

- 1 Spoel 5067 kortsluiten. Condensator van 47 nF parallel over condensator 2151. Weerstand van 220 Ω over 1 en 2 van spoel 5072 en over 1 en 2 van spoel 5073.
- 2 Weerstand (220 Ω) over spoel 5073 verwijderen.
- 3 Weerstand (220 Ω) over spoel 5072 verwijderen.
- 4 Kortsluiting van spoel 5067 opheffen.
- 5 Printspoor wat loopt van condensator 2121 naar punt 3 van varicap diode 6096 onderbreken d.m.v. soldeerbrug te openen.
Knooppunt C2121 - R3137 via een condensator van 500 pF aan massa leggen.
- 6 Soldeerbrug dichtmaken. Check de spanningen op A131 (AM varicapspanning) volgens tabel 1.
- 7 Spoel 5062 afregelen zodanig, dat het signaal op $\diamond$ (pin 4 van IC6061) op de nuldoorgang minimaal is.

Display	V-A131 (AM varicap)
LW 150 kHz	$\geq 0,5$ V ...
260 kHz	$\leq 7,5$ V ...
MW 520 kHz	$\geq 0,5$ V ...
1605 kHz	$\leq 8,0$ V ...

Tabel 1

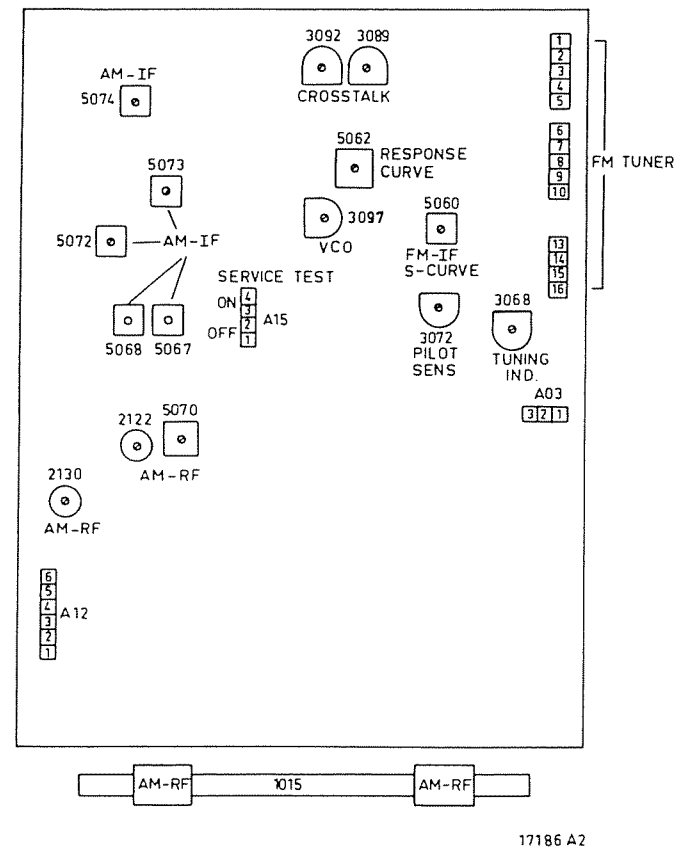
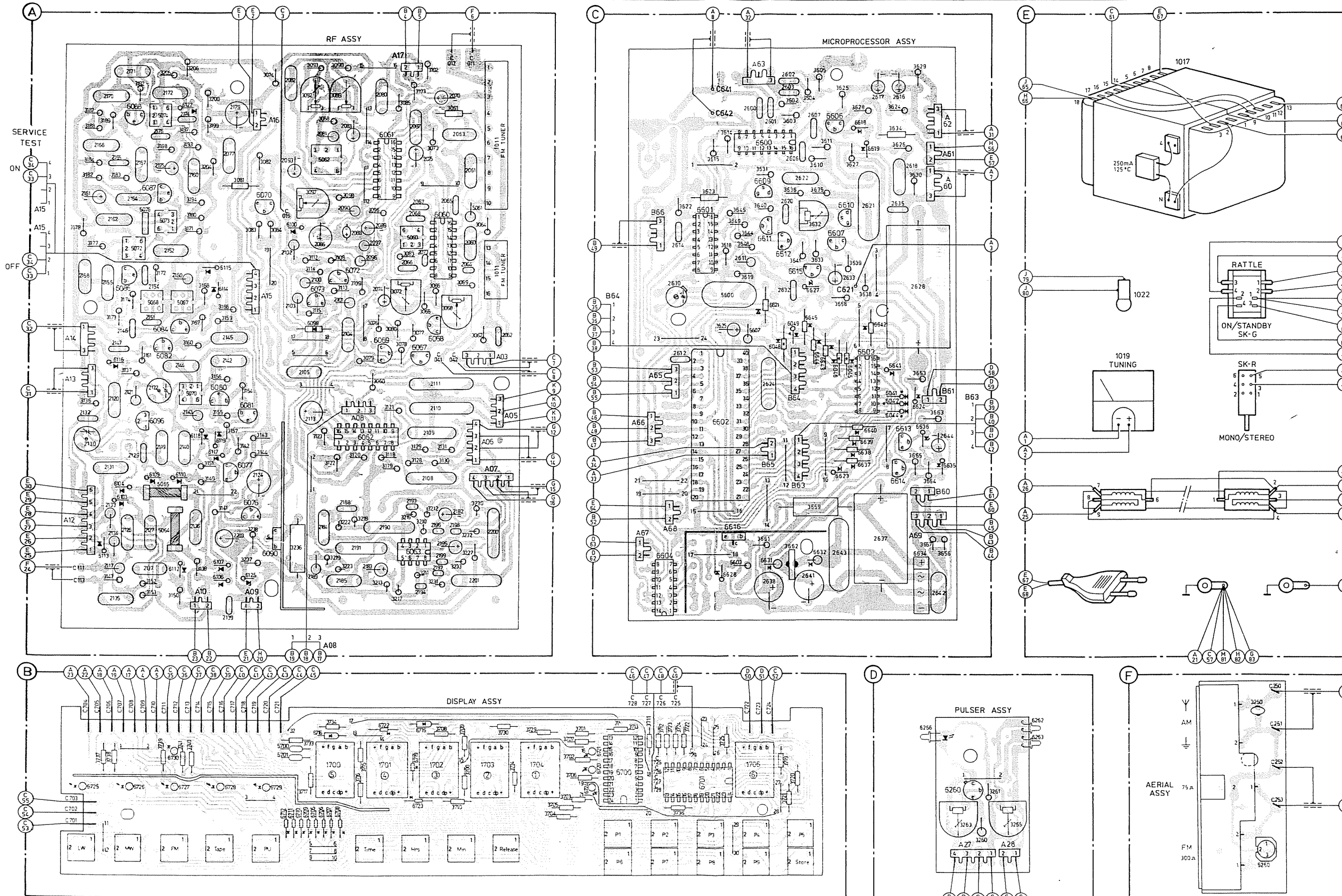


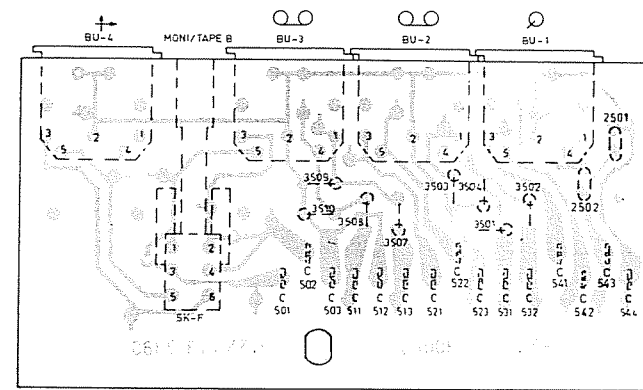
Fig. 4

Wave range	Signal to		Tuning Display	Adjust	Indication	Indication
SK...						
FM (87.5-108 MHz)	100 MHz "S" signal 1 kHz 1 mV		100 MHz	5062		
	100 MHz Multiplex (1 kHz)		100 MHz	3097		Counter 76 kHz $\pm$ 0.3 kHz via 1 M Ω
	100 MHz Pilot+R+ 1 kHz		100 MHz	3089 3092		Min. L
	100 MHz		100 MHz	3072		

