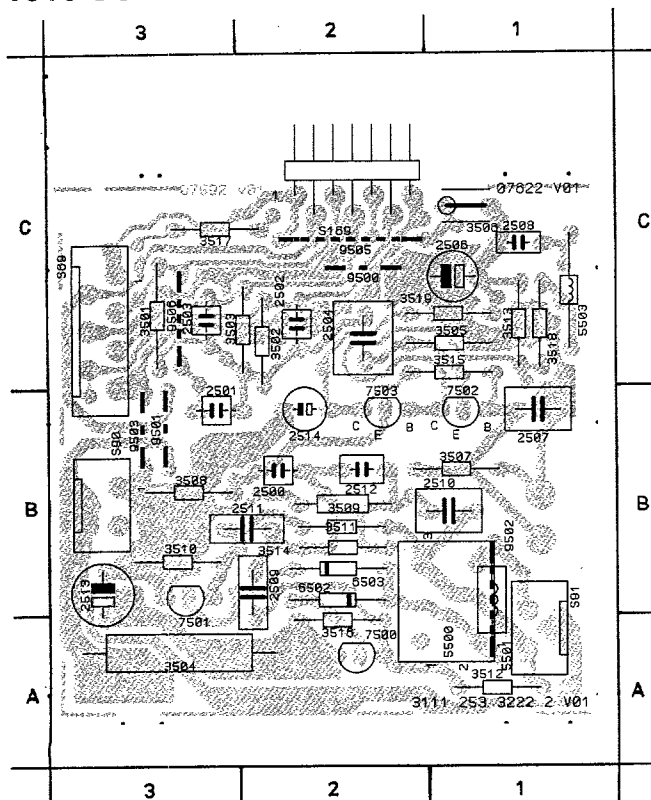
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1990	B16	4302	N 9
2301	E 5	5401	C13
2331	H 5	6301	D 8
2344	F11	6302	L 9
2361	N 5	6303	J 8
2391	M 5	6304	I11
2392	L 4	6331	I 8
2393	B 3	6345	B 4
2411	G 3	6361	L 8
2412	N 8	6362	I11
2421	K 4	6411	G 4
2431	D 4	6412	H 4
2432	D 5	6421	J 4
2433	E12	6422	K 3
2434	E13	6423	F 4
2435	I12	6518	J16
2436	I16	6519	J17
2520	I16	6520	G17
2521	G16	7302	D 7
2522	J15	7303	E 7
2526	F15	7304	C 9
2531	F17	7305	D 9
2532	F18	7331	H 7
2533	G18	7333	I 7
3301	E 4	7334	H 9
3302	E 5	7335	H 9
3303	E 6	7345	B 4
3304	K 6	7361	M 7
3306	K 9	7363	N 7
3309	D 7	7384	L 9
3310	C 8	7365	M 9
3311	B 6	7383	N 9
3312	B 8	7391	L 5
3313	G 9	7411	G 5
3314	B12	7412	H 5
3315	B 7	7421	J 4
3316	B 7	7422	I12
3331	I 5	7423	I13
3332	I 5	7530	G16
3333	I 6	7533	G17
3334	H 6	9300	B 5
3338	H 7	9302	B 5
3340	G 8	9303	C 5
3341	G 6	9304	J 5
3342	G 8	9305	N 8
3343	I 9	9306	D 8
3344	B12	9307	D 4
3345	B 4	9374	L16
3361	N 4		
3362	N 5		
3363	E11		
3364	F11		
3368	M 7		
3370	L 8		
3371	L 6		
3372	L 8		
3373	L 9		
3374	B12		
3375	L 7		
3376	L 7		
3382	N 9		
3383	L 4		
3384	L 4		
3385	L 5		
3391	L 6		
3392	K12		
3393	K13		
3394	K13		
3395	K13		
3396	G 7		
3397	G 7		
3410	G 3		
3411	F 4		
3412	G 4		
3413	F 5		
3414	G 5		
3415	F 5		
3421	J 5		
3422	J 4		
3423	J 5		
3424	J 4		
3431	D 3		
3432	E14		
3433	A 5		
3434	C14		
3435	D13		
3436	D14		
3442	M 6		
3443	N 6		
3446	M 4		
3447	E11		
3448	F10		
3449	I11		
3450	I12		
3451	I13		
3452	I13		
3455	B 4		
3456	B 5		
3457	M10		
3512	J17		
3518	J16		
3520	I17		
3521	I15		
3522	I15		
3523	J14		
3524	H16		
3526	G15		
3527	F15		
3528	G17		
3530	G16		
3531	F18		
3532	F17		
3533	G16		
3534	I14		

1005 PICTURE TUBE MODULE 16/9



C13	B1	3344	C3	3453	E2	7422	E4
C32	D1	3345	E2	3454	D1	7423	E3
C40	E3	3361	D2	3455	E2	7530	C1
C52	E2	3362	E2	3456	E2	7533	A2
C63	E2	3363	E3	3512	E1	9300	D2
C69	E3	3364	E4	3518	E1	9301	E4
C80	B2	3368	D2	3520	E1	9302	D3
C81	A4	3370	D2	3521	E1	9303	E4
C82	A1	3371	C1	3523	C1	9304	D3
2301	D2	3372	C2	3524	E1	9305	D2
2331	D3	3373	D2	3526	C1	9306	C3
2344	E4	3374	B2	3527	C1	9307	C2
2361	E2	3375	D1	3528	C1		
2391	B4	3376	D1	3530	C1		
2392	C4	3382	E4	3531	D1		
2393	E2	3383	B4	3532	C1		
2411	D4	3384	B4	3533	C1		
2412	D2	3385	C4	3534	C1		
2421	E4	3391	B4	4301	E2		
2431	C4	3392	E4	4302	E4		
2432	C4	3393	E4	5401	B4		
2433	A4	3394	E1	6301	C3		
2434	B2	3395	E1	6302	B4		
2435	A4	3396	C3	6303	B4		
2520	E1	3397	C3	6303	C3		
2521	C1	3410	E1	6345	E2		
2522	E1	3411	C4	6361	C2		
2526	B1	3412	D4	6362	E4		
2527	B1	3413	D4	6411	C4		
2531	D1	3414	E4	6412	E3		
2532	C1	3415	D4	6421	E3		
2533	D1	3416	E3	6422	D4		
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3302	D3	3418	E3	6518	E1		
3303	D2	3419	E3	6519	E1		
3304	D3	3421	E4	6520	A2		
3306	B4	3422	E4	7302	D3		
3309	D3	3423	E4	7303	D3		
3310	C2	3424	E3	7304	C3		
3311	C2	3431	B1	7305	C3		
3312	C2	3432	E2	7331	D4		
3313	C3	3433	B4	7333	D3		
3314	B3	3434	B2	7334	C4		
3315	C2	3435	A3	7335	C4		
3316	C2	3436	A4	7345	E2		
3331	D3	3442	D1	7361	D2		
3332	E3	3443	E2	7363	E2		
3333	D3	3446	C4	7364	C2		
3334	D3	3447	E4	7365	C2		
3338	D4	3448	E4	7383	E4		
3340	D3	3449	E4	7391	B4		
3341	C3	3450	E4	7411	D4		
3342	C4	3451	E3	7412	E3		
3343	D4	3452	E3	7421	D4		

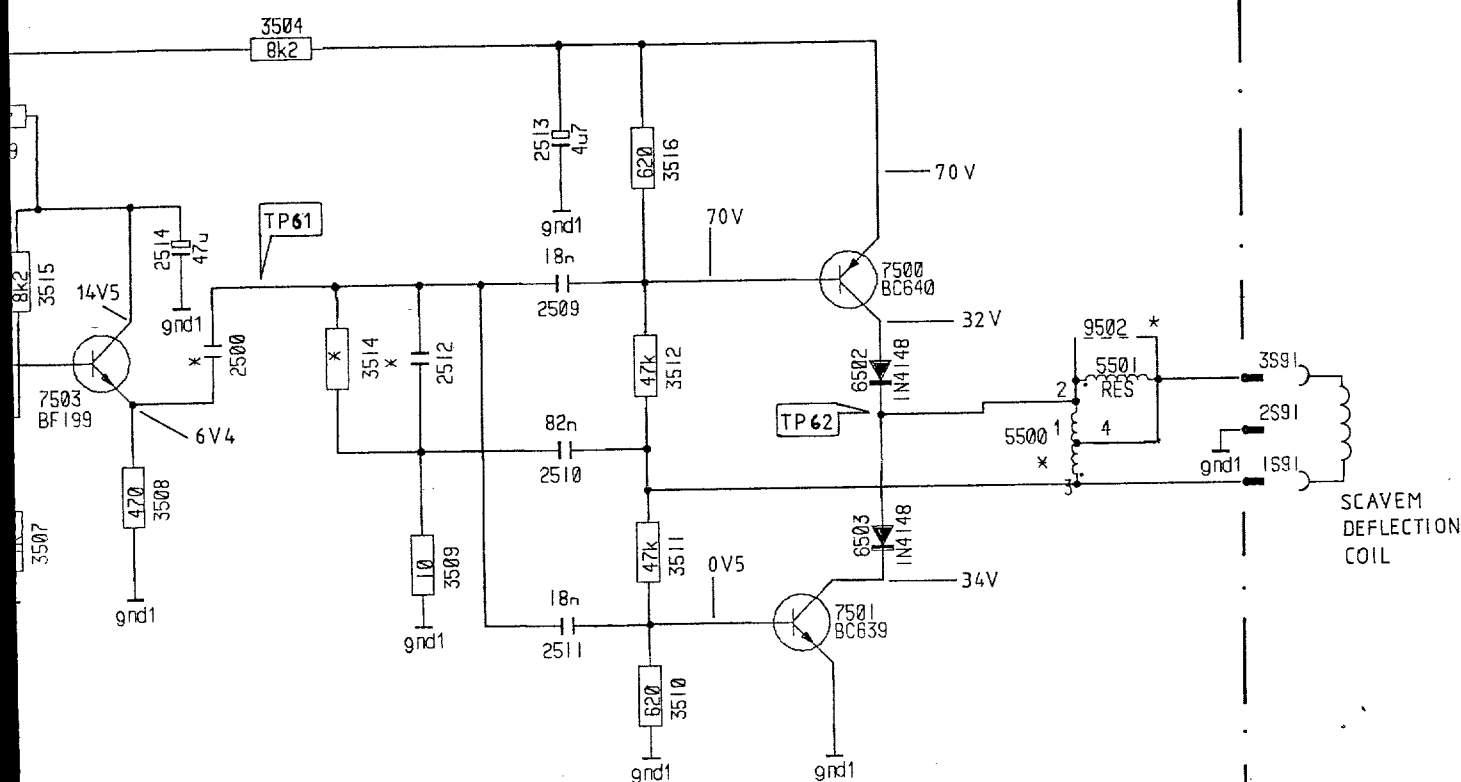
1010 SCAVEM-ECO MODULE



2501	B2	7501	A2
2502	C2	7502	B1
2503	C2	7503	B1
2504	C2	9500	C2
2506	C1	9501	B2
2507	B1	9502	A1
2508	C1	9503	B3
2509	A2	9505	C2
2510	B1	9506	C2
2511	B2	S169	C2
2512	B2	S89	C3
2513	A3	S90	B3
2514	B2	S91	A1
3501	C2		
3502	C2		
3503	C2		
3504	A2		
3505	C1		
3506	C1		
3507	B1		
3508	B2		
3509	B2		
3510	B2		
3511	B2		
3512	A1		
3513	C1		
3514	B2		
3515	C1		
3516	A2		
3517	C2		
3518	C1		
3519	C1		
5500	A1		
5501	A1		
5503	C1		
6502	A2		
6503	A2		
7500	A2		

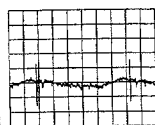
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D 6	A014	D 3	A020	C10	A026	E10	A032	D 3	S169	H 4	S69	F 2	S90	B 2
U 3	A015	B 4	A021	D10	A027	B 6	A033	B 3	S169	H 4	S69	F 2	S90	A 2
F 4	A016	B 9	A022	C10	A028	C 6	A034	D11	S169	H 5	S69	F 2	S91	D13
F 5	A017	F 4	A023	D10	A029	E 7	S169	H 3	S169	H 5	S69	F 2	S91	D13
	A018	D 5	A024	D12	A030	E 8	S169	H 3	S69	G 2	S69	F 2	S91	C13

E1

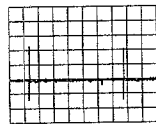


PROCESS FOR DREUX

TP61

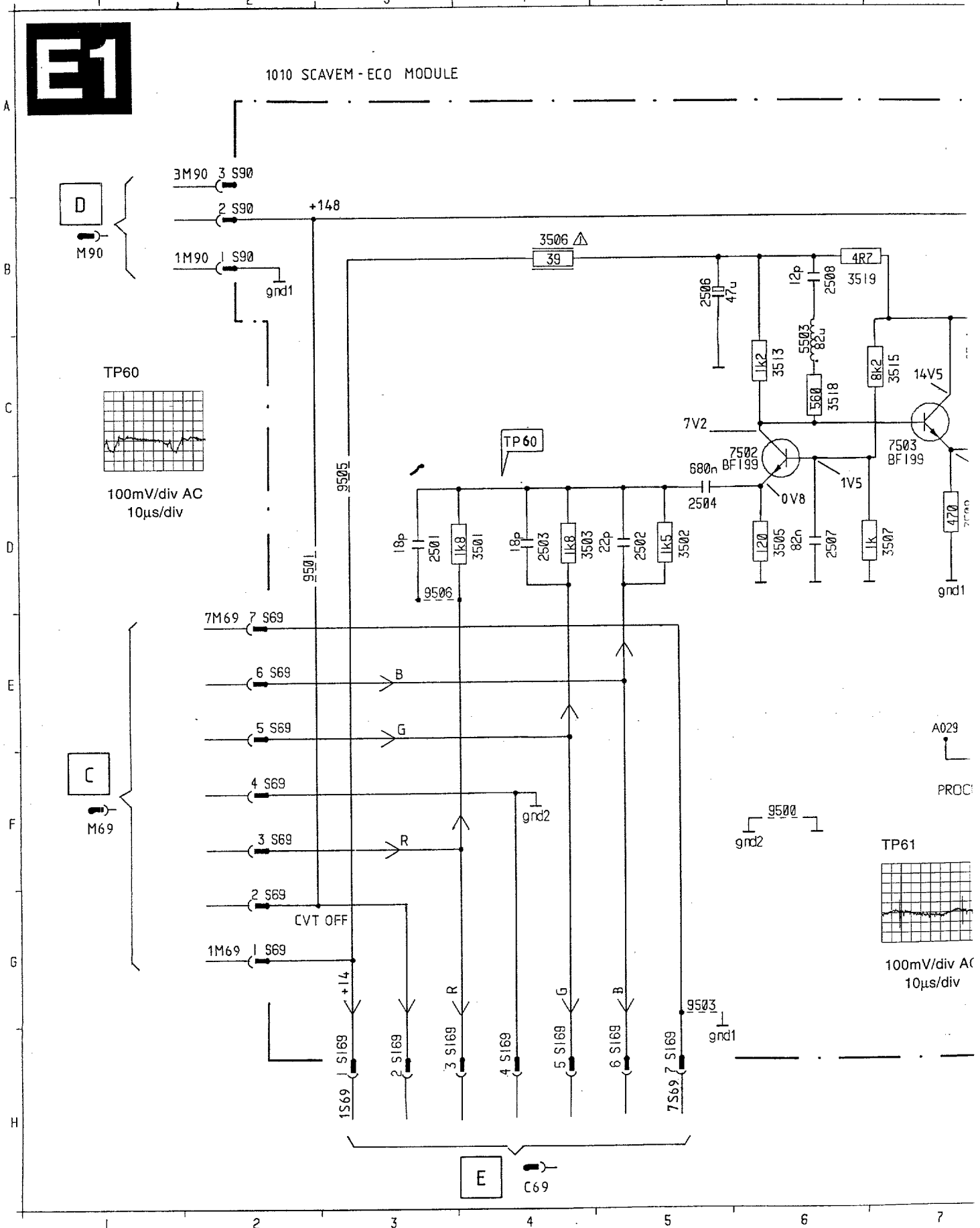
100mV/div AC
10µs/div

TP62

10V/div AC
10µs/div

*	16/9	29*	MID
2500	470p	820p	-
2512	47p	82p	-
3514	330	220	-
3517	1k	8k2	-
5500	yes	no	-
9502	no	yes	-
9501	no	no	yes
9505	no	no	yes
S90	yes	yes	no

2500	C 8	2507	D 6	2513	B 9	3505	D 6	3511	D 10	3517	F 7	6502	C 11	9500	F 6	A001	D 9	A007	B 6	A013
2501	D 3	2508	B 6	2514	C 7	3506	B 5	3512	C 10	3518	C 6	6503	D 11	9501	D 2	A002	D 8	A008	D 6	A014
2502	D 5	2509	C 9	3501	D 4	3507	D 7	3513	C 6	3519	B 7	7500	C 11	9502	C 12	A003	D 8	A009	E 5	A015
2503	D 4	2510	C 9	3502	D 5	3508	D 7	3514	D 8	5500	D 11	7501	D 11	9503	G 5	A004	C 7	A010	G 3	A016
2504	D 5	2511	E 9	3503	D 4	3509	D 9	3515	C 7	5501	C 12	7502	C 6	9505	D 3	A005	C 7	A011	F 4	A017
2506	C 5	2512	C 9	3504	B 5	3510	E 10	3516	B 10	5503	C 6	7503	C 7	9506	D 3	A006	C 6	A012	E 5	A018