Wave range	Signal to		Tuning Display	Adjust	Indication	Indication
SK...						
MW (520-1605 kHz)	/00 452 kHz $\pm$ 1 kHz					
	/15/25 468 kHz $\pm$ 1 kHz					
	$\Delta f = 20$ kHz (50 Hz) via 33 nF					
	520 kHz					
	1605 kHz					
LW (150-260 kHz)	200 kHz		200 kHz	Coil 6,7 of 1015 (ferro coil)		
	550 kHz		550 kHz	Coil 1,2 of 1015 (ferro coil)		
	1500 kHz		1500 kHz	2130		
FM (87.5-108 MHz)	108 MHz $\Delta f = 200$ kHz (50 Hz)		108 MHz	5961 2951 2958		Max. tuning indication V-A031 = 18 V ...
	88 MHz $\Delta f = 220$ kHz (50 Hz)		88 MHz	5954 5956		Max. tuning indication V-A031 = 1.2-1.6 V
	98 MHz $\pm$ 100 kHz $\Delta f = 250$ kHz (50 Hz)		98 MHz	5060		
	88 MHz 1 mV		88 MHz	3068		Tuning indication = 7

MISC	6086-6088 6082 6084 6122 6115 6114										6070	6100 6098 6073 6072		6061 6067-6069		6060	1011	6601 6600 6609 6611 6612 6613 6614 6615 6616 6617 6618 6619										1022	1017		SK-G																															
	6113 6116 6104 6103 6095 6109 6110 6117-6119 6080 6077 6081 6076 6090										6052	6063		6602 6616 6048 6049 6623 6046 6045 6637-6642 6603 6041 6042 6044 6614 6613 6624 6636 6635										6620	6262 6263		1019			SK-R																																
S	6725	6726	6730 6727 6712 6728 6729 6107 6106 6125								6729	6705-6712 6716 1700		6722 1701 6719 6723 6715 1702		1703	1704	6721 6720 6724 6700		6601	6701	6628	1706 6631		6632	6600 6603 6602		2611 2600-2603 2620 2622 2605 2607	2621 2616-2618 2635	2628 2644	2642	3250																														
C	5076 5072-5074 5068 5065 5064 5067 5070										5700 5701 5062		5060		5061		5600 5603 5602																																													
	2161 2162 2164-2167 2170-2172 2174-2176										2150 2077 2179		2082 2093 2086 2081 2083 2088-2090 2096 2097 2080 2066-2068 2067 2075 2073 2070 2063-2065 2061 2060										2614		2614 2600-2603 2620 2622 2605 2607		2621 2616-2618 2635		2628 2644		2642																															
	2159 2129-2132 2155 2147 2146 2119-2122 2154 2150-2152 2140 2142-2145										2136		2100-2105 2113										2074		2108-2111		2062																																			
	2132-2135 2117 2136 2137 2171										2136		2183-2185 2188 2191 2190										2183-2193 2193 2187		2201 2200																																					
R	3187-3189 3182-3184 3192 3205 3206 3197-3200 3193 3194 3204 3081-3084										3074 3097 3093 3092 3088-3090 3098 3096 3085 3103 3102 3073 3061										3112-3115 3108 3109 3118-3123 3060 3076-3080 3062-3066 3068 3069										3622 3623 3619 3614 3645 3648 3613 3610 3626 3636 3608 3611 3635 3624-3630 3634		3619 3644 3648 3649		3651		3662 3659		3658 3639 3638		3653 3663-3665		3657 3656																			
	3178 3136 3177 3172-3174 3137 3161 3160 3170 3156-3168 3159 3154-3157										3147										3149-3153 3138 3141-3144 3236-3238										3219 3222 3223 3216-3218 3210-3213 3218-3131 3230-3233 3227										3708-3710 3700										3730 3714 3729		3701-3707		3711-3713 3736 3722-3725		3719-3721		3263 3260 3261 3265		3250	
	3737 3738										3739-3741										3733 3717 3734 3716 3715																																									





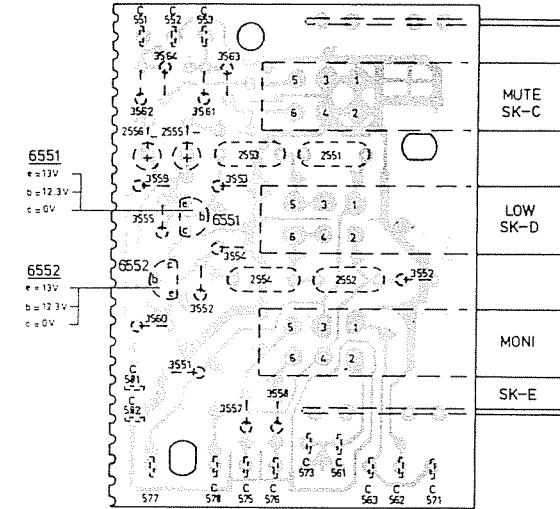
INPUT ASSY

17072A12

Fig. 14

MISC	6552 6551	SK-C D E
C	2255 2255 2253 2254 2551 2522	
R	3559 3555 3561-3564 3560 3551-3554 3557 3558	3552

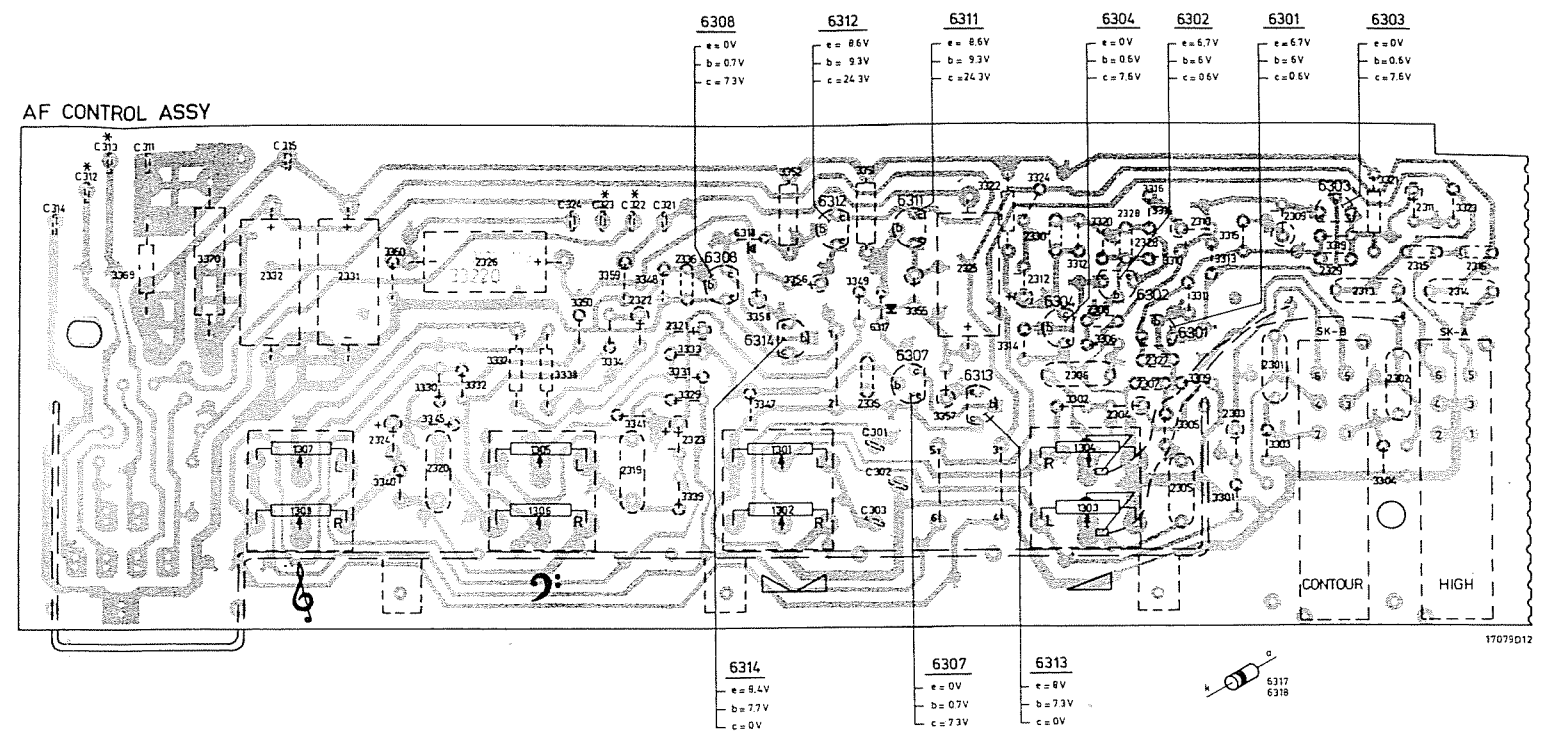
FEATURE ASSY



17073B12

Fig. 15

MISC	6308 6318 6314 6312 6317 6311 6307 6313	6304 6302 6301	SK-B 6303	SK-A
C	2332 2331 2324 2320 2326 2315 2322 2323 2321 2336 2335	2325 2312 2330 2328 2303-2308 2327 2370 2301 2309 2329 2313 2302 2311 2315 2316 2316		
R	3321-3320 3359 3370 3360 3340 3330 3345 3332 3337 3338 3350 3334 3341 3352 3248 3331 3329 3339 3347 3358 3352 3356 3349 3351 3355 3357	3322 3324	3321	3323



17075D12

Fig. 16

MISC	6408 BU-5 1030 6410 SK-T BU-9 6405 BU-8 6402 6416 6417 1031 6418 6401 6405 BU-6 6409 1029 SK-5 BU-7 6407
C	2422 2416 2420 2416 2410 2426 2408 2404 2402 2052 2429-2431 2435 2436 2053 2401 2424 2403 2051 2407 2409 2425 2413 2419 2475 2421
R	3401-3435 3434 3430 3428 3424 3414 3432 3416 3422 3410 3412 3420 3406 3402 3404 3403 3401 3405 3409 3411 3419 3421 3415 3413 3431 3427 3423 3429 3433 3436-3470 3450 3452 3446 3448 3438 3440 3442 3456 3458 3460 3468 3465 3467 3469 3470 3457 3455 3459 3461 3439 347 3447 3445 3451 3449