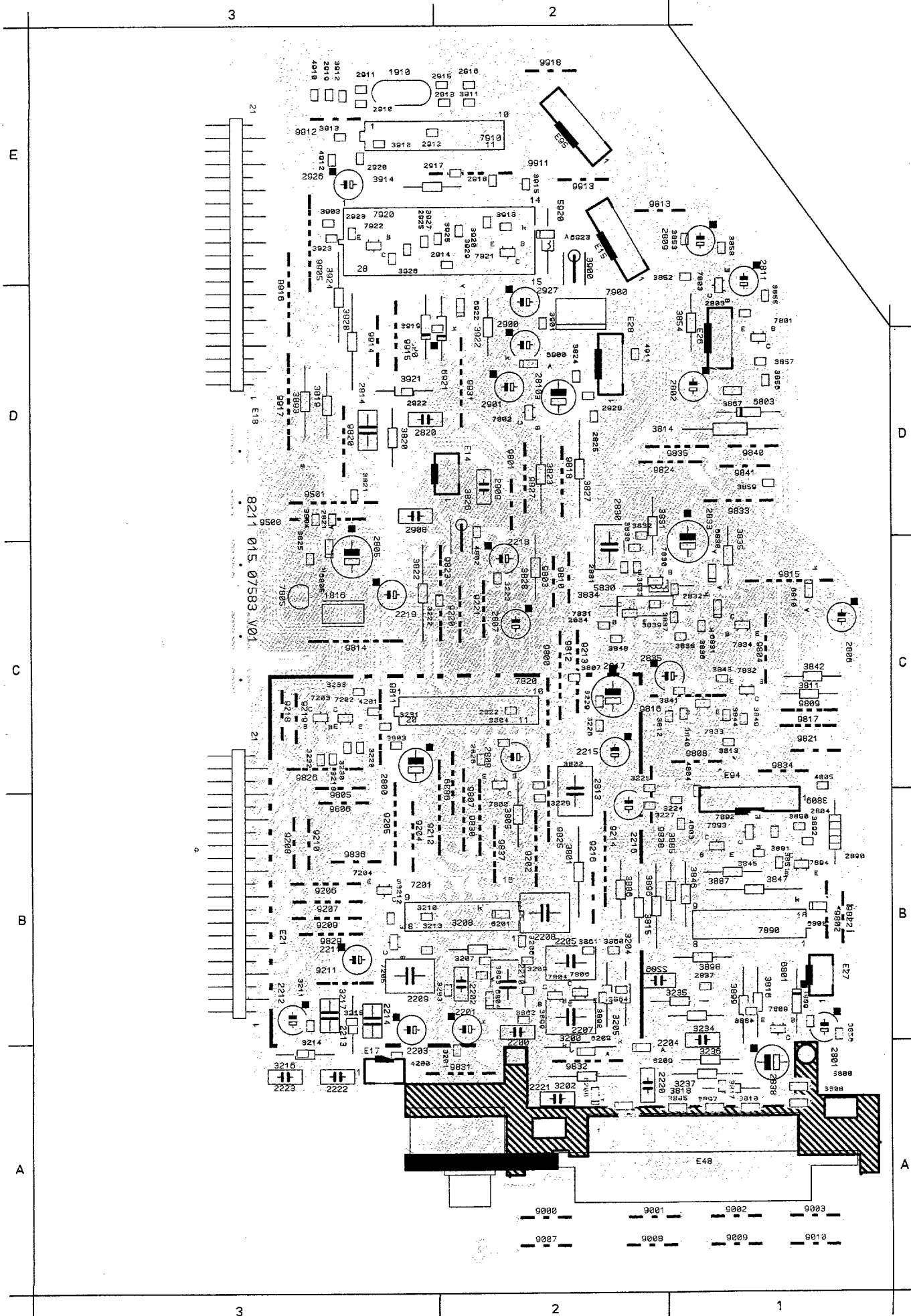


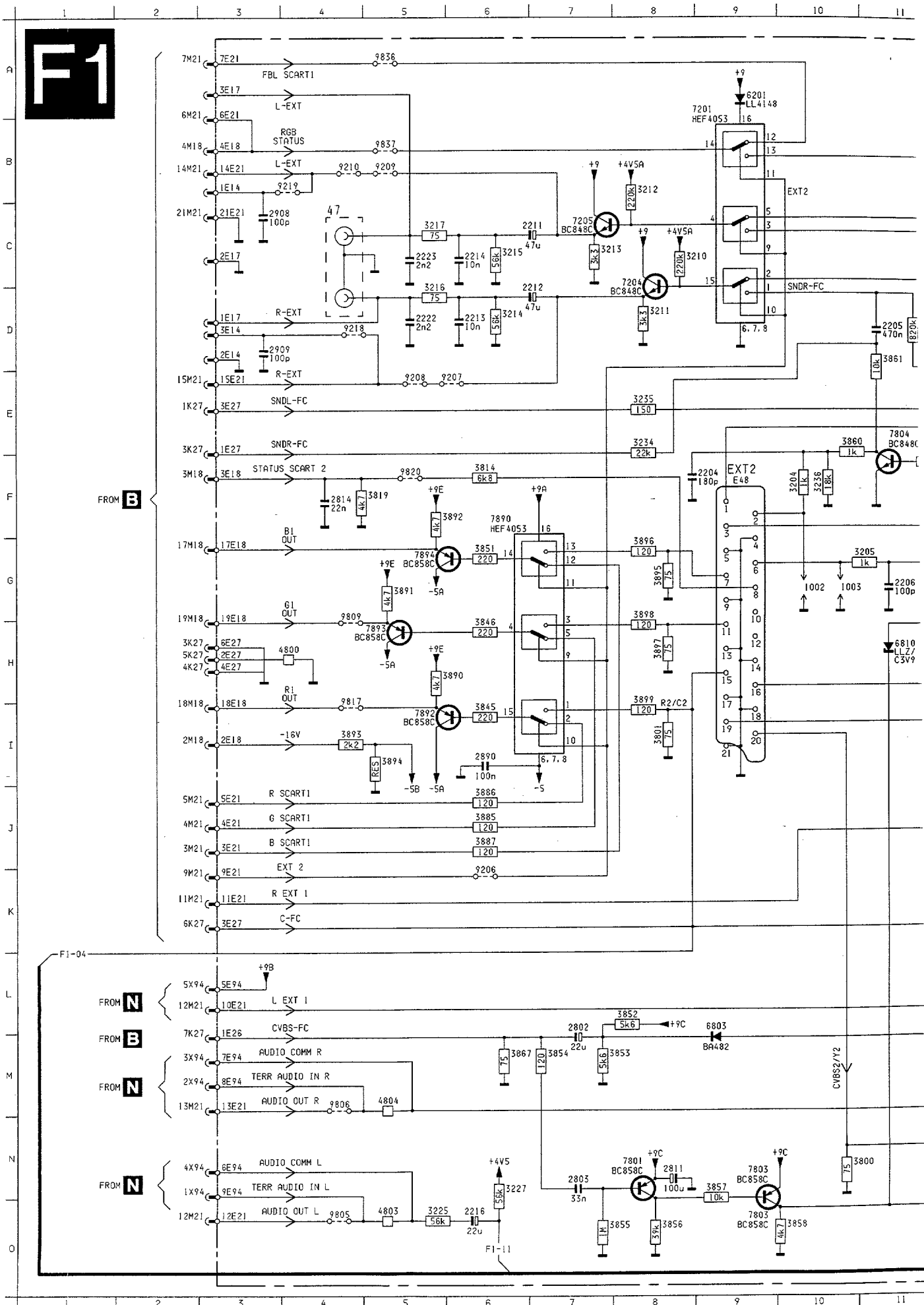
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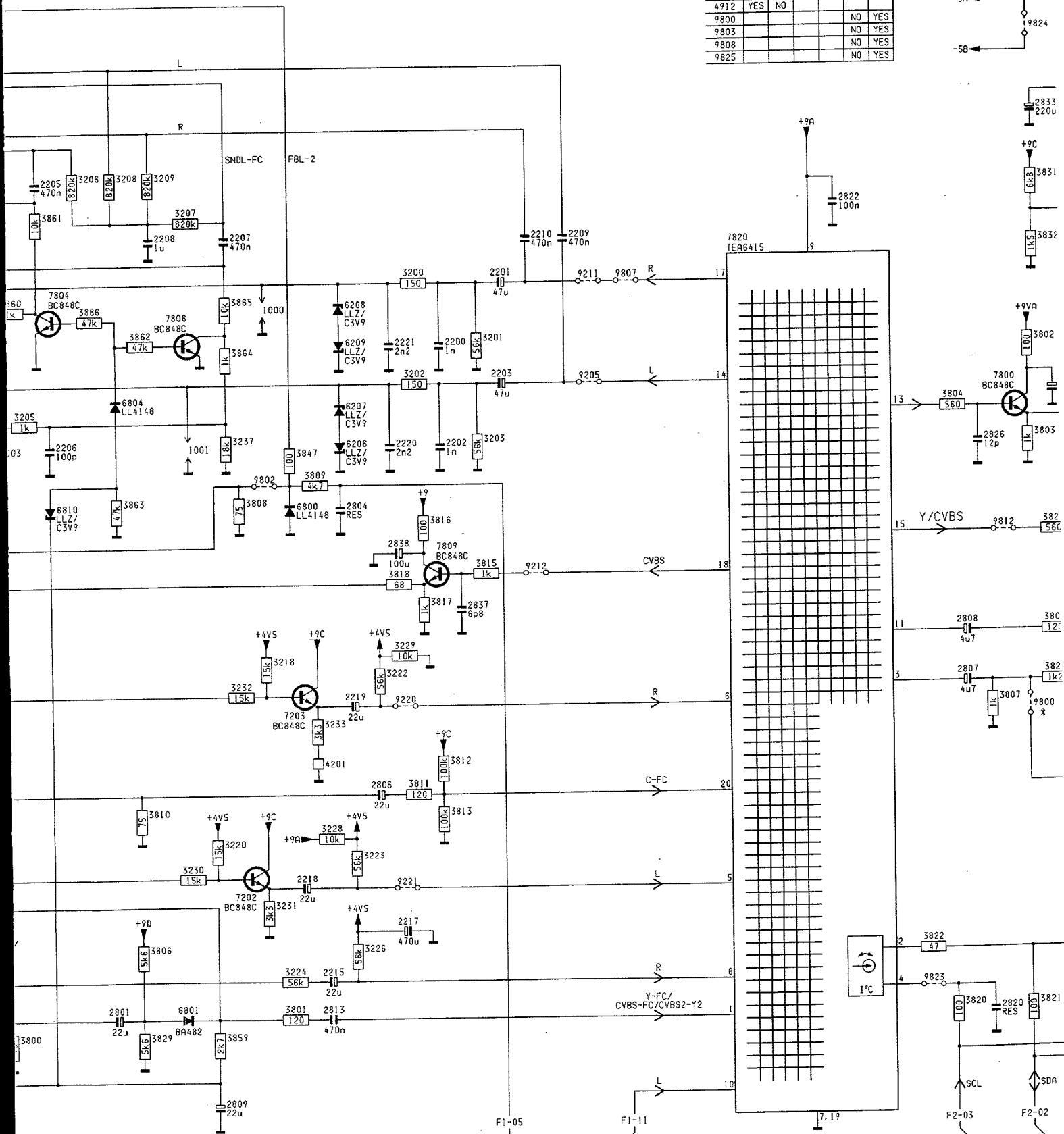
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E17	A2	3206	B2	3866	B2	9204	B2
E18	E3	3207	B2	3867	D1	9205	C2
E21	B3	3208	B2	3885	B1	9206	B3
E26	E1	3209	B2	3886	B2	9207	B3
E27	B1	3210	B2	3887	B1	9208	B3
E28	E2	3211	B3	3890	C1	9209	B3
E47	A2	3212	B2	3891	C1	9210	B3
E48	A2	3213	B2	3892	B1	9211	B3
E94	C1	3214	B3	3893	D3	9212	C2
E95	E2	3215	B3	3894	D3	9213	C2
1000	A2	3216	B3	3895	A1	9214	B2
1001	A2	3217	B3	3896	B1	9216	B2
1002	A2	3218	C3	3897	A1	9218	C3
1003	A1	3220	C3	3898	B1	9219	C3
1816	C3	3222	D2	3899	B1	9220	C2
1910	E2	3223	D2	3900	E2	9221	D2
2200	B2	3224	C1	3901	E2	9500	D3
2201	B2	3225	C1	3903	E3	9501	D3
2202	B2	3226	C2	3910	E2	9800	C2
2203	B2	3227	C1	3911	E2	9801	D2
2204	B1	3228	C2	3912	E3	9802	B1
2205	B2	3229	C2	3913	E3	9803	D2
2206	B1	3230	C3	3914	E2	9804	C1
2207	B2	3231	C2	3915	E2	9805	C3
2208	B2	3232	C3	3918	E2	9806	C3
2209	B2	3233	C3	3919	E2	9807	C2
2210	B2	3234	B1	3920	E2	9808	C1
2211	B3	3235	B1	3921	D2	9809	C1
2212	B3	3236	B1	3922	E2	9810	D2
2213	B3	3237	A1	3923	E3	9811	C2
2214	B3	3800	A1	3924	E3	9812	C2
2215	C2	3801	B2	3925	E2	9813	E1
2216	C2	3802	C2	3926	E2	9814	C3
2217	C2	3803	C2	3927	E2	9815	D1
2218	D2	3804	C2	3928	E3	9816	C1
2219	D2	3805	C2	3929	E2	9817	C1
2220	A1	3806	B1	4200	B2	9818	D2
2221	A2	3807	C2	4201	C3	9820	D3
2222	A3	3808	A1	4800	B1	9821	C1
2223	A3	3809	C1	4802	D2	9822	B1
2800	C2	3810	A1	4803	C1	9823	D2
2801	B1	3811	C1	4804	C1	9824	D1
2802	D1	3812	C1	4805	C1	9825	C2
2803	E1	3813	C1	4910	E3	9826	C3
2804	C1	3814	D1	4911	E1	9827	D2
2805	D3	3815	B1	4912	E3	9829	B3
2806	C1	3816	B1	5830	D1	9830	C2
2807	C2	3817	A1	5920	E2	9831	A2
2808	C2	3818	A1	6201	B2	9832	B2
2809	E1	3819	D3	6206	B1	9833	D1
2810	D2	3820	D2	6207	A2	9834	C1
2811	E1	3821	D3	6208	A2	9835	D1
2813	C2	3822	D2	6209	B2	9836	B3
2814	D3	3823	D2	6800	B1	9837	B2
2820	D2	3824	E2	6801	B1	9838	C1
2821	D3	3825	D3	6803	D1	9839	C2
2822	C2	3826	D2	6804	B2	9840	D1
2825	D2	3827	D2	6805	D3	9841	D1
2826	C2	3828	D2	6810	D1	9905	E3
2830	D2	3829	B1	6830	D1	9911	E2
2831	D2	3830	D1	6831	D1	9912	E3
2832	D1	3831	D1	6900	E2	9913	E2
2833	D1	3832	D1	6920	E2	9914	E2
2834	C2	3833	D1	6921	E2	9915	E2
2835	C1	3834	D1	6922	E2	9916	E3
2837	B1	3835	D1	6923	E2	9917	D3
2838	A1	3836	C1	7201	B2	9918	E2
2890	B1	3837	C1	7202	C3	9931	D2
2900	E2	3838	C1	7203	C3		
2901	D2	3839	D1	7204	B2		
2908	D2	3840	C1	7205	B2		
2909	D2	3841	C1	7800	C2		
2910	E2	3842	C1	7801	E1		
2911	E3	3843	C1	7802	D2		
2912	E2	3844	C1	7803	E1		
2913	E2	3845	B1	7804	B2		
2914	E2	3846	B1	7805	D3		
2915	E2	3847	B1	7806	B2		
2916	E2	3848	C2	7809	B1		
2917	E2	3849	C1	7820	C2		
2918	E2	3851	B1	7830	D1		
2919	E3	3852	E1	7831	C1		
2920	E3	3853	E1	7832	C1		
2922	D2	3854	E1	7833	C1		
2923	E3	3855	E1	7834	C1		
2925	E2	3856	D1	7890	B1		
2926	E3	3857	E1	7892	C1		
2927	E2	3858	E1	7893	B1		
2928	D2	3859	D1	7894	B1		
3200	B2	3860	B2	7900	E2		
3201	B2	3861	B2	7910	E2		
3202	A2	3862	B2	7920	E2		
3203	B2	3863	B2	7921	E2		
3204	B2	3864	B2	7922	E3		

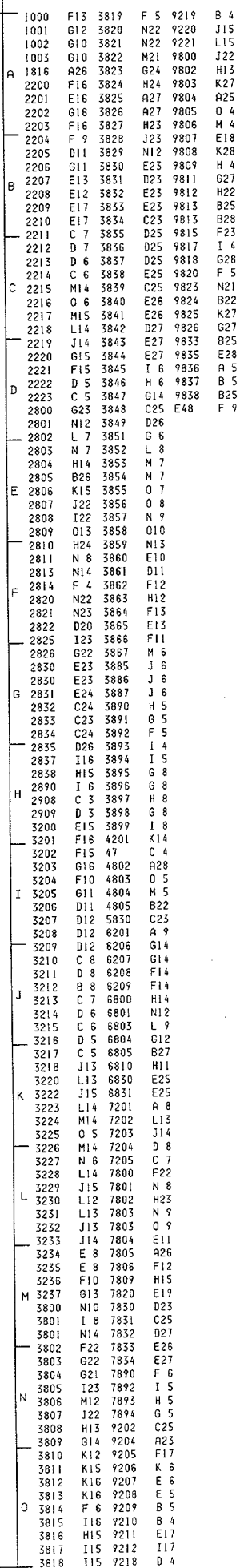
Euro module (Eurotext 2)

02 B2
04 B2
05 C2
06 B3
07 B3
08 B3
09 B3
10 B3
11 B3
12 C2
13 C2
14 B2
16 B2
18 C3
19 C3
20 C2
21 D2
00 D3
01 D3
02 D2
03 D2
04 C1
05 C3
06 C3
07 C2
08 C1
09 C1
10 D2
11 C2
12 C2
13 E1
14 C3
15 D1
16 C1
17 C1
18 D2
19 D3
20 D3
21 C1
22 B1
23 D2
24 D1
25 C2
26 C3
27 D2
29 B3
30 C2
31 A2
32 B2
33 D1
34 C1
35 D1
36 B3
37 B2
38 C1
39 C2
40 D1
41 D1
05 E3
1 E2
2 E3
3 E2
4 E2
5 E2
6 E3
7 D3
8 E2
31 D2