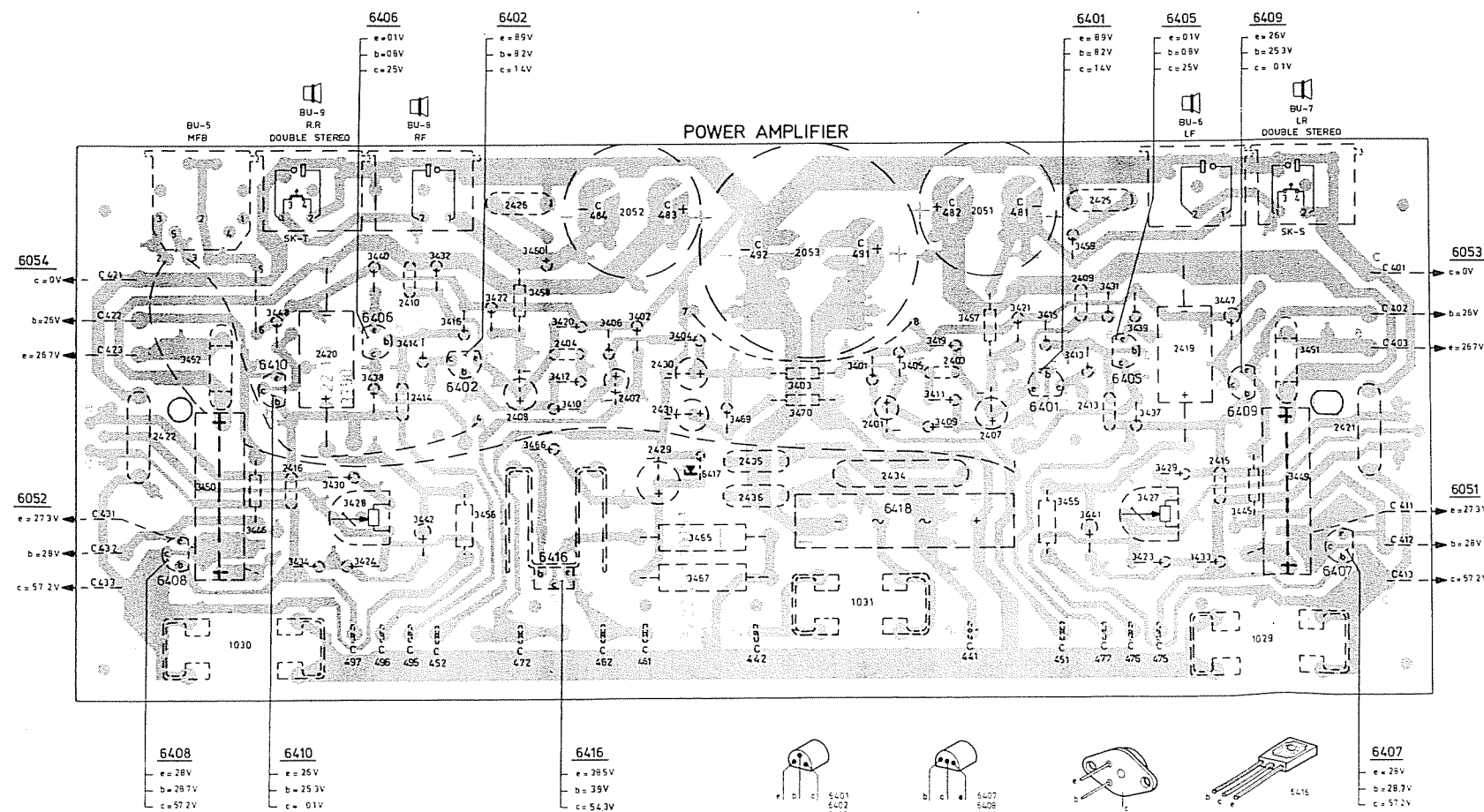


Fig. 17

HEADPHONE ASSY

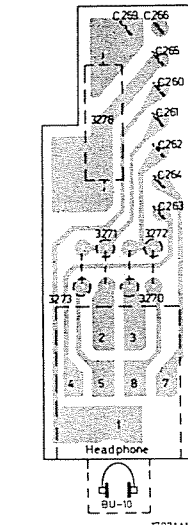


Fig. 18

TRANSISTOR ASSY

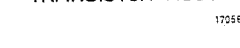


Fig. 19

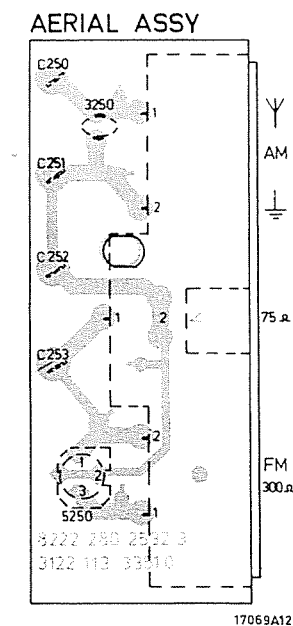
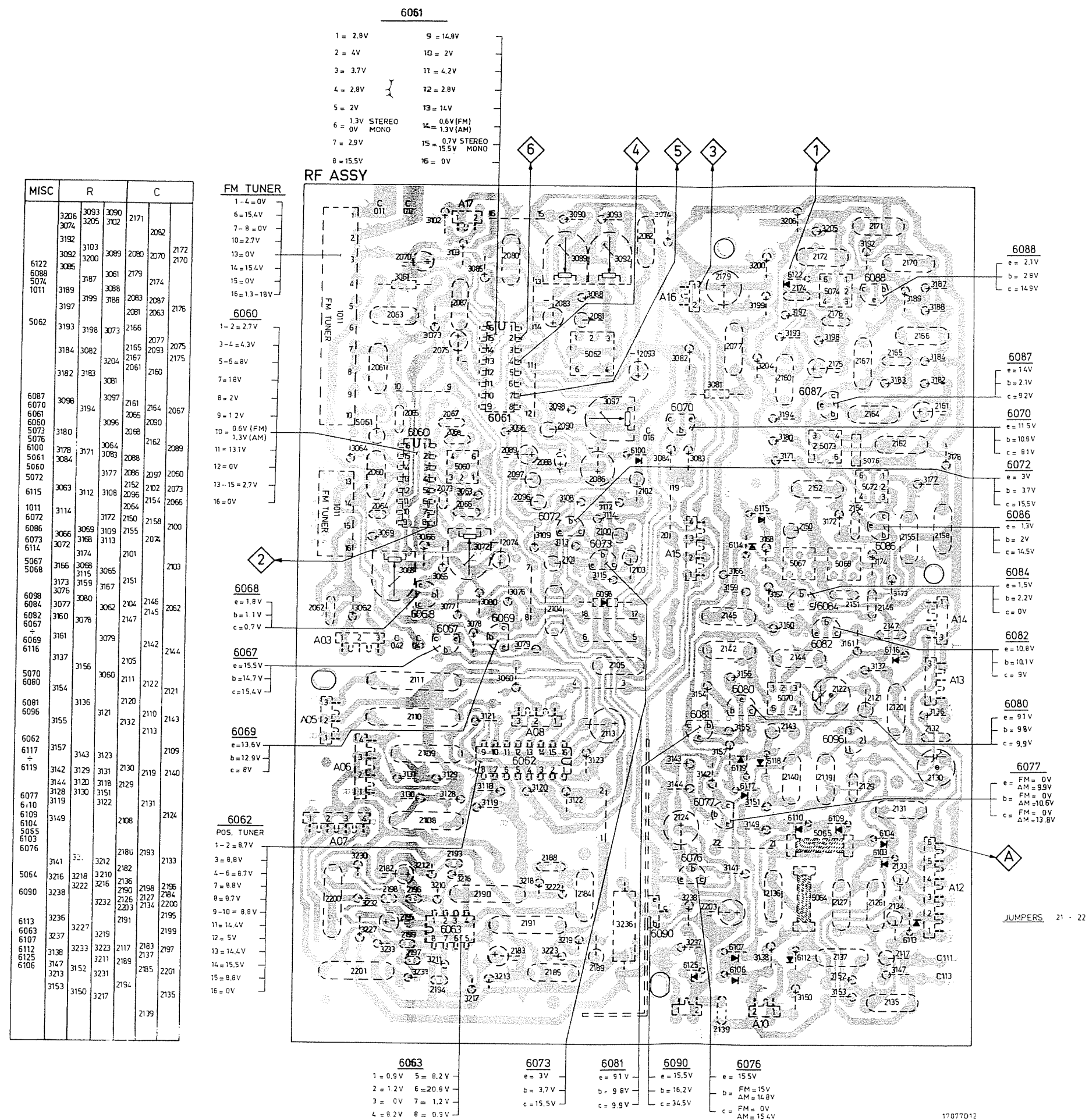


Fig. 8

M	TS 6551										TS 6301										TS 6303										D6317 TS 6307, 6311, 6313										TS 6401										M
M	TS 6552										TS 6302										TS 6304										D6316 TS 6308, 6312, 6314										TS 6402										M
C	2551	2553	2502	2555		2301	2303	2305	2309	2311	2313	2315	2319	2321	2323	2325	2401	2403	2407	2413	2409	2415	2419	2051	2425	C	2552	2554	2556	2302	2304	2306	2310	2312	2314	2316	2320	2322	2324	2326	2402	2404	2408	2414	2416	2418	2420	2052	2426	R	
R	3503	3501			3505	3507	3557				3552	3554	3556	3560	3562	3564	1302	3306	3302	1304	3310	3312	3314	3320	3322	3324	3330	1306	3332	3334	3348	3338	1308	3352	3356	3271	3402	3404	3412	3424	3428	3430	3434	3456	3442	3446	3448	3450	3460	R	
R	3504	3502			3510	3508	3558				3552	3554	3556	3560	3562	3564	1302	3306	3302	1304	3310	3312	3314	3320	3322	3324	3330	1306	3332	3334	3348	3338	1308	3352	3356	3271	3402	3404	3412	3424	3428	3430	3434	3456	3442	3446	3448	3450	3460	R	

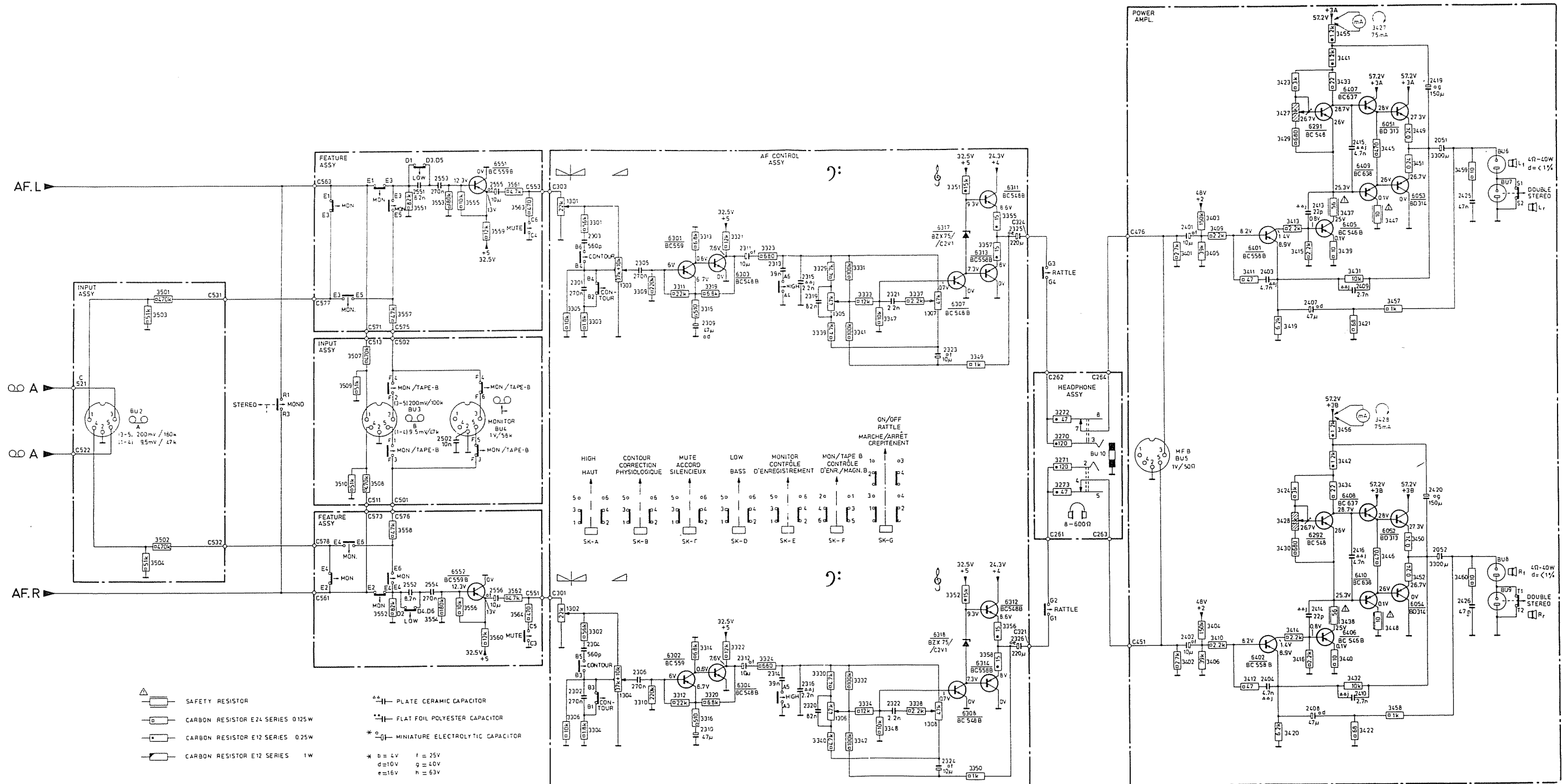


Fig. 13

This is a detailed exploded view diagram of a radio receiver chassis. The diagram shows the internal layout of components, including the front panel, tuner assembly, and various electronic modules. Key components and their callout numbers are as follows:

- Front Panel (1-12):** Includes the main chassis (1), front panel (2), and various mounting brackets and screws (3-12).
- Tuner Assembly (13-25):** Features the FM tuner (13), various capacitors (14-16), and mounting hardware (17-25).
- Electronic Modules (26-45):** Includes modules labeled Bu 1 through Bu 10, along with various capacitors (46-50) and mounting hardware (51-55).
- Power and Control (46-65):** Includes the power supply section (46-50), volume control knob (51), and other control components (52-65).
- Connectors and Cables (66-112):** Shows various connectors (66-75), cables (76-85), and mounting hardware (86-112).

The diagram uses dashed lines to indicate the assembly path and alignment of components. Callout numbers are placed next to each component to identify it.

17199E14

MISC	BU1	BU2	BU3	SK F	BU4	6053	6051	6407	BU7	1029	BU6	6405	6401	6418	1031	6417	6416	6402	BU8	6406	SK-T	BU9	6410	1030	BU5	6408	6054	6052	MISC																								
MISC	BU10		6292	6291	6551	6552		SK-A	SK-B	6303		6301	6302	6304	6313	6311	6307	6317	6312	6314	6318	6308	2429	2431	2052	2402	2404	2426	2408	2414	2410	2420	2416	2422		C																	
C	2501	2502			2552	2553	2555	2421		2415	2419	2425	2413	2409	2407	2051	2403	2434	2401	2053	2435	2436	2336	2321	2323	2319	2326	2320	2324	2331	2332			C																			
C					2551	2554	2556	2313	2316	2311	2302	2319	2309	2301	2303	2310	2327	2304	2308	2328	2330	2312	2325	2335										R																			
R	3278	3502	3501	3504	3503	3507	3508	3509	3510		3451	3449	3455	3447	3436	3437	3431	3413	3459	3415	3421	3457	3419	3411	3405	3401	3403	3470	3469	3465	3467	3404	3402	3406	3412	3458	3460	3422	3416	3432	3414	3440	3438	3430	3448	3446	3450	3452	R				
R	3272	3270	3271	3273		3552		3558	3554	3557	3552	3551	3560	3555		3323	3321	3319	3315	3313	3429	3423	3427	3423	3441	3455	3316	3312	3320	3424	3322		3356	3352	3358	3333	3331	3348	3359	3350	3410	3466	3456		3360	3442	3424	3428	3434		R		
R																	3304		3303	3301	3309	3311	3305	3310	1304	1303	3302	3314	3357	3355	3351	3349	1302	1301	3347	3329	3339	3341	3334	3338	1305	1306	3337	3332	3342	3330	3340	1307	1308	3307	3369		R

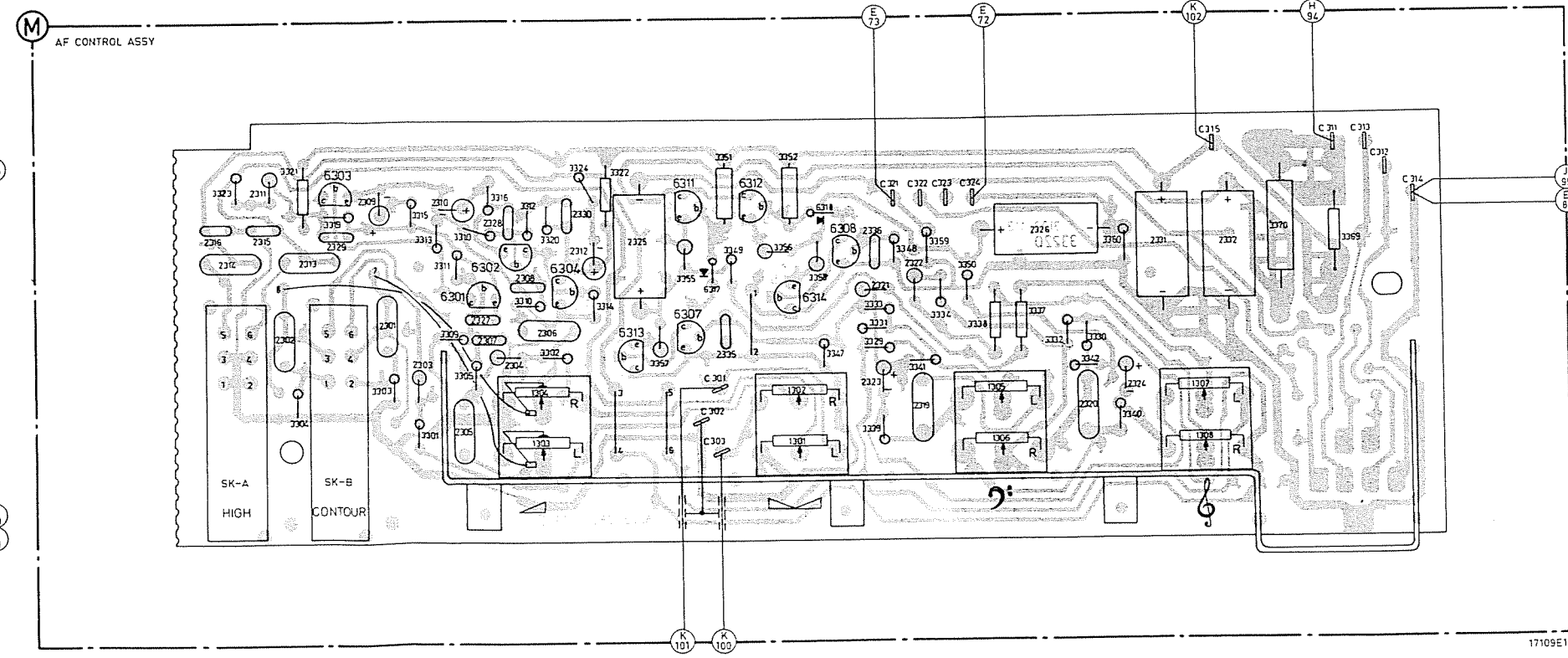
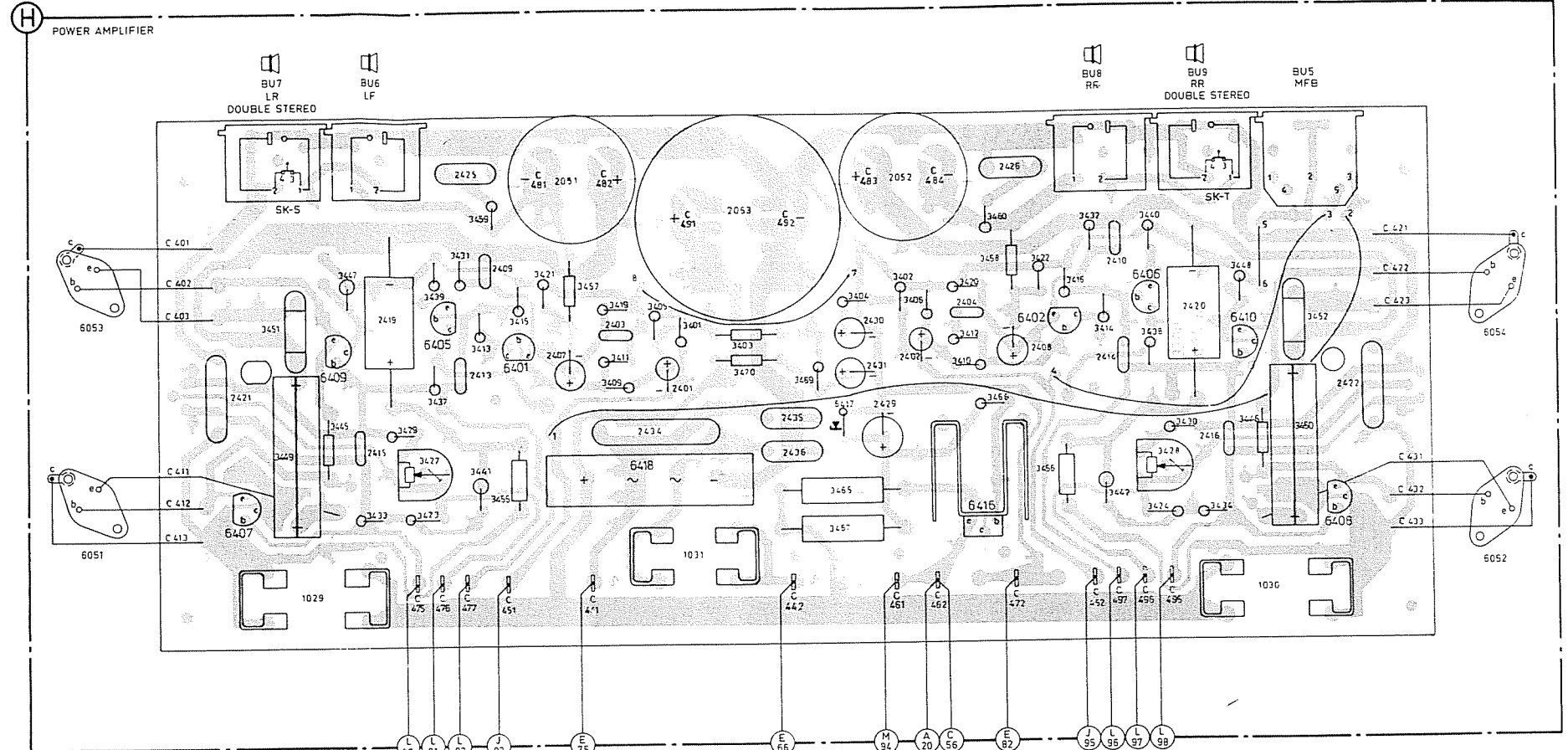
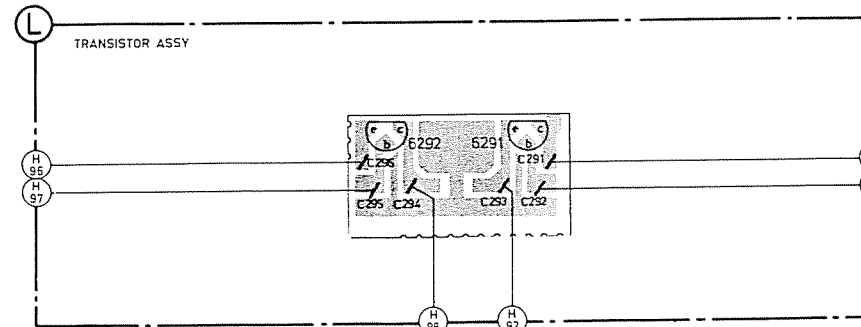
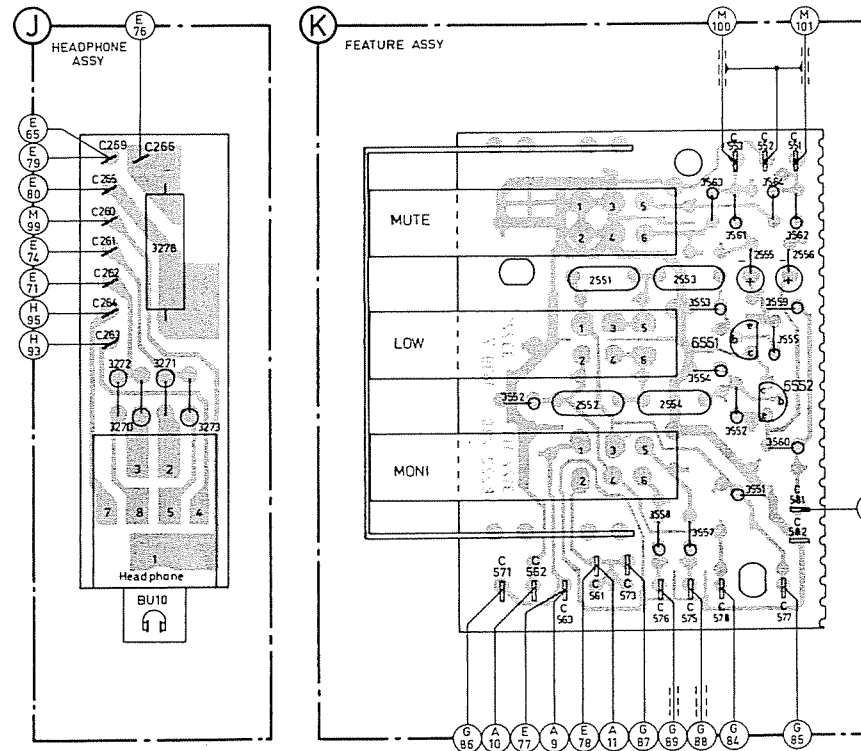
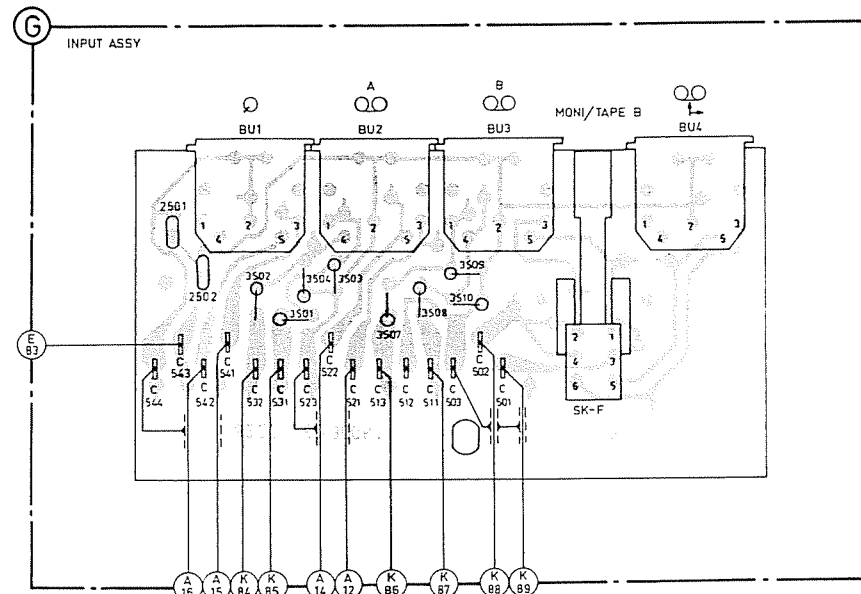