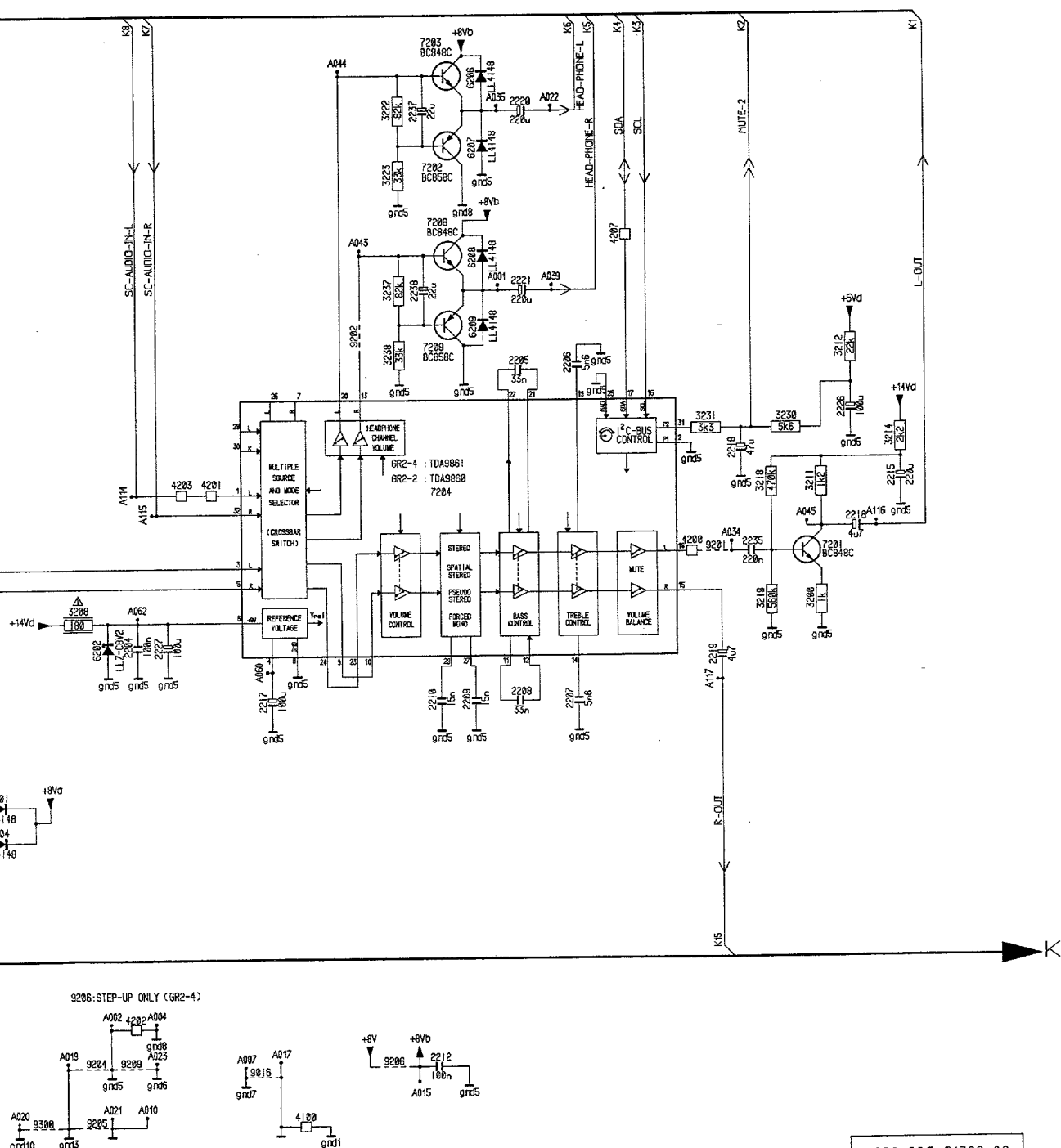


F1



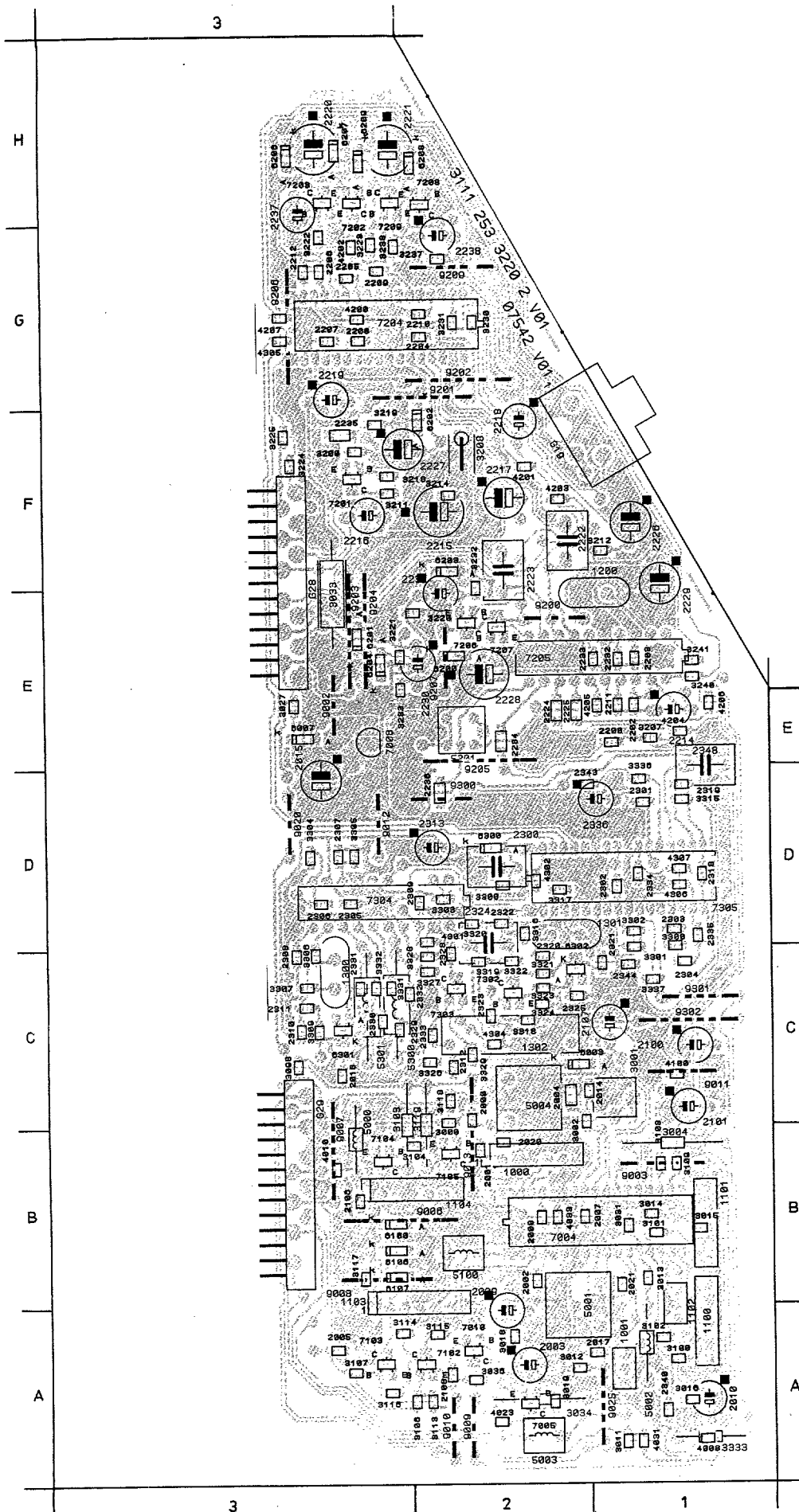




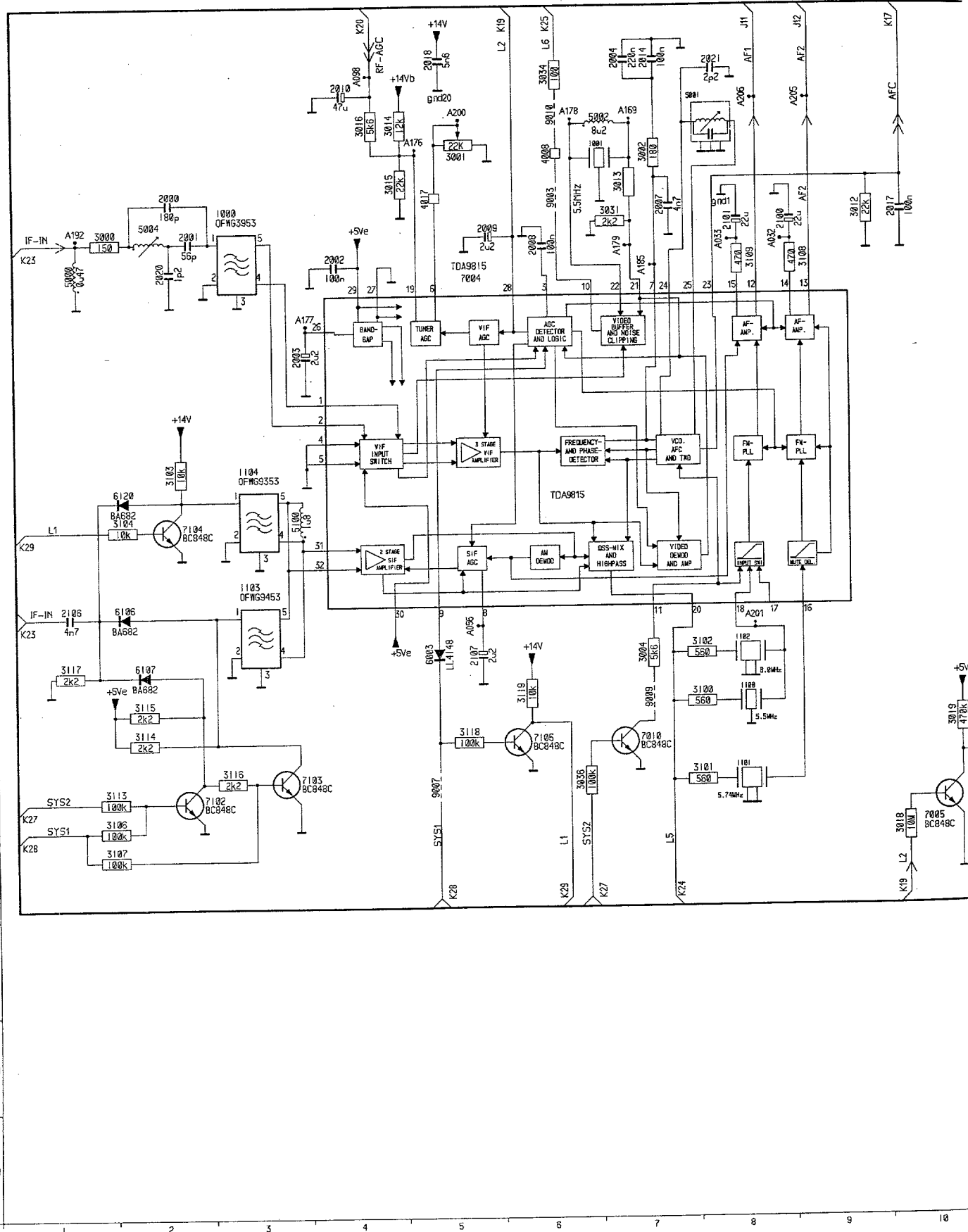


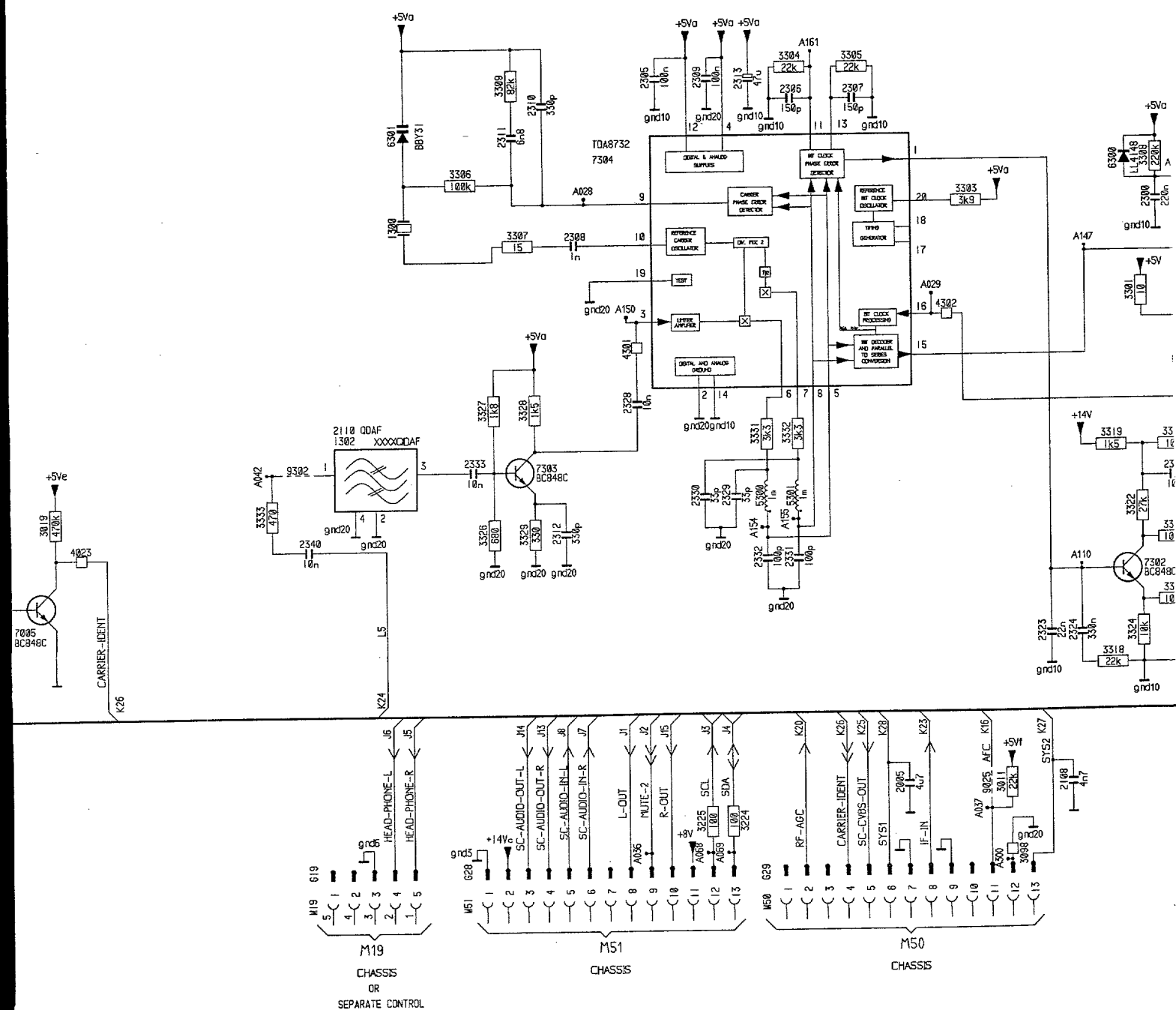
1200	I	N	6	A055	F	9
2200	2	H	4	A056	F	9
3200	3	H	4	A057	F	9
4200	4	H	4	A058	F	9
5200	5	H	4	A059	F	9
6200	6	H	4	A060	F	9
7200	7	H	4	A061	F	9
8200	8	H	4	A062	F	9
9200	9	H	4	A063	F	9
10200	10	H	4	A064	F	9
11200	11	H	4	A065	F	9
12200	12	H	4	A066	F	9
13200	13	H	4	A067	F	9
14200	14	H	4	A068	F	9
15200	15	H	4	A069	F	9
16200	16	H	4	A070	F	9
17200	17	H	4	A071	F	9
18200	18	H	4	A072	F	9
19200	19	H	4	A073	F	9
20200	20	H	4	A074	F	9
21200	21	H	4	A075	F	9
22200	22	H	4	A076	F	9
23200	23	H	4	A077	F	9
24200	24	H	4	A078	F	9
25200	25	H	4	A079	F	9
26200	26	H	4	A080	F	9
27200	27	H	4	A081	F	9
28200	28	H	4	A082	F	9
29200	29	H	4	A083	F	9
30200	30	H	4	A084	F	9
31200	31	H	4	A085	F	9
32200	32	H	4	A086	F	9
33200	33	H	4	A087	F	9
34200	34	H	4	A088	F	9
35200	35	H	4	A089	F	9
36200	36	H	4	A090	F	9
37200	37	H	4	A091	F	9
38200	38	H	4	A092	F	9
39200	39	H	4	A093	F	9
40200	40	H	4	A094	F	9
41200	41	H	4	A095	F	9
42200	42	H	4	A096	F	9
43200	43	H	4	A097	F	9
44200	44	H	4	A098	F	9
45200	45	H	4	A099	F	9
46200	46	H	4	A100	F	9
47200	47	H	4	A101	F	9
48200	48	H	4	A102	F	9
49200	49	H	4	A103	F	9
50200	50	H	4	A104	F	9
51200	51	H	4	A105	F	9
52200	52	H	4	A106	F	9
53200	53	H	4	A107	F	9
54200	54	H	4	A108	F	9
55200	55	H	4	A109	F	9
56200	56	H	4	A110	F	9
57200	57	H	4	A111	F	9
58200	58	H	4	A112	F	9
59200	59	H	4	A113	F	9
60200	60	H	4	A114	F	9
61200	61	H	4	A115	F	9
62200	62	H	4	A116	F	9
63200	63	H	4	A117	F	9
64200	64	H	4	A118	F	9
65200	65	H	4	A119	F	9
66200	66	H	4	A120	F	9
67200	67	H	4	A121	F	9
68200	68	H	4	A122	F	9
69200	69	H	4	A123	F	9
70200	70	H	4	A124	F	9
71200	71	H	4	A125	F	9
72200	72	H	4	A126	F	9
73200	73	H	4	A127	F	9
74200	74	H	4	A128	F	9
75200	75	H	4	A129	F	9
76200	76	H	4	A130	F	9
77200	77	H	4	A131	F	9
78200	78	H	4	A132	F	9
79200	79	H	4	A133	F	9
80200	80	H	4	A134	F	9
81200	81	H	4	A135	F	9
82200	82	H	4	A136	F	9
83200	83	H	4	A137	F	9
84200	84	H	4	A138	F	9
85200	85	H	4	A139	F	9
86200	86	H	4	A140	F	9
87200	87	H	4	A141	F	9
88200	88	H	4	A142	F	9
89200	89	H	4	A143	F	9
90200	90	H	4	A144	F	9
91200	91	H	4	A145	F	9
92200	92	H	4	A146	F	9
93200	93	H	4	A147	F	9
94200	94	H	4	A148	F	9
95200	95	H	4	A149	F	9
96200	96	H	4	A150	F	9
97200	97	H	4	A151	F	9
98200	98	H	4	A152	F	9
99200	99	H	4	A153	F	9
100200	100	H	4	A154	F	9

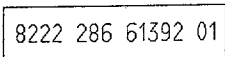
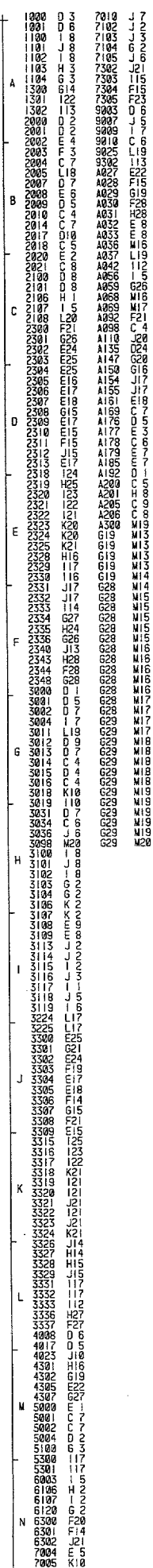
1000 NICAM BGL IF-SOUND MODULE