Fig. 21

17109E12

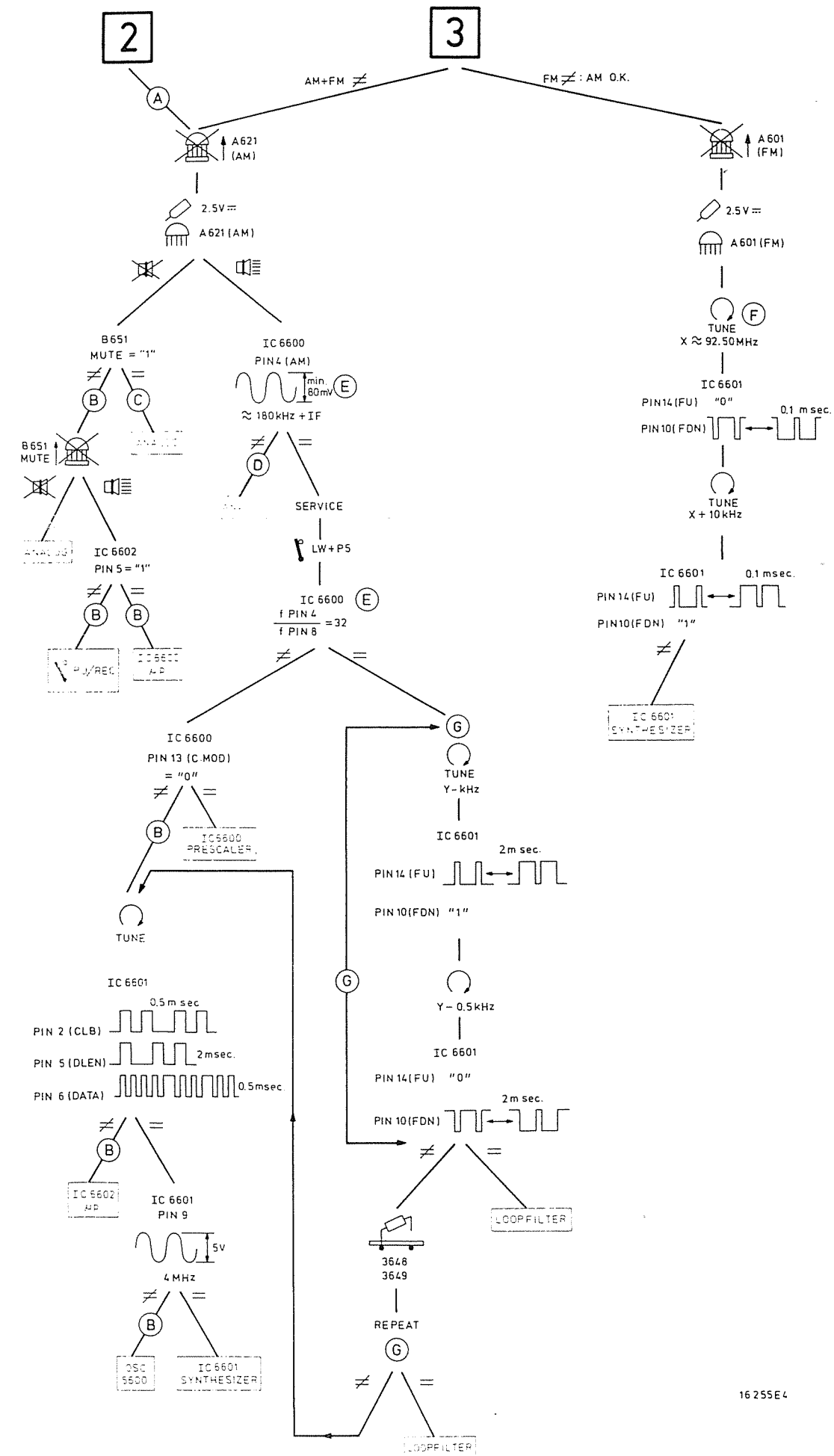
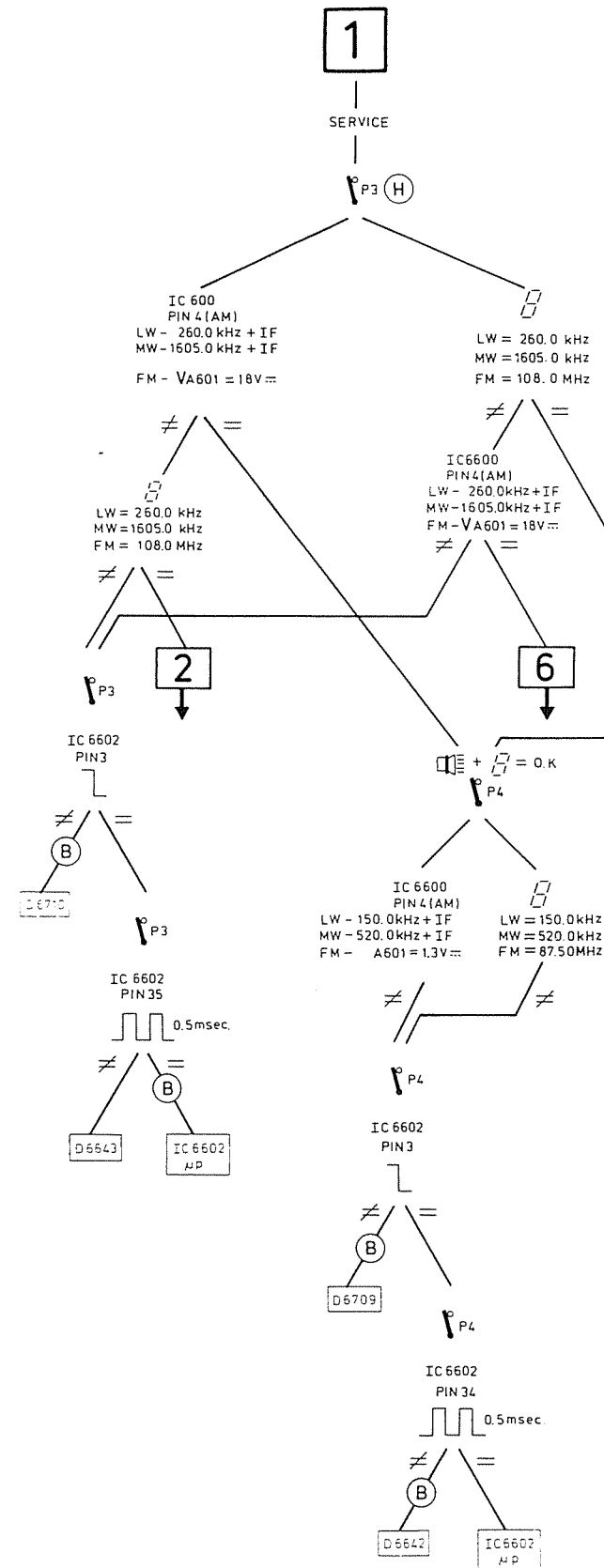
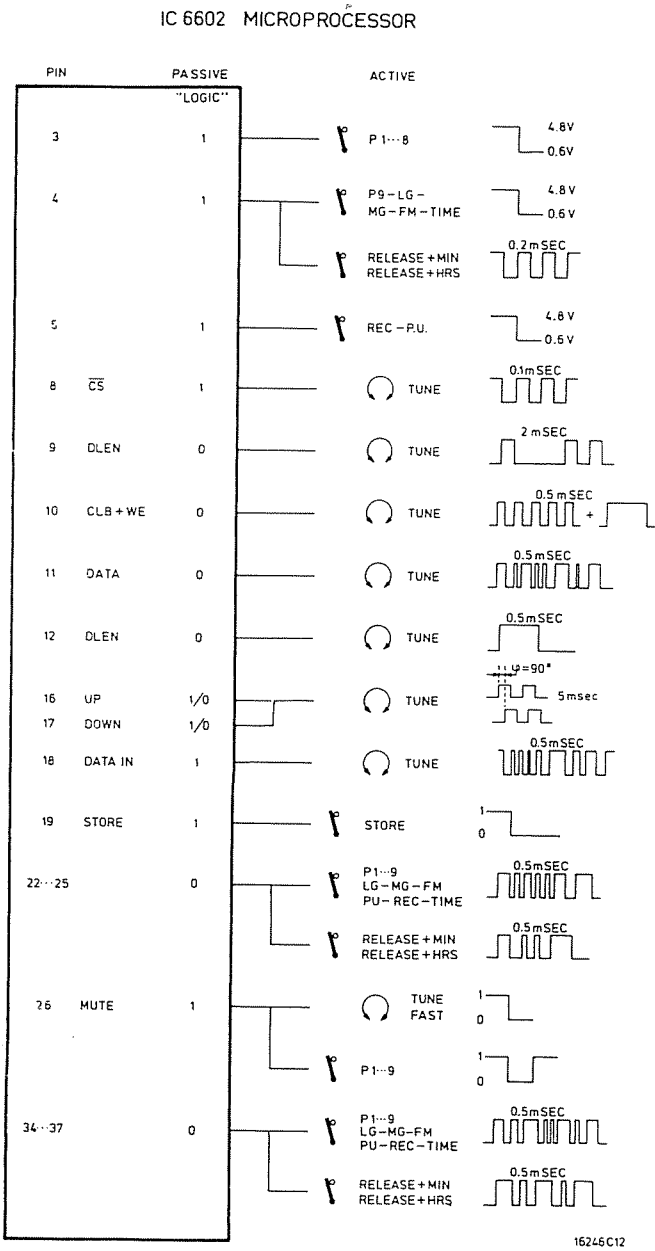