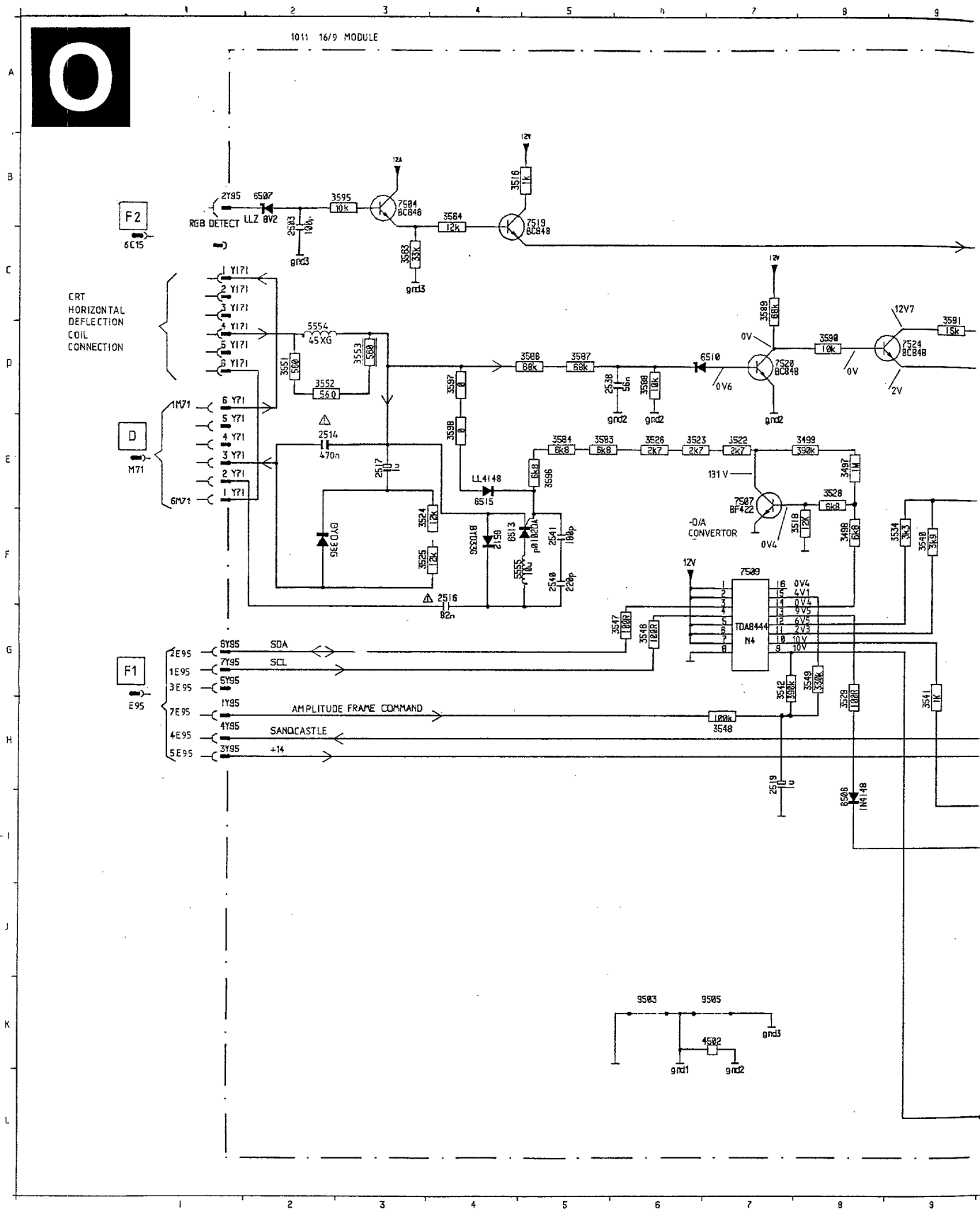
G28	F3	2325	C2	3328	C3	9206	G3
G29	B3	2328	C2	3329	C2	9207	E2
1000	B2	2329	C3	3331	C3	9209	G2
1001	A2	2330	C3	3332	C3	9300	D2
1100	A1	2331	C3	3333	A1	9301	C1
1101	B1	2332	C3	3336	D1	9302	C1
1102	A1	2333	C3	3337	C1		
1103	A3	2334	D1	4008	A1		
1104	B3	2335	D1	4010	B3		
1200	E2	2336	D2	4023	A2		
1300	C3	2340	A1	4031	A1		
1301	D2	2343	D2	4033	B2		
1302	C2	2344	C1	4100	C1		
2000	C2	2348	D1	4200	G3		
2001	B2	3000	C2	4201	F2		
2002	B2	3001	C1	4202	G3		
2003	A2	3002	C2	4203	F2		
2004	C2	3004	B1	4204	E1		
2005	A3	3011	A1	4205	E2		
2007	B2	3012	A2	4206	E1		
2008	B2	3013	B1	4207	G3		
2009	A2	3014	B1	4301	D3		
2010	A1	3015	B1	4302	D2		
2014	C2	3016	A1	4304	C2		
2015	D3	3018	A2	4305	G3		
2017	A2	3019	A2	4306	D1		
2018	C3	3027	E3	4307	D1		
2020	B2	3031	B1	5000	B3		
2021	B2	3033	E3	5001	A2		
2100	C1	3034	A2	5002	A1		
2101	C1	3036	A2	5003	A2		
2106	B3	3098	C3	5004	C2		
2107	C2	3100	A1	5100	B2		
2108	A2	3101	B1	5201	E2		
2200	E2	3102	A1	5300	C3		
2202	E1	3103	B3	5301	C3		
2203	E1	3104	B3	6003	C2		
2204	G3	3106	A3	6007	E3		
2205	G3	3107	A3	6100	B3		
2206	G3	3108	B1	6106	B3		
2207	G3	3109	B1	6107	B3		
2208	G3	3113	A3	6200	E2		
2209	G3	3114	A3	6201	E3		
2210	G3	3115	A3	6202	F3		
2211	E1	3116	A3	6203	F2		
2212	G3	3117	B3	6204	E3		
2214	E1	3118	C2	6206	H3		
2215	F2	3119	B3	6207	H3		
2216	F3	3200	F3	6208	H3		
2217	F2	3207	E1	6209	H3		
2218	F2	3208	F2	6300	D2		
2219	G3	3211	F3	6301	C3		
2220	H3	3212	F2	6302	C2		
2221	H3	3214	F2	7004	B2		
2222	F2	3218	F3	7005	A2		
2223	F2	3219	F3	7008	E3		
2224	E2	3220	E3	7010	A2		
2225	E2	3221	E3	7102	A3		
2226	F1	3222	G3	7103	A3		
2227	F3	3223	G3	7104	B3		
2228	E2	3224	F3	7105	B2		
2229	E1	3225	F3	7201	F3		
2230	E3	3230	G2	7202	H3		
2231	E2	3231	G2	7203	H3		
2232	E1	3232	E2	7204	G3		
2233	E2	3233	E3	7205	E2		
2234	E2	3237	G2	7206	E2		
2235	F3	3238	G3	7207	E2		
2236	D2	3240	E1	7208	H3		
2237	H3	3241	E1	7209	H3		
2238	G2	3300	C1	7302	C2		
2300	D2	3301	C1	7303	C2		
2301	D1	3302	D1	7304	D3		
2302	D2	3303	D2	7305	D1		
2303	D1	3304	D3	9002	E3		
2304	C1	3305	D3	9003	B1		
2305	D3	3306	C3	9006	B3		
2306	D3	3307	C3	9007	B3		
2307	D3	3308	D2	9008	B3		
2308	C3	3309	C3	9009	A2		
2309	D3	3315	D1	9010	A2		
2310	C3	3316	D2	9011	C1		
2311	C3	3317	D2	9012	D3		
2312	C2	3318	C2	9013	B2		
2313	D3	3319	C2	9020	D3		
2318	D1	3320	D2	9025	A2		
2319	D1	3321	C2	9200	E2		
2320	C2	3322	C2	9201	G3		
2321	C2	3323	C2	9202	G2		
2322	D2	3324	C2	9203	E3		
2323	C2	3326	C3	9204	E3		
2324	C2	3327	C3	9205	E2		



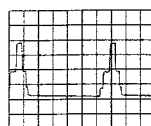




Module 16/9 / Modul 16/9 / Module 16/9

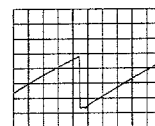


TP 0



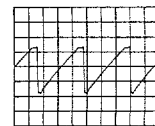
2V/div AC
10 μ s/div

TP 1



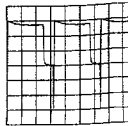
1V/div AC
10 μ s/div

TP 2

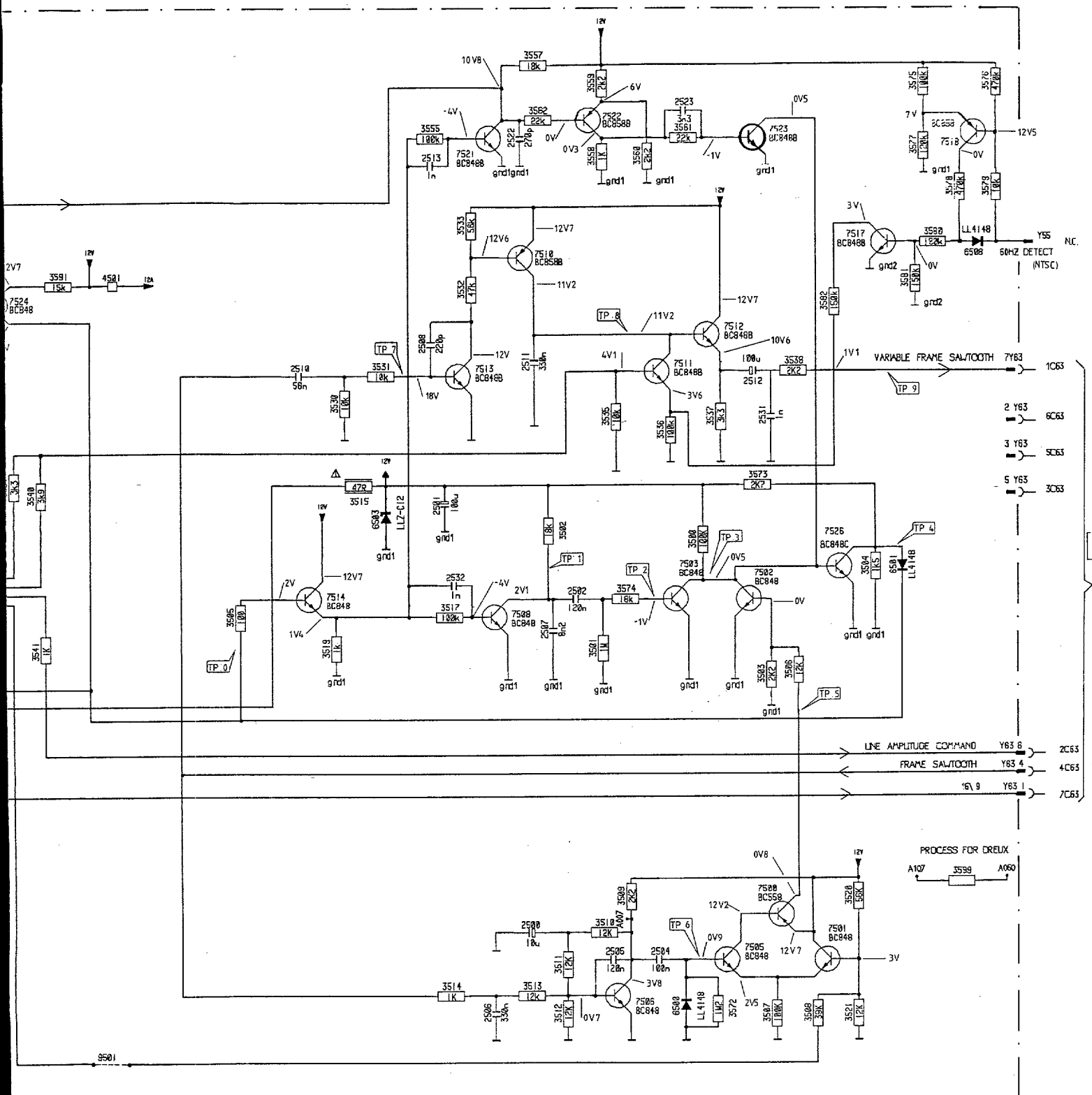


1V/div AC
20μs/div

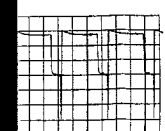
TP 3



200mV/div A
20μs/div

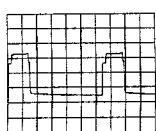


TP 3



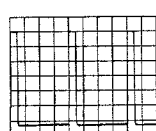
200mV/div AC
20μs/div

TP 4



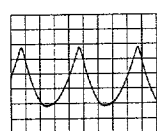
1V/div AC
10μs/div

TP 5



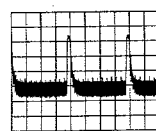
2V/div AC
5ms/div

TP 6



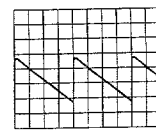
1V/div AC
5ms/div

TP 7



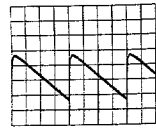
200mV/div AC
5ms/div

TP 8



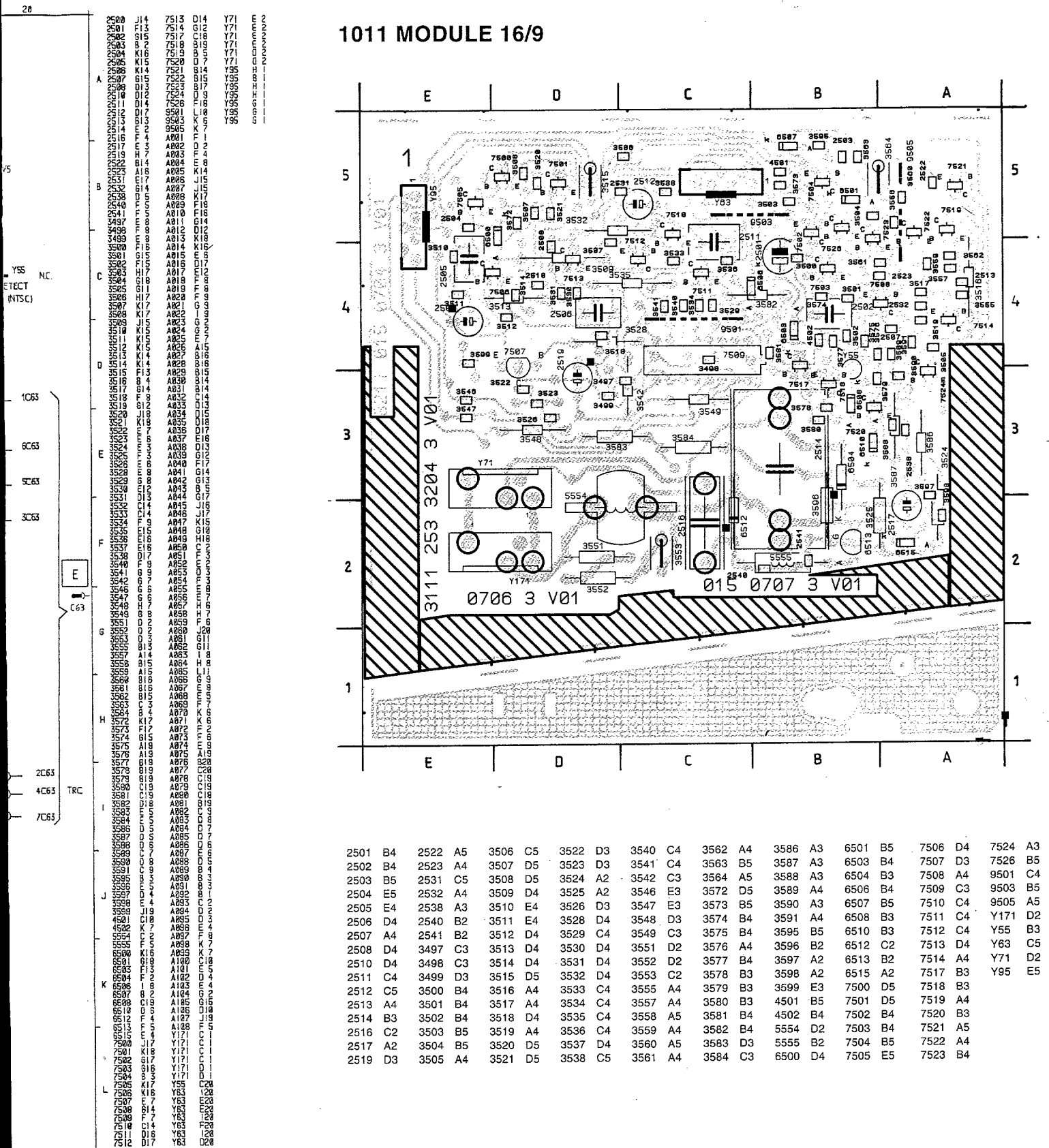
1V/div AC
5ms/div

TP 9



500mV/div AC
5ms/div

1011 MODULE 16/9



2501	B4	2522	A5	3506	C5	3522	D3	3540	C4	3562	A4	3586	A3	6501	B5	7506	D4	7524	A3
2502	B4	2523	A4	3507	D5	3523	D3	3541	C4	3563	B5	3587	A3	6503	B4	7507	D3	7526	B5
2503	B5	2531	C5	3508	D5	3524	A2	3542	C3	3564	A5	3588	A3	6504	B3	7508	A4	9501	C4
2504	E5	2532	A4	3509	D4	3525	A2	3546	E3	3572	D5	3589	A4	6506	B4	7509	C3	9503	B5
2505	E4	2538	A3	3510	E4	3526	D3	3547	E3	3573	B5	3590	A3	6507	B5	7510	C4	9505	A5
2506	D4	2540	B2	3511	E4	3528	D4	3548	D3	3574	B4	3591	A4	6508	B3	7511	C4	Y171	D2
2507	A4	2541	B2	3512	D4	3529	C4	3549	C3	3575	B4	3595	B5	6510	B3	7512	C4	Y55	B3
2508	D4	3497	C3	3513	D4	3530	D4	3551	D2	3576	A4	3596	B2	6512	C2	7513	D4	Y63	C5
2510	D4	3498	C3	3514	D4	3531	D4	3552	D2	3577	B4	3597	A2	6513	B2	7514	A4	Y71	D2
2511	C4	3499	D3	3515	D5	3532	D4	3553	C2	3578	B3	3598	A2	6515	A2	7517	B3	Y95	E5
2512	C5	3500	B4	3516	A4	3533	C4	3555	A4	3579	B3	3599	E3	7500	D5	7518	B3		
2513	A4	3501	B4	3517	A4	3534	C4	3557	A4	3580	B3	4501	B5	7501	D5	7519	A4		
2514	B3	3502	B4	3518	D4	3535	C4	3558	A5	3581	B4	4502	B4	7502	B4	7520	B3		
2516	C2	3503	B5	3519	A4	3536	C4	3559	A4	3582	B4	5554	D2	7503	B4	7521	A5		
2517	A2	3504	B5	3520	D5	3537	D4	3560	A5	3583	D3	5555	B2	7504	B5	7522	A4		
2519	D3	3505	A4	3521	D5	3538	C5	3561	A4	3584	C3	6500	D4	7505	E5	7523	B4		

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.

This module consist the following circuits:

- vertical amplitude blanking
- horizontal amplitude blanking
- east/west correction
- line deflection detector

1. Horizontal and vertical blanking

The video blanking is made on the 16/9 module. This signal is caused by adding the line suppression signal directly to the right and left side and superimposing the sandcastle signal that is sent to the chassis.

A) Blanking on the right side

Synchronised and triggered on the burst signal of the sandcastle this is done by R3505 and T5714 (T60). During the burst signal C2507 is discharged by T7508. when T7508 is blocked the voltage on C2507 begins to increase (T61) due to the current from the 14 Volt via R3502 and C2501. The time of the blanking is determined by C2502, R3501, 3574 and T7503 (T62). when T7503 is saturated (T63), the blanking command is zero and T7528 is blocked (T64).

B) Blanking on the left side

Synchronisation by means of a burst pulse from the sandcastle and via R3555, C2513 and T7521. During line blanking, C2522 is discharged so T7522 and T7523 saturated → T7528 blocked.

C) Vertical blanking

The vertical feedback sawtooth is present on R3514 and integrated (R3514, R3513 and C2505 form the integrator) to have a parabolla. This signal clamped by C2504 and D6500 to ground (T66). The voltage on kathode of D6500 (T66) is compared to the voltage of the base of T7501. When the voltage on the kathode is higher Vb of T7501 → T7500 and T7502 are saturated → T7528 blocked.

2. East/west correction

East-west correction is possible by varying the amplitude of the sawtooth. This variable sawtooth is available on the cathode of C2520 on the crt-module. The frame command for the amplitude that originates from the euro module is used for the synchronisation of the variable frame sawtooth. T7510 is used as the power source in order to create a perfect sawtooth on C2511. The level of C2511 is dependent on the level of pin 11 and pin 12 of IC7589. T7511 controls the current through R3538, which in turn controls the variable frame sawtooth.

3. Line deflection detector

Via connector pin 1Y171 and R3586, R3587 the line current is fed to D6510. If the line plug is connected then T7520 saturated → T7524 blocked → no action on sandcastle.

If the there is no current from the line deflection → T7520 blocked → T7524 is saturated → 12 Volt is added to the sandcastle → beam current cancelled (black screen).

Variable actions:

- 1 - RGB
- 2 - zoom
- 3 - corrections in 4/3, 16/9, panorama

1) RGB transmission

When RGB signals are present the RGB detect signal is "1" → T7519 is switched on → R3516 parallel with R3557 → reducing the blanking time on the left. If there are no RGB signals → no action.

2) Zoom

In zoom mode information is generated by software which is converted by IC7589 (TDA8444) in different variable output DC-voltages on the output pins (9 uptil 15) in the following situations:

- a) Frame zoom: pin 15 is used to adjust the frame in 16/9 mode
pin 9 is used for the zoom and blanking frame
- b) East/west zoom: pin 11 is used as zoom function by steering T7511 via R3540
pin 12 is used to adjust the sawtooth in 4/3 zoom max
- c) Line zoom: pin 10 is used to give line amplitude commands and zoom

3) Corrections in 4/3, 16/9, panorama

The variable output (pin 13 IC7589) is used to correct the line amplitude in panorama mode and 16/9 mode.

(16/9 supplement)

Service menu

Fig. 7.1 shows the options in the Service Menu layouts. In the 16/9 model the option "E SIX./NINE" has been added in the "service menu". For a detailed description of the "service default mode" and the "service menu" please refer to chapter 9 in the chassis manual GR2.4 AA.

Default values in option "E SIX./NINE"

The default values are displayed as a two figure number in the middle of the bar at the bottom of the picture. The default value can be changed for the optimum picture dimensions of the set concerned using the "+" and "-" keys.

Option		Default value
"A HEIGHT"	(picture height)	15
"B PARAB SIXT./NINE"	(east-west correction 16/9)	04
"C WIDE"	(picture width)	03
"D PARAB FOUR/THREE"	(east-west correction 4/3)	15

For the default values of the options in the other menus please refer to chassis manual GR2.4 AA.

Adjustments in 16/9 mode.

Following the replacement of the EEPROM (IC7710) and/or microprocessor (IC7708) diagram A. It is necessary to recalibrate the 16/9 adjustments. Use a test circle (antenna signal) or a convergence pattern (video generator).

The adjustments are now as follows:

Place the set in service mode.
Select "E SIX./NINE" mode.

1. Picture height

Select A (height), adjust the picture with +/- menu key in such a manner that the upper and lower edges just touch the mask. Now centre the picture using R3516.

2. Picture width

- Select C (wide), adjust the picture with the +/- menu key so that the picture remains 7 cm from the mask on both the right and left side.
- Select D (parab four/three), using the +/- menu key adjust so that the vertical lines are straight.
- Repeat A if it is necessary !

3. East/west adjustment in 16/9 mode

Select B (parab six./nine), using the +/- menu key adjust so that the vertical lines are straight.

Now switch to "standby".

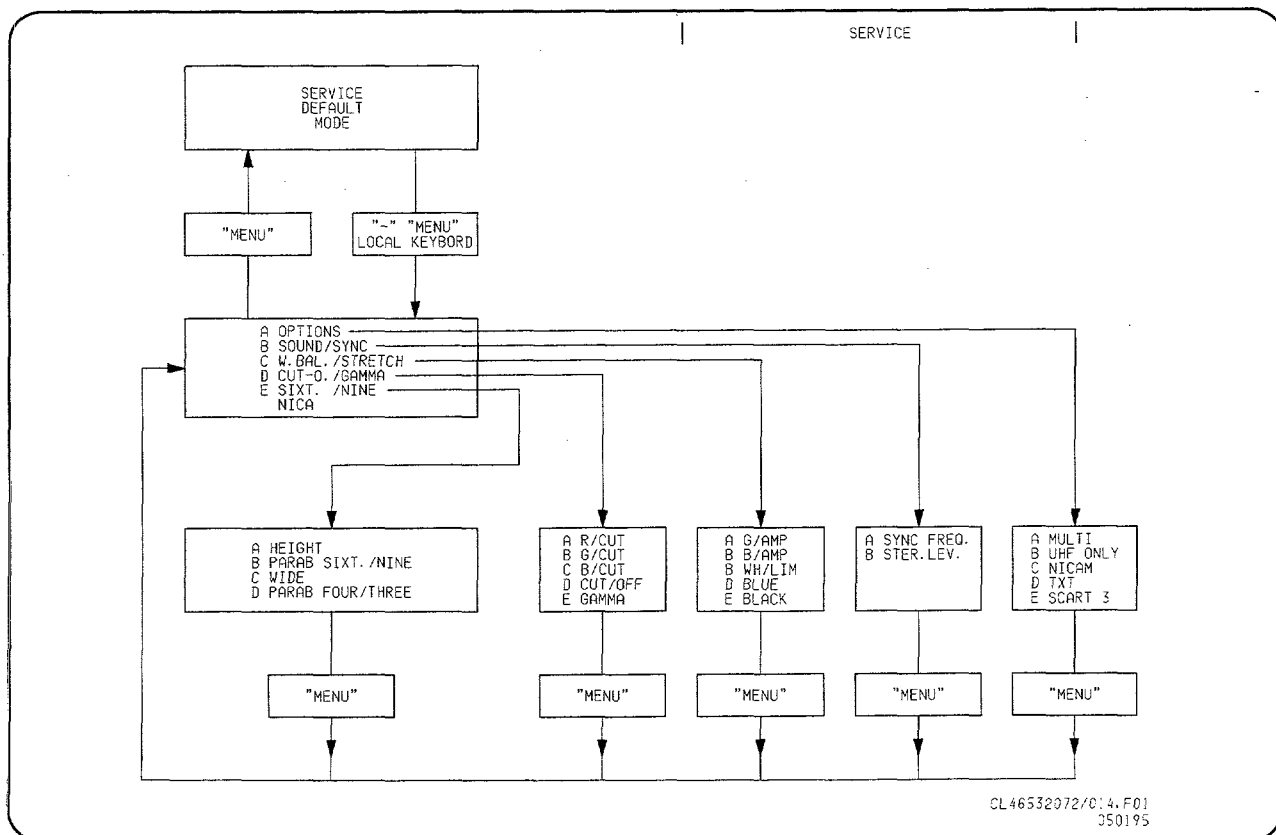


Fig. 7.1

9. Directions for use

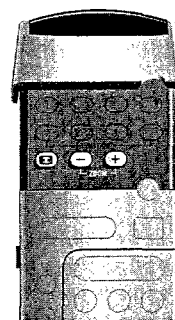
(16/9 supplement)

Functions 16/9

Not all today's broadcasts are in a 16/9 wide screen format. the majority are still transmitted in a conventional 4/3 format.

The wide screen, super wide and zoom functions allow you to adapt the size of the transmitted picture to suit your wide screen receiver.

The proportions 16/9 and 4/3 refer to the ratio of the width to the height of the television screen.



Wide screen

Wide screen and panorama.

These functions are operated with the  key on your remote-control.

- Press the  key .
- ▷ The  symbol is briefly on displayed on the screen, the picture is enlarged horizontal (wide screen function).

This function allows you to restore a picture transmitted in 16/9 format and is only useful for 16/9 broadcasts.



Panorama

- Press the  key again
- ▷ The  symbol is briefly on displayed on the screen, the picture is again enlarged horizontally but now only the edges of the image are stretched (panorama function).

This function can be used to display a 4/3 broadcast over the whole of a 16/9 screen, thus giving maximum benefit from your large screen.

- Press the  key again .
- ▷ The initial 4/3 format is restored.



Zooming

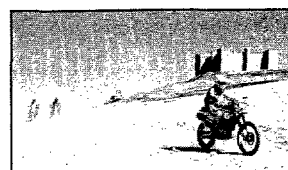
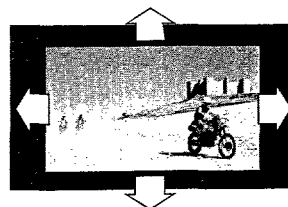
The zoom keys  and  enable an image to be enlarged whilst maintaining its proportions. This function is especially useful for 4/3 images transmitted in the cinemascope format (black bars above and below the picture).

Zooming is not possible when the wide screen or panorama have been selected.

- Press the  zoom key.
- ▷ Each time this key is pressed the image is enlarged. If the key is held down, the image is gradually enlarged until the maximum value is reached.

To return to the normal format:

- Press the  zoom key.
- ▷ Each time this key is pressed the image is reduced. If the key is held down the image is gradually reduced until the minimum value is reached.



Spare parts list / Stükliste / Liste des pièces

3542 4822 116 52278 390k 5% 0.5W
 3546 4822 051 20101 100Ω 5% 0.1W
 3547 4822 051 20101 100Ω 5% 0.1W
 3548 4822 116 52234 100k 5% 0.5W
 3549 4822 116 52272 330k 5% 0.5W
 3551▲ 4822 050 25601 560Ω 1% 0.6W
 3552▲ 4822 050 25601 560Ω 1% 0.6W
 3553▲ 4822 052 10561 560Ω 5% 0.33W
 3555 4822 051 20104 100k 5% 0.1W
 3557▲ 4822 051 20472 4k7 5% 0.1W
 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 20223 22k 5% 0.1W
 3562 4822 051 20223 22k 5% 0.1W
 3563 4822 051 20823 82k 5% 0.1W
 3564 4822 051 20824 820k 5% 0.1W
 3572 4822 051 20105 1M 5% 0.1W
 3573 4822 051 20272 2k7 5% 0.1W
 3574 4822 051 20103 10k 5% 0.1W
 3575 4822 051 20183 18k 5% 0.1W

3576 4822 051 20184 180k 5% 0.1W
 3577 4822 051 20223 22k 5% 0.1W
 3578 4822 051 20474 470k 5% 0.1W
 3579 4822 051 20103 10k 5% 0.1W
 3580 4822 051 20184 180k 5% 0.1W
 3581 4822 051 20683 68k 5% 0.1W
 3582 4822 116 52239 120k 5% 0.5W
 3583 4822 116 52271 33k 5% 0.5W
 3584 4822 116 52257 22k 5% 0.5W
 3586 4822 116 52297 68k 5% 0.5W

3587 4822 116 52297 68k 5% 0.5W
 3588 4822 051 20103 10k 5% 0.1W
 3589 4822 051 20683 68k 5% 0.1W
 3590 4822 051 20103 10k 5% 0.1W
 3591 4822 051 20153 15k 5% 0.1W
 3595 4822 051 10102 1k 2% 0.25W
 3596 4822 116 52244 15k 5% 0.5W
 3597 4822 051 20473 47k 5% 0.1W
 3598 4822 051 20473 47k 5% 0.1W

5554▲ 4822 156 50097 COIL



6500 4822 130 80446 LL4148
 6501 4822 130 80446 LL4148
 6503 4822 130 81288 LLZ-C12
 6504 4822 130 42489 BYD33G
 6506 4822 130 80446 LL4148
 6507 4822 130 82882 LLZ-F8V2
 6508 4822 130 80446 LL4148
 6510 4822 130 82882 LLZ-F8V2
 6512 4822 130 42489 BYD33G
 6513 4822 130 20293 P0102BA

6515 4822 130 80446 LL4148
 6550 4822 130 80446 LL4148



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 41782 BF422
 7508 5322 130 42136 BC848C
 7509 4822 209 63995 TDA8444/N4

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
 7517 5322 130 42136 BC848C
 7518 4822 130 42513 BC858C
 7519 5322 130 42136 BC848C
 7520 5322 130 42136 BC848C
 7521 5322 130 42136 BC848C

7522 4822 130 42513 BC858C
 7523 5322 130 42136 BC848C
 7524 5322 130 42136 BC848C
 7526 5322 130 42136 BC848C

2202	4822 122 33177	10nF 20% 50V
2203	4822 126 13161	100nF 10% 25V
2204	4822 126 13161	100nF 10% 25V
2205	4822 122 33342	33nF 10% 63V
2206	4822 122 32646	5.6nF 10% 50V
2207	4822 122 32646	5.6nF 10% 50V
2208	4822 122 33342	33nF 10% 63V
2209	4822 122 33128	15nF 10% 63V
2210	4822 122 33128	15nF 10% 63V

2211	4822 126 13161	100nF 10% 25V
2212	4822 126 13161	100nF 10% 25V
2214	4822 124 41579	10µF 20% 50V
2215	4822 124 40196	220µF 20% 16V
2216	4822 124 40246	4.7µF 20% 63V
2217	4822 124 41643	100µF 20% 16V
2218	4822 124 40433	47µF 20% 25V
2219	4822 124 40246	4.7µF 20% 63V
2220	4822 124 40196	220µF 20% 16V
2221	4822 124 40196	220µF 20% 16V

2222	5322 121 42498	680nF 5% 63V
2223	5322 121 42498	680nF 5% 63V
2224	4822 122 32927	220nF 20% 50V
2225	4822 122 32927	220nF 20% 50V
2226	4822 124 41643	100µF 20% 16V
2227	4822 124 41643	100µF 20% 16V
2228	4822 124 41643	100µF 20% 16V
2228	4822 124 80702	100µF 20% 25V
2229	4822 124 41643	100µF 20% 16V
2230	5322 124 41431	22µF 20% 35V

2231	5322 124 41431	22µF 20% 35V
2232	5322 122 34098	10nF 10% 63V
2233	5322 122 34098	10nF 10% 63V
2234	4822 122 32927	220nF 20% 50V
2235	4822 122 32927	220nF 20% 50V
2236	4822 122 32927	220nF 20% 50V
2237	5322 124 41431	22µF 20% 35V
2238	5322 124 41431	22µF 20% 35V
2300	4822 121 42408	220nF 5% 63V
2301	4822 126 13161	100nF 10% 25V

2302	4822 126 13161	100nF 10% 25V
2303	4822 122 33514	68pF 5% 50V
2304	5322 122 31863	330pF 5% 50V
2305	4822 126 13161	100nF 10% 25V
2306	5322 122 33538	150pF 2% 63V
2307	5322 122 33538	150pF 2% 63V
2308	5322 122 34123	1nF 10% 50V
2309	4822 126 13161	100nF 10% 25V
2310	5322 122 31863	330pF 5% 50V
2311	5322 122 31866	6.8nF 10% 63V

2312	5322 122 31863	330pF 5% 50V
2313	4822 124 40433	47µF 20% 25V
2318	5322 122 31863	330pF 5% 50V
2319	4822 122 33514	68pF 5% 50V
2320	4822 122 33172	390pF 5% 50V
2321	5322 122 34123	1nF 10% 50V
2322	4822 122 33177	10nF 20% 50V
2323	5322 122 32654	22nF 10% 63V
2324	5322 121 42661	330nF 5% 63V
2325	5322 122 34123	1nF 10% 50V

2328	4822 122 33177	10nF 20% 50V
2329	5322 122 32659	33pF 5% 50V
2330	5322 122 32659	33pF 5% 50V
2331	5322 122 32531	100pF 5% 50V
2332	5322 122 32531	100pF 5% 50V
2333	4822 122 33177	10nF 20% 50V
2334	4822 126 13161	100nF 10% 25V
2335	4822 126 13161	100nF 10% 25V
2336	4822 124 40433	47µF 20% 25V
2340	4822 122 33177	10nF 20% 50V

2343	4822 122 33219	1.8nF 10% 50V
2343	5322 122 32654	22nF 10% 63V
2344	4822 122 33219	1.8nF 10% 50V
2344	5322 122 32654	22nF 10% 63V
2347	4822 124 41643	100µF 20% 16V
2348	4822 121 51319	1µF 10% 63V



3000	4822 051 20151	150Ω 5% 0.1W
3001	4822 101 11192	22k 30% LIN 0.1W
3002	4822 051 20181	180Ω 5% 0.1W
3004	4822 116 52289	5k 5% 0.5W
3011	4822 051 20223	22k 5% 0.1W
3012	4822 051 20223	22k 5% 0.1W
3013	4822 051 20101	100Ω 5% 0.1W
3013	4822 051 20181	180Ω 5% 0.1W
3013	4822 051 20391	390Ω 5% 0.1W
3014	4822 051 20123	12k 5% 0.1W

3015	4822 051 20223	22k 5% 0.1W
3016	4822 051 20562	5k 5% 0.1W
3018	4822 051 20106	10M 5% 0.1W
3019	4822 051 20474	470k 5% 0.1W
3027	4822 051 20122	1k 2% 0.1W
3031	4822 051 20222	2k 2% 0.1W
3033	4822 053 10688	608 5% 1W

3034	4822 051 20101	100Ω 5% 0.1W
3034	4822 116 52175	100Ω 5% 0.5W
3036	4822 051 20104	100k 5% 0.1W

3098	4822 051 20104	100k 5% 0.1W
3098	4822 051 20222	2k 2% 0.1W
3098	4822 051 20564	560k 5% 0.1W
3100	4822 051 20561	560Ω 5% 0.1W
3101	4822 051 20561	560Ω 5% 0.1W
3102	4822 051 20561	560Ω 5% 0.1W
3103	4822 116 52233	10k 5% 0.5W
3104	4822 051 20103	10k 5% 0.1W
3106	4822 051 20104	100k 5% 0.1W
3107	4822 051 20104	100k 5% 0.1W

3108	4822 051 20471	470Ω 5% 0.1W
3109	4822 051 20471	470Ω 5% 0.1W
3113	4822 051 20104	100k 5% 0.1W
3114	4822 051 20222	2k 2% 0.1W
3115	4822 051 20222	2k 2% 0.1W
3116	4822 051 20103	10k 5% 0.1W
3117	4822 051 20222	2k 2% 0.1W
3118	4822 051 20104	100k 5% 0.1W
3119	4822 116 52233	10k 5% 0.5W
3200	4822 051 10102	1k 2% 0.25W

3207	4822 051 20822	8k 2% 0.1W
3208	4822 052 10181	180Ω 5% 0.33W
3211	4822 051 20122	1k 2% 0.1W
3212	4822 051 20223	22k 5% 0.1W
3212	4822 051 20473	47k 5% 0.1W
3214	4822 051 20222	2k 2% 0.1W
3218	4822 051 20474	470k 5% 0.1W
3219	4822 051 20564	560k 5% 0.1W
3220	4822 051 20563	56k 5% 0.1W
3221	4822 051 20563	56k 5% 0.1W

3222	4822 051 20823	82k 5% 0.1W
3223	4822 051 20333	33k 5% 0.1W
3224	4822 051 20101	100Ω 5% 0.1W
3225	4822 051 20101	100Ω 5% 0.1W
3230	4822 051 20562	56k 5% 0.1W
3231	4822 051 20332	3k 3% 0.1W
3232	4822 051 10102	1k 2% 0.25W
3233	4822 051 10102	1k 2% 0.25W
3234	4822 052 10181	180Ω 5% 0.33W
3237	4822 051 20823	82k 5% 0.1W

3238	4822 051 20333	33k 5% 0.1W
3240	4822 051 20101	100Ω 5% 0.1W
3241	4822 051 20101	100Ω 5% 0.1W
3300	4822 051 20563	56k 5% 0.1W
3301	4822 051 20109	10Ω 5% 0.1W
3302	4822 051 20228	2k 2% 0.1W
3303	4822 051 20392	3k 3% 0.1W
3304	4822 051 20223	22k 5% 0.1W
3305	4822 051 20223	22k 5% 0.1W
3306	4822 051 20104	100k 5% 0.1W

3307	4822 051 20159	15Ω 5% 0.1W
3308	4822 051 20224	220k 5% 0.1W
3309	4822 051 20823	82k 5% 0.1W
3314	4822 051 20471	470Ω 5% 0.1W
3315	4822 051 20563	56k 5% 0.1W
3316	4822 051 10102	1k 2% 0.25W
3317	4822 051 20105	1M 5% 0.1W
3318	4822 051 20223	22k 5% 0.1W
3319	4822 117 11139	1k 5% 0.1W
3320	4822 051 20103	10k 5% 0.1W

3321	4822 051 20104	100k 5% 0.1W
3322	4822 051 20273	27k 5% 0.1W
3323	4822 051 20104	100k 5% 0.1W
3324	4822 051 20103	10k 5% 0.1W
3326	4822 051 20681	680Ω 5% 0.1W
3327	4822 051 20182	1k 8% 0.1W
3328	4822 117 11139	1k 5% 0.1W
3329	4822 051 20331	330Ω 5% 0.1W
3331	4822 051 20332	3k 3% 0.1W
3332	4822 051 20332	3k 3% 0.1W

3333	4822 116 52224	470Ω 5% 0.5W
3334	4822 051 20122	1k 2% 0.1W
3335	4822 051 20471	470Ω 5% 0.1W
3336	4822 051 20101	100Ω 5% 0.1W
3337	4822 051 20101	100Ω 5% 0.1W
3340	4822 051 20122	1k 2% 0.1W
3341	4822 051 20471	470Ω 5% 0.1W

5000	4822 157 61898	Coil
5001	4822 157 71099	0.28µH
5002	4822 157 53066	15µH
5002	4822 157 53634	5.6µH
5002	4822 157 62767	8.2µH
5003	4822 157 71098	1.8µH
5004	4822 157 53302	1µH
5004	4822 157 53539	0.27µH
5100	4822 157 71098	1.8µH
5201	4822 157 71296	1500µH

5300	4822 157 50975	1 mH
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5301	4822 157 50975	1 mH
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6003	4822 130 80446	LL4148
6007	4822 130 81227	LLZ-F5V6
6100	4822 130 80888	BA682
6106	4822 130 80888	BA682
6107	4822 130 80888	BA682
6200	4822 130 80446	LL4148
6201	4822 130 80446	LL4148
6202	4822 130 82192	LLZ-C8V2
6203	4822 130 80446	LL4148
6204	4822 130 80446	LL4148

6205	4822 130 82192	LLZ-C8V2
6206	4822 130 80446	LL4148
6207	4822 130 80446	LL4148
6208	4822 130 80446	LL4148
6209	4822 130 80446	LL4148
6300	4822 130 80446	LL4148
6301	5322 130 34689	BBY31
6302	5322 130 80119	BBY40



7004	4822 209 33707	TDA9815/V2
7005	5322 130 42136	BC848C
7008	4822 130 44121	BC338
7010	5322 130 42136	BC848C
7102	5322 130 42136	BC848C
7103	5322 130 42136	BC848C
7104	5322 130 42136	BC848C
7105	5322 130 42136	BC848C
7201	5322 130 42136	BC848C
7202	4822 130 42513	BC858C

7203	5322 130 42136	BC848C
7204	4822 209 33706	TDA9861/V1
7205	4822 209 32863	TDA9840/V2
7206	5322 130 42136	BC848C
7207	5322 130 42136	BC848C
7208	5322 130 42136	BC848C
7209	4822 130 42513	BC858C
7302	5322 130 42136	BC848C
7303	5322 130 42136	BC848C
7304	4822 209 30909	TDA8732/C1

7305	4822 209 32959	SAAT282AZP
7306	5322 130 42136	BC848C
7307	5322 130 42136	BC848C

1009 Scanning module [I]

Various

4822 212 31904	Scanning panel compl.
4822 404 31381	Holder scanning panel
4822 264 40207	3P male
4822 267 40985	6P male black
4822 265 40421	6P male white



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7500 4822 130 63556 BC640-16
7501 4822 130 61262 BC639-16
7502 4822 130 44154 BF199
7503 4822 130 44154 BF199

1003 Eurotext 2 module [F]

Various

4822 212 31871 Panel eurotext 2 3SC CF
4822 212 31872 Panel eurotext 2 NTX
4822 212 31873 Panel eurotext 2 TXT
4822 212 31874 Panel eurotext 2 TXT CF

4822 404 31419 Holder (scart)
4822 267 60243 21P scart (blue)
4822 267 30631 Cinch 2 fold
4822 267 50721 9P male white
4822 267 51276 9P female white
4822 265 31135 5P male (E26)
4822 267 40696 3P male (E27)
4822 267 40624 5P male
4822 265 41441 7P male (E95)
4822 252 51169 Fuse 250mA
1816 4822 242 81962 Crystal 13MHz
1910

II

2200 4822 121 51299 1nF 10% 50V
2201 4822 124 40433 47µF 20% 25V
2202 4822 121 51299 1nF 10% 50V
2203 4822 124 40433 47µF 20% 25V
2204 4822 122 31211 100pF 10% 500V
2205 4822 121 51252 470nF 5% 63V
2206 4822 122 31211 100pF 10% 500V
2207 4822 121 51252 470nF 5% 63V
2208 4822 121 51319 1µF 10% 63V
2209 4822 121 51252 470nF 5% 63V

2210 4822 121 51252 470nF 5% 63V
2211 4822 124 40433 47µF 20% 25V
2212 4822 124 40433 47µF 20% 25V
2213 4822 121 41857 10nF 5% 250V
2214 4822 121 41857 10nF 5% 250V
2215 5322 124 41431 22µF 20% 35V
2216 5322 124 41431 22µF 20% 35V
2217 4822 124 80791 470µF 20% 16V
2218 5322 124 41431 22µF 20% 35V
2219 5322 124 41431 22µF 20% 35V

2220 4822 122 31116 2.2nF 10% 500V
2221 4822 122 31116 2.2nF 10% 500V
2222 4822 122 31116 2.2nF 10% 500V
2223 4822 122 31116 2.2nF 10% 500V
2224 4822 116 52251 18K 5% 0.5W
2225 4822 116 52251 18K 5% 0.5W
2800 4822 124 41643 100µF 20% 16V
2801 5322 124 41431 22µF 20% 35V
2802 5322 124 41431 22µF 20% 35V
2803 4822 122 33342 33nF 10% 63V

2805 4822 124 80791 470µF 20% 16V
2806 5322 124 41431 22µF 20% 35V
2807 4822 124 40246 4.7µF 20% 63V
2808 4822 124 40246 4.7µF 20% 63V
2809 5322 124 41431 22µF 20% 35V
2810 4822 124 41643 100µF 20% 16V
2811 4822 124 41643 100µF 20% 16V
2813 4822 121 51252 470nF 5% 63V
2814 4822 121 41856 22nF 5% 250V
2822 4822 126 13161 100nF 10% 25V

2825 4822 122 32139 12pF 2% 63V
2826 4822 122 32139 12pF 2% 63V
2830 5322 121 42386 100pF 5% 63V
2832 5322 122 32531 100pF 5% 50V
2833 4822 124 40196 220µF 20% 16V
2834 4822 126 12944 4.7nF 10% 50V
2835 4822 124 40246 4.7µF 20% 63V
2837 5322 122 32269 6.8pF 5% 50V
2838 4822 124 41643 100µF 20% 16V
2890 4822 126 13161 100nF 10% 25V

2900 4822 124 40246 4.7µF 20% 63V
2901 4822 124 40433 47µF 20% 25V
2908 4822 122 31211 100pF 10% 500V
2909 4822 122 31211 100pF 10% 500V
2910 4822 122 33177 10nF 20% 50V
2911 5322 126 10794 220pF 5% 63V
2912 5322 122 32448 10pF 5% 50V
2913 5322 122 32481 15pF 5% 50V
2914 4822 126 13161 100nF 10% 25V

2915 4822 126 13161 100nF 10% 25V
2916 5322 126 10794 220pF 5% 63V
2917 4822 122 33177 10nF 20% 50V
2918 5322 122 32452 47pF 5% 63V
2920 4822 126 13161 100nF 10% 25V
2922 5322 122 32658 22pF 5% 50V
2925 4822 122 33177 10nF 20% 50V
2926 5322 124 41431 22µF 20% 35V
2927 4822 124 41643 100µF 20% 16V
2928 4822 122 33575 220pF 5% 50V



3200 4822 116 52211 150Ω 5% 0.5W
3201 4822 051 20563 56k 5% 0.1W
3202 4822 116 52211 150Ω 5% 0.5W
3203 4822 051 20563 56k 5% 0.1W
3204 4822 050 11002 1k 1% 0.4W
3205 4822 050 11002 1k 1% 0.4W
3206 4822 051 20824 820k 5% 0.1W
3207 4822 051 20824 820k 5% 0.1W
3208 4822 116 52305 820k 5% 0.5W
3209 4822 051 20824 820k 5% 0.1W

3210 4822 051 20224 220k 5% 0.1W
3211 4822 051 20332 3k3 5% 0.1W
3212 4822 051 20224 220k 5% 0.1W
3213 4822 051 20332 3k3 5% 0.1W
3214 4822 051 20563 56k 5% 0.1W
3215 4822 051 20563 56k 5% 0.1W
3216 4822 116 52201 75Ω 5% 0.5W
3217 4822 116 52201 75Ω 5% 0.5W
3218 4822 051 20153 15k 5% 0.1W
3220 4822 051 20153 15k 5% 0.1W

3222 4822 051 20563 56k 5% 0.1W
3223 4822 051 20563 56k 5% 0.1W
3224 4822 051 20563 56k 5% 0.1W
3225 4822 051 20563 56k 5% 0.1W
3226 4822 051 20563 56k 5% 0.1W
3227 4822 051 20563 56k 5% 0.1W
3228 4822 051 20103 10k 5% 0.1W
3229 4822 051 20103 10k 5% 0.1W
3230 4822 051 20153 15k 5% 0.1W
3231 4822 051 20332 3k3 5% 0.1W

3232 4822 051 20153 15k 5% 0.1W
3233 4822 051 20332 3k3 5% 0.1W
3234 4822 116 52211 150Ω 5% 0.5W
3235 4822 116 52211 150Ω 5% 0.5W
3236 4822 116 52251 18k 5% 0.5W
3237 4822 116 52251 18k 5% 0.5W
3800 4822 116 83953 75Ω 5% 0.125W
3801 4822 050 11201 120Ω 1% 0.4W
3802 4822 051 20101 100Ω 5% 0.1W
3803 4822 051 10102 1k 2% 0.25W

3804 4822 051 20561 560Ω 5% 0.1W
3805 4822 050 11201 120Ω 1% 0.4W
3806 4822 051 20562 56k 5% 0.1W
3807 4822 051 10102 1k 2% 0.25W
3808 4822 116 83953 75Ω 5% 0.125W
3809 4822 116 80175 4k7 5% 0.5W
3810 4822 116 83953 75Ω 5% 0.125W
3811 4822 050 11201 120Ω 1% 0.4W
3812 4822 051 20104 100k 5% 0.1W
3813 4822 051 20104 100k 5% 0.1W

3814 4822 116 52296 6k8 5% 0.5W
3815 4822 050 11002 1k 1% 0.4W
3816 4822 116 52175 100Ω 5% 0.5W
3817 4822 051 10102 1k 2% 0.25W
3818 4822 116 52199 68Ω 5% 0.5W
3819 4822 116 80175 4k7 5% 0.5W
3820 4822 116 52175 100Ω 5% 0.5W
3821 4822 051 20101 100Ω 5% 0.1W
3822 4822 116 52195 47Ω 5% 0.5W
3823 4822 116 52175 100Ω 5% 0.5W

3824 4822 051 20221 220Ω 5% 0.1W
3825 4822 051 20222 2k2 5% 0.1W
3826 4822 052 10159 15Ω 5% 0.33W
3827 4822 116 52226 560Ω 5% 0.5W
3828 4822 116 52207 1k2 5% 0.5W
3829 4822 051 20562 56k 5% 0.1W
3830 4822 051 20561 560Ω 5% 0.1W
3831 4822 116 52296 6k8 5% 0.5W
3832 4822 117 11139 1k5 1% 0.1W
3833 4822 051 20101 100Ω 5% 0.1W

3834 4822 053 10221 220Ω 5% 1W
3835 4822 050 11002 1k 1% 0.4W
3836 4822 051 20392 3k9 5% 0.1W
3837 4822 051 20104 100k 5% 0.1W
3838 4822 051 20332 3k3 5% 0.1W
3839 4822 051 20331 330Ω 5% 0.1W
3840 4822 051 20471 47Ω 5% 0.1W
3841 4822 117 11139 1k5 1% 0.1W
3842 4822 116 52175 100Ω 5% 0.5W
3843 4822 051 20223 22k 5% 0.1W

3845 4822 051 20221 220Ω 5% 0.1W

3846 4822 116 52215 220Ω 5% 0.5W
3847 4822 116 52175 100Ω 5% 0.5W
3848 4822 051 20101 100Ω 5% 0.1W
3849 4822 051 20109 10Ω 5% 0.1W
3851 4822 051 20221 220Ω 5% 0.1W
3852 4822 051 20562 56k 5% 0.1W
3853 4822 051 20562 56k 5% 0.1W
3854 4822 050 11201 120Ω 1% 0.4W
3855 4822 051 20105 1M 5% 0.1W

3856 4822 051 20393 39k 5% 0.1W
3857 4822 051 20103 10k 5% 0.1W
3858 4822 051 20472 4k7 5% 0.1W
3859 4822 051 20272 2k7 5% 0.1W
3860 4822 051 10102 1k 2% 0.25W
3861 4822 051 20103 10k 5% 0.1W
3862 4822 051 20473 47k 5% 0.1W
3863 4822 051 20473 47k 5% 0.1W
3864 4822 051 10102 1k 2% 0.25W
3865 4822 051 20103 10k 5% 0.1W

3866 4822 051 20473 47k 5% 0.1W
3867 4822 116 83953 75Ω 5% 0.125W
3885 4822 050 11201 120Ω 1% 0.4W
3886 4822 050 11201 120Ω 1% 0.4W
3887 4822 050 11201 120Ω 1% 0.4W
3890 4822 051 20472 4k7 5% 0.1W
3891 4822 051 20472 4k7 5% 0.1W
3892 4822 051 20472 4k7 5% 0.1W
3893 4822 116 52256 2k2 5% 0.5W
3895 4822 116 83953 75Ω 5% 0.125W

3896 4822 050 11201 120Ω 1% 0.4W
3897 4822 116 83953 75Ω 5% 0.125W
3898 4822 050 11201 120Ω 1% 0.4W
3899 4822 050 11201 120Ω 1% 0.4W
3900 4822 052 10279 27Ω 5% 0.33W
3901 4822 051 20271 270Ω 5% 0.1W
3903 4822 051 20101 100Ω 5% 0.1W
3904 4822 051 20221 220Ω 5% 0.1W
3905 4822 051 20331 330Ω 5% 0.1W

3903 4822 051 20561 560Ω 5% 0.1W
3910 4822 051 20153 15k 5% 0.1W
3911 4822 051 10102 1k 2% 0.25W
3912 4822 051 20471 470Ω 5% 0.1W
3913 4822 051 20471 470Ω 5% 0.1W
3914 4822 116 52219 330Ω 5% 0.5W
3915 4822 051 20682 6k8 5% 0.1W
3918 4822 051 20221 220Ω 5% 0.1W
3919 4822 051 20221 220Ω 5% 0.1W
3920 4822 051 20473 47k 5% 0.1W

3921 4822 116 52175 100Ω 5% 0.5W
3922 4822 116 52195 47Ω 5% 0.5W
3923 4822 051 20101 100Ω 5% 0.1W
3924 4822 116 52195 47Ω 5% 0.5W
3925 4822 051 20473 47k 5% 0.1W
3926 4822 051 20223 22k 5% 0.1W
3927 4822 051 20333 33k 5% 0.1W
3928 4822 116 52276 3k9 5% 0.5W
3929 4822 051 10102 1k 2% 0.25W

5830 4822 152 20677 10µH
5920 4822 157 53634 5.6µH 10%



6201 4822 130 80446 LL4148
6206 4822 130 82921 LLZ-F3V9
6207 4822 130 82921 LLZ-F3V9
6208 4822 130 82921 LLZ-F3V9
6209 4822 130 82921 LLZ-F3V9
6800 4822 130 80446 LL4148
6801 5322 130 34955 BA482
6803 5322 130 34955 BA482
6804 4822 130 80446 LL4148
6805 4822 130 81015 LLZ-C10

6810 4822 130 82921 LLZ-F3V9
6830 4822 130 80446 LL4148
6831 4822 130 80446 LL4148
6900 4822 130 81227 LLZ-F5V6
6920 4822 130 30621 1N4148
6921 4822 130 30621 1N4148
6922 4822 130 80446 LL4148
6923 4822 130 80446 LL4148



7201 5322 209 10576 HEF4053BP
7202 5322 130 42136 BC848C
7203 5322 130 42136 BC848C
7204 5322 130 42136 BC848C
7205 5322 130 42136 BC848C
7800 5322 130 42136 BC848C
7801 4822 130 42513 BC858C
7802 5322 130 42136 BC848C

7803 4822 130 42513 BC858C
7804 5322 130 42136 BC848C

7805 4822 130 41344 BC337-40
7806 5322 130 42136 BC848C
7809 5322 130 42136 BC848C
7820 4822 209 31145 TEA6415B
7830 5322 130 42136 BC848C
7831 5322 130 42136 BC848C
7832 5322 130 42136 BC848C
7833 5322 130 42136 BC848C
7834 5322 130 42136 BC848C
7890 5322 209 10576 HEF4053BP

7892 4822 130 42513 BC858C
7893 4822 130 42513 BC858C
7894 4822 130 42513 BC858C
7900 5322 130 42631 BD533
7910 4822 209 52606 CF72306
7920 4822 209 33997 CF70200C
7921 5322 130 42136 BC848C
7922 5322 130 60159 BC846B

1000 IF Nicam module [J],[K]

Various

4822 212 31618 IF Nicam panel compl. (I-UK)
4822 212 31621 IF Nicam panel compl. (BG)
4822 212 31659 IF Nicam panel compl. (BGL)

1000 4822 265 31059 5P male (E27)
1000 4822 242 81436 OFWK3953M (BGL)
1000 4822 242 81717 Filter (BG)
1000 4822 242 81718 Filter (I-UK)
1001 4822 153 30025 6MHz (I-UK)
1001 4822 242 72211 5.5MHz (BG/BGL)
1100 4822 242 70714 Filter 5.5MHz (BGL)

1100 4822 242 71713 filter 6.0MHz (I-UK)
1101 4822 242 70485 Filter 5.7MHz (BG)
1102 4822 242 70714 Filter 5.5MHz (BG)

1102 4822 242 71713 Filter 6.0MHz (BGL)
1103 4822 242 81716 Filter (BGL)
1104 4822 242 81854 Filter (BGL)
1200 4822 242 81813 Cristal 10MHz (BG)
1300 4822 242 81187 Filter 11.7MHz (BG)

1300 4822 242 81188 Cristal 13.104MHz (I-UK)
1301 4822 242 81719 Cristal 8.192MHz (I-UK/BG)
1302 4822 154 90065 Filter (BGL)
1302 4822 242 72301 Filter (BG)
1302 4822 242 72303 Filter (I-BG)

II

2000 4822 126 13159 180pF 5% 50V
2001 4822 126 13162 56pF 5%N 50V
2002 4822 126 13161 100nF 10% 25V
2003 4822 124 41576 2.2µF 20% 50V
2004 4822 122 32927 220nF 20% 50V
2004 4822 126 13061 220nF 20% 25V
2005 5322 126 10223 4.7nF 10% 63V
2007 5322 122 31866 6.8nF 10% 63V
2007 5322 126 10223 4.7nF 10% 63V
2008 4822 126 13161 100nF 10% 25V

2008 4822 126 13346 39nF 10% 50V
2009 4822 124 41576 2.2µF 20% 50V
2010 4822 124 40246 4.7µF 20% 63V
2010 4822 124 40433 47µF 20% 25V
2011 5322 122 32286 3.3pF 5% 50V
2012 4822 122 33177 10nF 20% 50V
2013 4822 126 13161 100nF 10% 25V
2014 4822 126 13161 100nF 10% 25V
2015 4822 124 41643 100µF 20% 16V
2017 4822 126 13161 100nF 10% 25V

2018 4822 122 32646 5.6nF 10% 50V
2018 4822 126 13161 100nF 10% 25V
2020 5322 122 33537 1.2pF 5% 63V
2021 5322 122 33063 2.2pF 5% 50V
2100 5322 124 41431 22µF 20% 35V
2101 5322 124 41431 22µF 20% 35V
2106 5322 126 10223 4.7nF 10% 63V
2107 4822 124 41576 2.2µF 20% 50V
2108 5322 126 10223 4.7nF 10% 63V
2200 4822 122 33219 1.8nF 10% 50V

2201 4822 051 10008 0R00 5% 0.25W

Main carrier [A/B/C/D]

Various

▲	4822 265 30389	2P male vert yellow
	4822 267 41113	3P female hor white
	4822 267 40794	3P female vert grey WTB
	4822 267 31694	3P female hor blue
	4822 265 30499	3P female black
	4822 264 40207	3P male vert WTB
▲	4822 265 30877	3P male vert
	4822 267 40696	3P male vert white
	4822 267 40666	3P male vert blue
	4822 264 40239	3P male vert green
	4822 265 30378	4P male vert WTB
	4822 267 40699	4P male vert red
	4822 290 40293	5P male vert green
	4822 267 30546	6P female vert grey
	4822 265 30582	6P female hor black
	4822 265 40421	6P male vert WTB
	4822 267 50621	7P male vert white
▲	4822 267 60243	21P scarf
▲	4822 502 13712	Screw 12x3
	4822 492 70143	Cristal 10x33
	4822 256 91879	Holder
▲	4822 256 92053	Fuse holder
	4822 466 30395	Shield µC
	4822 492 70871	Spring fix IC
-1000	4822 210 10436	U944C/IEC
1000	4822 210 10611	UV916M-VHF/UH F
1240▲	4822 252 51174	Fuse 1.6A
1242▲	4822 252 51174	Fuse 1.6A
1300	4822 242 81807	Cristal 8,867570MHz
1301	4822 242 70304	Cristal 8,867238 MHz
1534▲	4822 252 51172	Fuse 3.15A
1559▲	4822 252 51173	Fuse 1A
1563	4822 526 10405	BEAD
1564	4822 526 10405	Bead
1580▲	4822 252 51174	Fuse 1.6A
1600▲	4822 070 32502	Fuse 2.5A
1601▲	4822 252 51175	Fuse 2.5A
1640	4822 526 10405	Bead
1641	4822 526 10405	Bead
1642	4822 526 10405	Bead
1643	4822 526 10405	Bead
1702	4822 242 81841	Cristal 8MHz
1702	4822 242 81946	Cristal 8MHz (29°)
-II-		
2001	4822 124 40214	1000µF 20% 25V
2002	4822 122 31797	22nF 10% 63V
2003	4822 122 33496	100nF 10% 63V
2005▲	4822 124 40196	220µF 20% 16V
2010	4822 124 40248	10µF 20% 63V
2010	4822 124 41579	10µF 20% 50V
2012	4822 122 31768	180pF 2% 63V
2231▲	4822 124 41525	100µF 20% 25V
2232	4822 122 31797	22nF 10% 63V
2236	4822 122 31644	2.2nF 10% 63V
2236	4822 122 31784	4.7nF 10% 50V
2236	5322 122 31647	1nF 10% 63V
2237	4822 122 31947	100nF 20% 63V
2238	4822 122 32153	1.8nF 10% 63V
2238	4822 122 33498	2.7nF 10% 63V
2238	5322 122 31647	1nF 10% 63V
2239	4822 122 31947	100nF 20% 63V
2240	4822 124 40214	1000µF 20% 25V
2240	4822 124 42449	2200µF 20% 25V
2241	5322 121 42386	100nF 5% 63V
2242	4822 124 40214	1000µF 20% 25V
2242	4822 124 42449	2200µF 20% 25V
2243	4822 121 41856	22nF 5% 250V
2245	4822 121 41856	22nF 5% 250V
2246	4822 124 41596	22µF 20% 50V
2248	4822 124 40849	330µF 20% 16V
2249	4822 122 31797	22nF 10% 63V
2252	4822 121 41857	10nF 5% 250V
2253	4822 121 41857	10nF 5% 250V
2254	4822 121 51252	470nF 5% 63V
2255	4822 121 51252	470nF 5% 63V
2256	4822 122 32142	270pF 2% 63V
2257	4822 122 32142	270pF 2% 63V
2258	4822 121 51252	470nF 5% 63V
2259	4822 121 51252	470nF 5% 63V
2260	4822 122 31116	2.2nF 10% 500V

2261	4822 122 31116	2.2nF 10% 500V
2300	4822 122 32482	22pF 2% 63V
2301	4822 122 32999	2.2nF 5%
2301	5322 126 13457	2200pF 2% 63V
2303	4822 122 31768	180pF 2% 63V
2304	4822 122 31773	560pF 2% 63V
2304	4822 122 32999	2.2nF 5%
2304	5322 126 13457	2200pF 2% 63V
2305	4822 126 10324	33pF 2% 63V
2306	4822 122 31965	220pF 2% 63V
2307	4822 122 33496	100nF 10% 63V
2308	4822 122 31797	22nF 10% 63V
2309	4822 122 31971	10pF 2% 63V
2310	4822 121 41857	10nF 5% 250V
2310	4822 121 42408	220nF 5% 63V
2311	4822 122 33496	100nF 10% 63V
2312	4822 121 41857	10nF 5% 250V
2312	4822 121 42408	220nF 5% 63V
2313	4822 125 50045	1p8-22p 250V
2314	5322 121 42661	330nF 5% 63V
2314	5322 122 32818	2.2nF 10% 100V
2315	4822 122 31825	27pF 2% 63V
2316	4822 122 33496	100nF 10% 63V
2319▲	4822 122 32442	10nF 50V
2321	4822 122 31797	22nF 10% 63V
2322	4822 122 31797	22nF 10% 63V
2323	4822 122 32542	47nF 10% 63V
2325	4822 122 31965	220pF 2% 63V
2325	4822 122 32542	47nF 10% 63V
2326	4822 122 31839	82pF 2% 63V
2328▲	4822 122 32442	10nF 50V
2329▲	4822 122 32442	10nF 50V
2330	4822 122 33496	100nF 10% 63V
2331	4822 122 33496	100nF 10% 63V
2332	4822 122 33496	100nF 10% 63V
2333	4822 122 33496	100nF 10% 63V
2334	4822 122 33496	100nF 10% 63V
2336	4822 122 31797	22nF 10% 63V
2337	4822 122 31797	22nF 10% 63V
2338	4822 122 31797	22nF 10% 63V
2339	4822 122 33496	100nF 10% 63V
2340	4822 122 31797	22nF 10% 63V
2341	4822 122 31797	22nF 10% 63V
2342	4822 122 33496	100nF 10% 63V
2343	4822 122 33496	100nF 10% 63V
2344	4822 122 33496	100nF 10% 63V
2345	4822 122 31797	22nF 10% 63V
2348▲	4822 124 40196	220µF 20% 16V
2349	5322 122 31647	1nF 10% 63V
2350▲	4822 124 40433	47µF 20% 25V
2351	4822 122 31797	22nF 10% 63V
2352	5322 122 31647	1nF 10% 63V
2353	4822 122 33496	100nF 10% 63V
2354	4822 124 40242	1µF 20% 63V
2355	4822 124 40849	330µF 20% 16V
2356	4822 122 31797	22nF 10% 63V
2357	4822 122 31797	22nF 10% 63V
2358	4822 122 31797	22nF 10% 63V
2359	4822 122 31765	100pF 2% 63V
2360	4822 122 33496	100nF 10% 63V
2361	4822 122 33496	100nF 10% 63V
2362	4822 122 33496	100nF 10% 63V
2363	4822 122 31765	100pF 2% 63V
2365	5322 121 42661	330nF 5% 63V
2366	4822 124 40248	10µF 20% 63V
2366	4822 124 41579	10µF 20% 50V
2367	4822 124 40753	6.8µF 20% 63V
2368	4822 126 13094	1µF 20% 63V
2369	4822 121 51252	470nF 5% 63V
2370	4822 121 42408	220nF 5% 63V
2374	4822 122 31772	47pF 2% 63V
2378	4822 122 33496	100nF 10% 63V
2385	4822 122 31772	47pF 2% 63V
2386	4822 122 33481	1800pF 2% 63V
2451	4822 122 33496	100nF 10% 63V
2453	5322 124 41431	22µF 20% 35V
2455	4822 122 31773	560pF 2% 63V
2455	5322 122 31647	1nF 10% 63V
2456	4822 124 40242	1µF 20% 63V
2457	4822 122 33496	100nF 10% 63V
2458	4822 121 42937	2.7nF 1% 250V
2459	4822 122 33496	100nF 10% 63V
2460	4822 122 31781	1500pF 10% 50V
2460	4822 122 32566	3.9nF 10% 63V
2460	4822 122 33498	2.7nF 10% 63V
2460	5322 122 33446	3.3nF 10% 63V
2461	5322 122 31647	1nF 10% 63V
2462	4822 122 31797	22nF 10% 63V
2464	4822 122 33496	100nF 10% 63V
2465	4822 124 40198	470µF 20% 16V
2466	4822 124 40248	10µF 20% 63V
2466	4822 124 41579	10µF 20% 50V
2467	4822 122 33496	100nF 10% 63V
2468	4822 124 22652	2.2µF 20% 50V

2469	4822 124 41596	22µF 20% 50V
2470	4822 122 31772	47pF 2% 63V
2471	5322 121 42661	330nF 5% 63V
2473	5322 121 42661	330nF 5% 63V
2475	5322 122 31647	1nF 10% 63V
2476▲	4822 122 32442	10nF 50V
2500	4822 122 31773	560pF 2% 63V
2501	4822 122 33481	1800pF 2% 63V
2502	5322 124 41381	22µF 20% 50V
2503▲	4822 122 32442	10nF 50V
2505	4822 122 32542	47nF 10% 63V
2506	4822 124 80065	1000µF 20% 50V
2507	4822 122 31797	22nF 10% 63V
2509	4822 121 51319	1µF 10% 63V
2524	4822 124 42167	4.7µF 20% 50V
2539	4822 124 40198	470µF 20% 16V
2543	4822 122 31784	4.7nF 10% 50V
2544	4822 122 32183	56nF 10% 50V
2545▲	4822 126 12274	1500pF 10% R(HR) 2KV
2545	4822 126 13154	1.2nF 10% R(HR) 3KV
2546▲	4822 121 70434	11nF 5% 1.6KV
2546▲	4822 121 70538	13nF 5% 1.6KV
2546▲	4822 121 70545	7.5nF 5% 1.6KV
2547▲	4822 121 40488	22nF 10% 400V
2547▲	4822 121 42934	27nF 10% 400V
2547▲	5322 121 44219	47nF 10% 400V
2548	4822 121 41856	22nF 5% 250V
2549▲	4822 121 42074	470 nF 10% 400V
2550▲	4822 121 42365	330nF 5% 250V
2550▲	4822 121 51528	470nF 5% 250V
2550▲	5322 121 44128	680nF 10% 250V
2551	4822 124 80069	1µF 20% 160V
2552	4822 122 33496	100nF 10% 63V
2559	4822 124 80059	100µF 20% 25V
2560▲	4822 121 51408	33nF 10% 250V
2561	4822 126 13372	120pF 2% 100V
2570	4822 124 80071	22µF 20% 160V
2574	4822 122 30057	2.7nF 10% 100V
2580	4822 124 80061	1000µF 20% 25V
2588	4822 051 10008	0R00 5% 0.25W
2590	5322 121 42498	680nF 5% 63V
2600▲	4822 121 70285	470nF 10% 250V
2605	4822 124 23492	220µF 50% 385V
2605▲	4822 124 80728	150µF 20% 385V
2607▲	4822 121 51469	1nF 400V
2607▲	4822 126 13474	2.2nF 20% 400V
2608	4822 122 31965	220pF 2% 63V
2612	5322 122 31647	1nF 10% 63V
2617	4822 121 51252	470nF 5% 63V
2617	4822 121 51319	1µF 10% 63V
2620	5322 121 42465	68nF 5% 63V
2625	4822 126 13153	1nF 10% R(HR) 3KV
2625	4822 126 13449	1nF 10% 2KV
2626▲	4822 126 12267	470pF 10% R(HR) 2KV
2630	4822 124 23418	47µF 200V
2630	4822 124 42448	100µF 20% 200V
2631	4822 124 23418	47µF 200V
2631	4822 124 42448	100µF 20% 200V
2632▲	4822 126 11382	1nF 10% 1KV
2640	4822 124 42449	2200µF 20% 25V
2640	4822 124 80061	1000µF 20% 25V
2641	4822 124 42449	2200µF 20% 25V
2641	4822 124 80061	1000µF 20% 25V
2652	5322 122 32331	1nF 10% 100V
2653	5322 122 32331	1nF 10% 100V
2658	5322 122 32338	82nF 10% 63V
2660	4822 124 80061	1000µF 20% 25V
2672	5322 124 41379	2.2µF 20% 50V
2675	4822 124 80064	680µF 20% 50V
2675	4822 124 80065	1000µF 20% 50

3368	4822 116 52175	100Ω 5% 0.5W	3545	4822 113 80668	330Ω 5% 5W	3775	4822 051 10101	100Ω 2% 0.25W	6483A	4822 130 30621	1N4148
3369	4822 116 52175	100Ω 5% 0.5W	3545	4822 113 80676	220Ω 5% 5W	3776	4822 051 10562	5k6 2% 0.25W	6503	4822 130 42488	BYD33D
3370A	4822 051 10472	4k7 2% 0.25W	3546	4822 116 52206	120Ω 5% 0.5W	3779	4822 116 83864	10k 5% 0.5W	6504	4822 130 80446	LL4148
3371	4822 051 10332	3k3 2% 0.25W	3546	4822 116 52213	180Ω 5% 0.5W	3780A	4822 051 10103	10k 2% 0.25W	6505	4822 130 80446	LL4148
3375	4822 051 10109	10Ω 2% 0.25W	3546	4822 116 52217	270Ω 5% 0.5W	3781A	4822 051 10472	4k7 2% 0.25W	6542	4822 130 81222	LLZ-C15
3376	4822 051 10109	10Ω 2% 0.25W	3548	4822 116 52175	100Ω 5% 0.5W	3791	4822 051 10122	1k2 2% 0.25W	6542	4822 130 82345	LLZ-C22
3380	4822 051 10101	100Ω 2% 0.25W	3549	4822 050 21203	12k 1% 0.6W	3792	4822 051 10122	1k2 2% 0.25W	6546A	4822 130 83342	BY228-RAP15/10
3381	4822 051 10101	100Ω 2% 0.25W	3550	4822 050 21203	12k 1% 0.6W	3793	4822 051 10122	1k2 2% 0.25W	6547A	4822 130 41602	BYW95C/20
3385	4822 051 10102	1k 2% 0.25W	3551A	4822 050 25601	560Ω 1% 0.6W	3794	4822 116 52215	220Ω 5% 0.5W	6549A	4822 130 31983	BAT85
3450	4822 116 52238	12k 5% 0.5W	3552A	4822 050 25601	560Ω 1% 0.6W	3850	4822 116 52201	75Ω 5% 0.5W	6551	4822 130 42489	BYD33G
3451	4822 116 52175	100Ω 5% 0.5W	3553A	4822 052 10561	560Ω 5% 0.33W	3851A	4822 116 83953	75Ω 5% 0.125W	6560	4822 130 80446	LL4148
3453	4822 116 52251	18k 5% 0.5W	3560	4822 116 52244	15k 5% 0.5W	3852A	4822 116 83953	75Ω 5% 0.125W	6561	4822 130 30864	BZX79-C68
3454	4822 050 11002	1k 1% 0.4W	3560	4822 116 52271	33k 5% 0.5W	3853A	4822 116 83953	75Ω 5% 0.125W	6563A	4822 130 80915	BYD74C
3455	4822 051 10122	1k2 2% 0.25W	3561	4822 051 10332	3k3 2% 0.25W	3854A	4822 116 83953	75Ω 5% 0.125W	6570	4822 130 42489	BYD33G
3456A	4822 051 10103	10k 2% 0.25W	3561	4822 051 10682	6k8 2% 0.25W	3855	4822 116 52201	75Ω 5% 0.5W	6571	4822 130 42488	BYD33D
3457	4822 116 83726	27k 5% 0.125W	3561	4822 051 20222	2k2 5% 0.1W	3856	4822 116 52175	100Ω 5% 0.5W	6580	4822 130 80791	BYV28-200/20
3458	4822 117 11455	7k87 1%	3570A	4822 052 10688	60Ω 5% 0.33W	3860	4822 116 80176	1Ω 5% 0.5W	6585	4822 130 42489	BYD33G
3459	4822 116 52304	82k 5% 0.5W	3588A	4822 052 10271	270Ω 5% 0.33W	3861	4822 051 10159	15Ω 2% 0.25W	6590	4822 130 80881	LLZ-C33
3460	4822 116 52271	33k 5% 0.5W	3589A	4822 052 10271	270Ω 5% 0.33W	3862	4822 116 52218	300Ω 5% 0.5W	6591A	4822 130 30621	1N4148
3461	4822 100 10436	22k CARB LIN 0.1W	3590	4822 116 52272	330Ω 5% 0.5W	3863	4822 051 10223	2k2 5% 0.25W	6592	4822 130 81144	LLZ-C30
3462	4822 116 52257	22k 5% 0.5W	3591	4822 051 10682	6k8 2% 0.25W	3864	4822 051 20222	2k2 5% 0.1W	6592	4822 130 82345	LLZ-C22
3463	4822 116 52251	18k 5% 0.5W	3592	4822 051 10681	680Ω 2% 0.25W	3865	4822 116 52284	47k 5% 0.5W	6592	4822 130 82346	LLZ-C27
3464	4822 051 10123	12k 2% 0.25W	3604A	4822 113 80593	1.5Ω 10% 5W	3866	4822 051 10333	33k 2% 0.25W	6610	4822 130 80446	LL4148
3465	4822 051 10394	390k 2% 0.25W	3606A	4822 052 10102	1k 5% 0.33W	3867	4822 116 52283	4k7 5% 0.5W	6611A	5322 130 80442	BZV85-C16
3466	4822 051 10681	680Ω 2% 0.25W	3610A	4822 052 10688	60Ω 5% 0.33W	3868	4822 051 10394	390k 2% 0.25W	6612	4822 130 42488	BYD33D
3467	4822 053 20275	2M7 5% 0.25W	3610A	4822 052 10828	8Ω 2% 0.33W	3872	4822 051 10102	1k 2% 0.25W	6615	4822 130 80446	LL4148
3467	4822 053 20335	3M3 5% 0.25W	3616A	4822 050 24708	4Ω 1% 0.6W	3886A	4822 051 10472	4k7 2% 0.25W	6617	4822 130 31456	BZV85-C5V1
3467	4822 053 20395	3M9 5% 0.25W	3616A	4822 157 52265	COIL	3887	4822 050 11002	1k 1% 0.4W	6621	4822 130 42488	BYD33D
3468	4822 051 10682	6k8 2% 0.25W	3617	4822 116 52213	180Ω 5% 0.5W	3888	4822 116 52289	5k6 5% 0.5W	6622A	4822 130 30621	1N4148
3469	4822 051 10229	22Ω 2% 0.25W	3619	4822 116 52182	15Ω 5% 0.5W	3890A	4822 051 10103	10k 2% 0.25W	6624A	4822 130 31933	1N5061
3470	4822 116 83864	10k 5% 0.5W	3620	4822 053 12121	120Ω 5% 3W	4xxx	4822 051 10008	0Ω 5% 0.25W	6625A	4822 130 31933	1N5061
3471	4822 116 52239	120k 5% 0.5W	3621A	4822 053 12279	27Ω 5% 3W	5001	4822 156 20966	47 μH	6630A	4822 130 33531	BY229F-600
3471	4822 116 52252	180k 5% 0.5W	3621A	4822 053 12479	47Ω 5% 3W	5240	4822 157 53066	15μH	6630A	4822 130 81175	BYD74G
3471	4822 116 52285	470k 5% 0.5W	3622	4822 053 12479	47Ω 5% 3W	5240	4822 157 70826	2.4μH	6640	4822 130 80914	BYD74B
3471	4822 116 83878	270k 5% 0.5W	3626	4822 113 80565	180Ω 5% 5W	5242	4822 157 71401	27μH	6641	4822 130 80914	BYD74B
3473	4822 116 83878	270k 5% 0.5W	3631	4822 050 21204	120k 1% 0.6W	5242	4822 157 70826	2.4μH	6661	4822 130 42488	BYD33D
3474	4822 051 10562	5k6 2% 0.25W	3631	4822 050 22204	220k 1% 0.6W	5242	4822 157 71401	27μH	6666	4822 130 34329	BZX79-C43
3475	4822 051 10184	180k 2% 0.25W	3634	4822 051 10272	2k7 2% 0.25W	5242	4822 157 53066	15μH	6666	4822 130 34368	BZX79-C36
3476	4822 051 10104	100k 2% 0.25W	3634	4822 051 10332	3k3 2% 0.25W	5242	4822 157 53066	15μH	6675	4822 130 80914	BYD74B
3477	4822 051 10008	0Ω 5% 0.25W	3635	4822 101 11187	1k 30% LIN 0.1W	5242	4822 157 70826	2.4μH	6697A	4822 130 31631	BYV10-20
3477	4822 051 10228	2Ω 2% 0.25W	3637	4822 116 52175	100Ω 5% 0.5W	5242	4822 157 71401	27μH	6697	4822 130 80914	BYD74B
3478	4822 051 10008	0Ω 5% 0.25W	3659	4822 051 10181	180Ω 2% 0.25W	5301	4822 157 63075	7.95μH	6699A	4822 130 31631	BYV10-20
3478	4822 051 10478	4Ω 2% 0.25W	3675	4822 116 52239	120k 5% 0.5W	5303	4822 157 70827	33μH	6699	4822 130 80914	BYD74B
3479	4822 116 52219	330Ω 5% 0.5W	3675	4822 116 52284	47k 5% 0.5W	5534A	4822 157 62771	Coil 90°	6704	4822 130 80446	LL4148
3480	4822 050 11002	1k 1% 0.4W	3677	4822 051 10108	1Ω 5% 0.25W	5534A	4822 158 10728	Coil 110°	6705	4822 130 80905	LLZ-F5V1
3481	4822 116 52283	4k7 5% 0.5W	3678	4822 116 52283	4k7 5% 0.5W	5541A	4822 157 63078	Driver transformer	6708	4822 130 81145	LLZ-F2V4
3482	4822 116 52283	4k7 5% 0.5W	3682A	4822 053 10561	560Ω 5% 1W	5545A	4822 140 10499	LOT-21"-90°	6709	4822 130 34142	BZX79-S33
3483A	4822 052 10339	33Ω 5% 0.33W	3700	4822 116 52257	22k 5% 0.5W	5545A	4822 140 10501	LOT	6860	4822 130 82334	BAS85
3484	4822 051 20183	18k 5% 0.1W	3706A	4822 051 10103	10k 2% 0.25W	5545A	4822 140 10503	25"/28"BLS/16/9	6861A	4822 130 30621	1N4148
3485	4822 051 10682	6k8 2% 0.25W	3707	4822 051 10101	100Ω 2% 0.25W	5545A	4822 140 10503	LOT 21"-110°	6862	4822 130 80446	LL4148
3486	4822 051 10192	1k8 2% 0.25W	3708A	4822 051 10103	10k 2% 0.25W	5545A	4822 140 10515	LOT 29"-superflat	7003	4822 130 42133	BC817
3487	4822 116 52231	820Ω 5% 0.5W	3708	4822 051 10123	12k 2% 0.25W	5549A	4822 157 53069	Balance coil	7200	5322 130 42136	BC848C
3488	4822 051 10471	470Ω 2% 0.25W	3708	4822 051 10223	22k 2% 0.25W	5554A	4822 156 50097	Linearity LC90	7201	5322 130 42136	BC848C
3489	4822 051 10008	0Ω 5% 0.25W	3709	4822 116 52283	4k7 5% 0.5W	5554A	4822 156 50097	Linearity AT4042	7202	5322 130 42136	BC848C
3490	4822 116 52296	6k8 5% 0.5W	3710	4822 051 10104	100k 2% 0.25W	5563A	4822 157 51462	10μH	7240	4822 209 73853	TDA1521/N4
3501	4822 051 10229	22Ω 2% 0.25W	3718	4822 116 52215	220Ω 5% 0.5W	5582	4822 157 70826	2.4μH	7243	4822 130 42513	BC858C
3501	4822 051 10279	27Ω 2% 0.25W	3721A	4822 051 10103	10k 2% 0.25W	5588A	4822 157 53252	22μH	7244	4822 130 42513	BC858C
3502A	4822 053 10122	1k2 5% 1W	3722A	4822 051 10103	10k 2% 0.25W	5606A	4822 157 53995	100μH	7248	5322 130 42136	BC848C
3502A	4822 053 10272	2k7 5% 1W	3724A	4822 051 10103	10k 2% 0.25W	5619	4822 156 21125	3.9μH	7249	5322 130 42136	BC848C
3503A	4822 052 10128	1Ω 5% 0.33W	3725A	4822 051 10103	10k 2% 0.25W	5619	4822 157 53139	4.7μH	7301	5322 130 42136	BC848C
3503A	4822 052 101684	4Ω 2% 0.33W	3727	4822 116 52217	270Ω 5% 0.5W	5625A	4822 146 31062	Power trafo 21"	7302	4822 130 42513	BC858C
3504	4822 100 11684	100Ω 10% 0.1W	3728	4822 116 52175	100Ω 5% 0.5W	5625A	4822 148 81401	Power trafo 25"/28"/29"/21"-110°	7303	4822 130 40855	BC337
3505	4822 051 10471	470Ω 2% 0.25W	3729	4822 051 10911	910Ω 2% 0.25W	5630	4822 157 70826	2.4μH	7304	5322 130 42718	BFS20
3506	4822 051 10334	330k 2% 0.25W	3730	4822 051 10221	220Ω 2% 0.25W	5631	4822 157 71401	27μH	7305	4822 209 30389	TDA4510/V8
3506	4822 051 10474	470k 2% 0.25W	3732	4822 053 11103	10k 5% 2W	5631	4822 158 10551	27μH	7306	4822 209 33671	TDA4657/V2
3507	4822 051 10223	22k 2% 0.25W	3732	4822 053 11332	3k3 5% 2W	5632	4822 157 53066	15μH 10%	7307	4822 209 12635	TDA4665/V3
3507	4822 051 10273	27k 2% 0.25W	3733	4822 050 23902	3k9 1% 0.6W	5675	4822 157 71403	15μH	7308	4822 209 32593	TDA4671/V1
3507	4822 051 10333	33k 2% 0.25W	3734	4822 050 23902	3k9 1% 0.6W	5701	4822 157 53253	27μH	7309	4822 209 37275	TDA4780/V2
3508	4822 051 10228	2Ω 2% 0.25W	3734	4822 116 52283	4k7 5% 0.5W	5703	4822 156 20915	33μH	7310	5322 130 42136	BC848C
3509	4822 051 10228	2Ω 2% 0.25W	3736	4822 116 52175	100Ω 5% 0.5W	9341	4822 157 53575	3μ3	7311	5322 130 42136	BC848C
3510	4822 051 10228	2Ω 2% 0.25W	3737								

Spare parts list / Stüklste / Liste des pièces

7706	5322 130 41982	BC848B
7707	5322 130 41982	BC848B
7708	4822 209 33793	Version 1.0 webas
7708	4822 209 33798	Version 1.0 otp w-nick
7708	4822 209 33827	Version 2.2 nordic
7708	4822 209 33918	Version 2.2 europe
7708	4822 209 52643	Version 2.0 east eur
7708	4822 209 90076	Vers. W1169-1.2
7710	4822 209 32283	ST24C08B
7850	5322 130 42136	BC848C
7860	5322 130 42136	BC848C
7861	5322 130 42136	BC848C
7886	5322 130 42136	BC848C

1005 CRT module [E]

Various

1005	4822 212 31888	CRT module (110° 21")
1005	4822 212 31885	CRT module (110°)
1005	4822 212 31628	CRT module (110° BLS)
1005	4822 212 31629	CRT module (90° NN)
1005	4822 212 31889	CRT module (29°)
1005	4822 212 31886	CRT module (16/9)
1005	4822 212 31887	CRT module (16/9 scavem)
▲	4822 267 51033	1P female
▲	4822 267 31858	1P female
▲	4822 290 40291	3P female
▲	4822 290 40284	3P female green
▲	4822 265 30499	3P female black
▲	4822 267 40794	3P female grey
▲	4822 265 31133	3P male white
▲	4822 267 50824	4P female grey
▲	4822 265 30378	4P male grey
▲	4822 290 40287	5P female green
▲	4822 290 40283	5P male grey
▲	4822 267 51275	7P female white
▲	4822 267 50621	7P male white
▲	4822 290 40295	7P male grey
▲	4822 265 40252	7P female grey
▲	4822 492 70871	Spring
▲	4822 256 91879	Holder
▲	4822 255 70261	CRT holder

-II-

2301	4822 122 31769	18pF 2% 63V
2301	4822 122 31825	27pF 2% 63V
2301	4822 122 32482	22pF 2% 63V
2301	4822 126 10324	33pF 2% 63V
2331	4822 122 31769	18pF 2% 63V
2331	4822 122 31825	27pF 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 31769	18pF 2% 63V
2361	4822 122 31825	27pF 2% 63V
2361	4822 122 32504	15pF 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 100R(HR) 2KV
2434	5322 122 32334	220pF 10% 100V
2435	4822 126 12274	1500pF 100R(HR) 2KV
2436	4822 122 32542	47nF 10% 63V
2520	5322 124 41299	68µF 20% 25V
2521	4822 122 32541	27nF 10% 63V
2521	4822 122 32891	68nF 10% 63V
2522	4822 121 42408	220nF 5% 63V
2522	4822 121 51356	180nF 10% 63V
2522	5322 121 42661	330nF 5% 63V
2523	4822 122 31759	18nF
2523	4822 122 31981	33nF +0.5pF 50V
2526	4822 121 41857	10nF 5% 250V
2526	4822 121 42687	3.3nF 10% 63V
2526	4822 121 43856	4.7nF 5% 250V
2526	4822 121 51093	6.8nF 5% 250V
2531	4822 121 42408	220nF 5% 63V
2531	4822 121 43396	120nF 5% 63V
2531	5322 121 42465	68nF 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 40246	4.7µF 20% 63V
2534	5322 122 31647	1nF 10% 63V
3301	4822 051 10131	130Ω 2% 0.25W
3302	4822 051 10182	1k8 2% 0.25W
3302	4822 051 10302	3k 2% 0.25W
3302	4822 051 10362	3k6 2% 0.25W
3303	4822 051 10242	2k4 2% 0.25W
3303	4822 051 10272	2k7 2% 0.25W
3303	4822 051 20222	2k2 5% 0.1W
3304	4822 116 52239	120k 5% 0.5W
3305	4822 051 10104	100k 2% 0.25W
3305	4822 051 10123	12k 2% 0.25W
3305	4822 051 10154	150k 2% 0.25W
3305	4822 051 10184	180k 2% 0.25W
3305	4822 051 10823	82k 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
3315	4822 051 10823	82k 2% 0.25W
3316	4822 051 10224	220k 2% 0.25W
3316	4822 051 10823	82k 2% 0.25W
3331	4822 051 10131	130Ω 2% 0.25W
3332	4822 051 10182	1k8 2% 0.25W
3332	4822 051 10302	3k 2% 0.25W
3332	4822 051 10362	3k6 2% 0.25W
3333	4822 116 52256	2k2 5% 0.5W
3333	4822 116 52259	2k4 5% 0.5W
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
3362	4822 051 10302	3k 2% 0.25W
3362	4822 051 10362	3k6 2% 0.25W
3364	4822 051 10472	4k7 2% 0.25W
3364	4822 051 10562	5k6 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
3375	4822 051 10823	82k 2% 0.25W
3376	4822 051 10224	220k 2% 0.25W
3376	4822 051 10823	82k 2% 0.25W
3382	4822 051 10102	1k 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
3385	4822 051 10473	47k 2% 0.25W
3391	4822 116 52234	100k 5% 0.5W
3391	4822 116 52284	47k 5% 0.5W
3392	4822 051 10123	12k 2% 0.25W
3392	4822 051 10562	5k6 2% 0.25W
3394	4822 051 10562	5k6 2% 0.25W
3395	4822 051 10122	1k2 2% 0.25W
3395	4822 051 10223	22k 2% 0.25W
3396	4822 051 10104	100k 2% 0.25W
3398	4822 051 10008	0Ω 5% 0.25W
3410	4822 051 10182	1k8 2% 0.25W
3411	4822 116 52222	390Ω 5% 0.5W
3413	4822 116 52222	390Ω 5% 0.5W
3414	4822 051 10439	43Ω 2% 0.25W
3414	4822 116 52193	39Ω 5% 0.5W
3415	4822 116 52222	390Ω 5% 0.5W
3421	4822 051 10154	150k 2% 0.25W
3424	4822 051 20222	2k2 5% 0.1W
3431	4822 052 10181	180Ω 5% 0.33W
3431	4822 052 10271	270Ω 5% 0.33W
3432	4822 052 10129	12Ω 5% 0.33W
3432	4822 052 10229	22Ω 5% 0.33W
3433	4822 052 10108	1Ω 5% 0.33W
3433	4822 052 10128	102 5% 0.33W

3433▲	4822 052 10188	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 10242	2k4 2% 0.25W
3443	4822 051 10272	2k7 2% 0.25W
3443	4822 051 20222	2k2 5% 0.1W
3446	4822 051 10683	68k 2% 0.25W
3447	4822 051 10102	1k 2% 0.25W
3447	4822 051 10471	470Ω 2% 0.25W
3448	4822 051 10008	0Ω 5% 0.25W
3448	4822 051 10152	1k5 2% 0.25W
3450	4822 051 10154	150k 2% 0.25W
3451	4822 051 10122	1k2 2% 0.25W
3452▲	4822 051 10103	10k 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
3457	4822 051 10244	240k 2% 0.25W
3457	4822 051 10334	330k 2% 0.25W
3512	4822 051 10101	100Ω 2% 0.25W
3512▲	4822 051 10103	10k 2% 0.25W
3512	4822 051 10228	22Ω 5% 0.25W
3512	4822 051 10339	33Ω 2% 0.25W
3512	4822 051 10479	47Ω 2% 0.25W
3518▲	4822 051 10103	10k 2% 0.25W
3518	4822 051 10151	150Ω 2% 0.25W
3518	4822 051 10471	470Ω 2% 0.25W
3518	4822 051 10821	820Ω 2% 0.25W
3520	4822 116 52211	150Ω 5% 0.5W
3521	4822 051 10122	1k2 2% 0.25W
3521	4822 100 20171	2k2 10%LIN 0.05W
3521	4822 101 20902	4k7 10%LIN 0.05W
3522	4822 051 10152	1k5 2% 0.25W
3522	4822 051 10272	2k7 2% 0.25W
3522	4822 051 10392	3k9 2% 0.25W
3523	4822 051 10393	39k 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 050 26803	68k 1% 0.6W
3526	4822 050 26804	680k 1% 0.6W
3526	4822 053 20125	1M2 5% 0.25W
3526	4822 053 20155	1M5 5% 0.25W
3527	4822 051 10104	100k 2% 0.25W
3527	4822 051 10154	150k 2% 0.25W
3527	4822 051 10334	330k 2% 0.25W
3527	4822 051 10683	68k 2% 0.25W
3528	4822 051 20222	2k2 5% 0.1W
3529	4822 051 10008	0Ω 5% 0.25W
3529	4822 051 10471	470Ω 2% 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 52233	10k 5% 0.5W
3533	4822 116 52269	3k3 5% 0.5W
3533	4822 116 52303	8k2 5% 0.5W
3533	4822 116 83864	10k 5% 0.5W
3534	4822 051 10124	120k 2% 0.25W
3534▲	4822 052 10828	802 5% 0.33W
3535	4822 051 10008	0Ω 5% 0.25W
3535	4822 051 10474	470k 2% 0.25W
3571	4822 051 10273	27k 2% 0.25W
3572	4822 051 10153	15k 2% 0.25W
3575	4822 051 10182	1k8 2% 0.25W
3578	4822 116 52245	150k 5% 0.5W
3580▲	4822 051 10103	10k 2% 0.25W
4xxx	4822 051 10008	0Ω 5% 0.25W
5401	4822 156 20966	47 µH
5401	4822 157 50964	100µH
5401	4822 157 50965	15µH
5401	4822 157 52392	27µH
5401	4822 157 71404	100µH
5530	4822 152 20559	choke 390µH
6301	4822 130 30842	BAV21
6302	4822 130 81015	LLZ-C10
6303	4822 130 80877	BAV103
6304▲	4822 130 30621	1N4148
6331	4822 130 88797	BAV103
6345	4822 130 82192	LLZ-C8V2
6361	4822 130 30842	BAV21
6383	4822 130 80446	LL4148
6411	4822 130 32831	BZX79-F3V0 (COL)