Fig. 22



-IC-		
6060	TCA420A	4822 209 80278
6061	TDA1005A	4822 209 80514
6062	TDA1029	4822 209 80511
6063	NE542N	4822 209 80359
6600	SAA1058A	4822 209 80483
6601	SAA1056P	4822 209 80513
6602	MK3870N/14246	4822 209 80515
6603	HEF4720 VP/S2	4822 209 10044
6604	HEF4093BP	5322 209 14186
6700-6701	SAA1060	4822 209 80512
⊗		
6262-6263	Photo trans. BPW22	5322 130 44754
6609-6610	FET BF245A	5322 130 44499
6260	BC108A	4822 130 40948
6405-6406	BC546B	4822 130 44461
	BC548	4822 130 40938
	BC548B	4822 130 40937
	BC558	4822 130 40941
	BC558B	4822 130 44197
6301-6302	BC559	4822 130 40963
6551-6552	BC559B	4822 130 44358
6407-6408	BC637	4822 130 41041
6409-6410	BC638	4822 130 41087
6090-6616	BD135	4822 130 40645
6416	BD233	5322 130 44281
6086...6088	BF494B-495C-495D	4822 130 40949
6080-6081	BF495	4822 130 40947
6051-6052	BD313	4822 130 41154
6053-6054	BD314	4822 130 41155
▶		
1700...1706	TLG306	4822 130 31132
6096	BB212	4822 130 31129
6103-6104-6116	BA223	4822 130 31145
6125	BZX79/B16	5322 130 34268
6266	CQY89	4822 130 30949
6317-6318	BZX75/C2V1	4822 130 34049
6417	BZX79/C36	5322 130 34098
6418	B80 C5500/3300	4822 130 50311
6627	BZX79/B10	4822 130 34297
6628	BZX79/B5V6	4822 130 34173
6631-6632-6715-6716	BY206	4822 130 30839
6634	BY164	4822 130 30414
6636	BZX79/C4V3	5322 130 30509
6720-6721-6724...6729	CQY54-11 red	4822 130 31128
6730	CQY95 green	4822 130 30923
	BAW62	4822 130 30613

— —		
1015	Ferroceptor	4822 158 60424
1017	Mains transformer	4822 146 60087
5060		4822 156 30546
5061	0.56 μH	4822 157 50966
5062		4822 156 10465
5064-5065	30 mH	4822 152 20493
5067		4822 156 10457
5068		4822 156 10458
5070		4822 156 10459
5072		4822 156 30676
5073		4822 156 30677
5074		4822 153 10293
5076/00	Cer. resonator 452 kHz	4822 242 70255
5076/15/25	Cer. resonator 468 kHz	4822 242 70278
5250		4822 146 30324
5602	15 μH	4822 157 50965
5603-5700 } 5701	100 μH	4822 157 50964
⊗		
1301-1302	Balance 20 kΩ	4822 102 10144
1303-1304	Volume 50 kΩ	4822 102 10142
1305-1308	Bass/treble 50 kΩ	4822 102 10143
3068-3072	10 kΩ	4822 100 10035
3092	2.2 kΩ	4822 100 10029
3097-3632	4.7 kΩ	4822 100 10036
3263	1 kΩ	4822 100 10037
3265	47 kΩ	4822 100 10079
3427-3428	1 kΩ	4822 100 10037
⊗		
3085	Res. 1/4 W - 620 kΩ	4822 110 60182
3098	Metal film - 18 kΩ	5322 116 54638
3250	V.D.R.	4822 116 20073
3278	Wire wound 360 Ω - 4 W	4822 112 20095
3403-3404	Metal film 150 kΩ	5322 116 54713
3405-3406	Metal film 33 kΩ	5322 116 50482
3419-3420	Metal film 6.2 kΩ	5322 116 50608
3431-3432	Metal film 10 kΩ	5322 116 54619
3449-3450	Fuse res. 0.24 Ω	4822 115 90133
3451-3452	Wire wound 0.24 Ω - 2 W	4822 113 60122
3465	Safe res. 22 Ω	4822 111 50346
3662	PTC thermistor 5.6 Ω	4822 116 40026
— —		
2051-2052	3300 μF - 55 V	4822 124 70264
2053	4700 μF - 63 V	4822 124 70198
2088	Tantal 10 μF - 3 V	5322 124 14084
— —		
2617	2.2 μF - 63 V	4822 124 20724
2628	6800 μF - 10 V	4822 124 20774
2637	2200 μF - 16 V	4822 124 20779
— —		
2060-2087-2137	Flat cap. 33 nF - 10 %	4822 121 40411
2063-2104-2105-2158-2164-2170	Flat cap 100 nF - 10 %	4822 121 41161
2064-2132-2133-2139-2146-2147-2600...2603-2606-2607-2614-2620-2632-2635-2080-2119-2120-2140-2147-2152-2160-2162-2166-2171-2172	Plate cap. 22 nF -20+80%	4822 122 30103
2081	Flat cap. 47 nF - 10 %	4822 121 40239
2082-2155-2167	Micropoco 7.5 nF-5 %	5322 121 54149
2090	Flat cap. 10 nF-10 %	4822 121 41134
2096-2097	Micropoco 560 pF-1%	5322 121 54131
2100-2101	Micropoco 2.2 nF-5%	4822 121 50415
2102-2103	Micropoco 5.6 nF-5%	4822 121 50543
2121	Micropoco 330 pF-5%	5322 121 54077
2143	Micropoco 412 pF-1%	4822 121 50528
2150	Micropoco 422 pF-1%	4822 121 50534
2184-2185	Micropoco 3 nF-5%	4822 121 50414
2313-2314-2618	Flat cap. 12 nF-10%	4822 121 40405
2321-2322	Flat cap. 39 nF-10%	4822 121 40413
2434-2643	Micropoco 2.2 nF-1%	4822 121 50415
2501-2502	Plate cap. 220 nF-20%	4822 121 40538
	Plate cap 10 nF-20+50%	5322 122 34041
2551-2552	Flat cap. 8.2 nF-10%	4822 121 40147
2611	Micropoco 160 pF-2%	4822 121 50561
2622	Flat cap. 15 nF-10%	4822 121 40406
2642	Plate cap. 47 nF-10%	4822 121 40525
-Miscellaneous-		
1011	FM tuner	4822 210 10205
1019	Tuning indicator	4822 347 10221
1022	Lamp 6V-100 mA	4822 134 40326
1029-1030	Fuse 3.15 A S	4822 253 30027
1031	Fuse 6.3 A S	4822 253 30031
5600	Quartz crystal 4 MHz	4822 242 70258

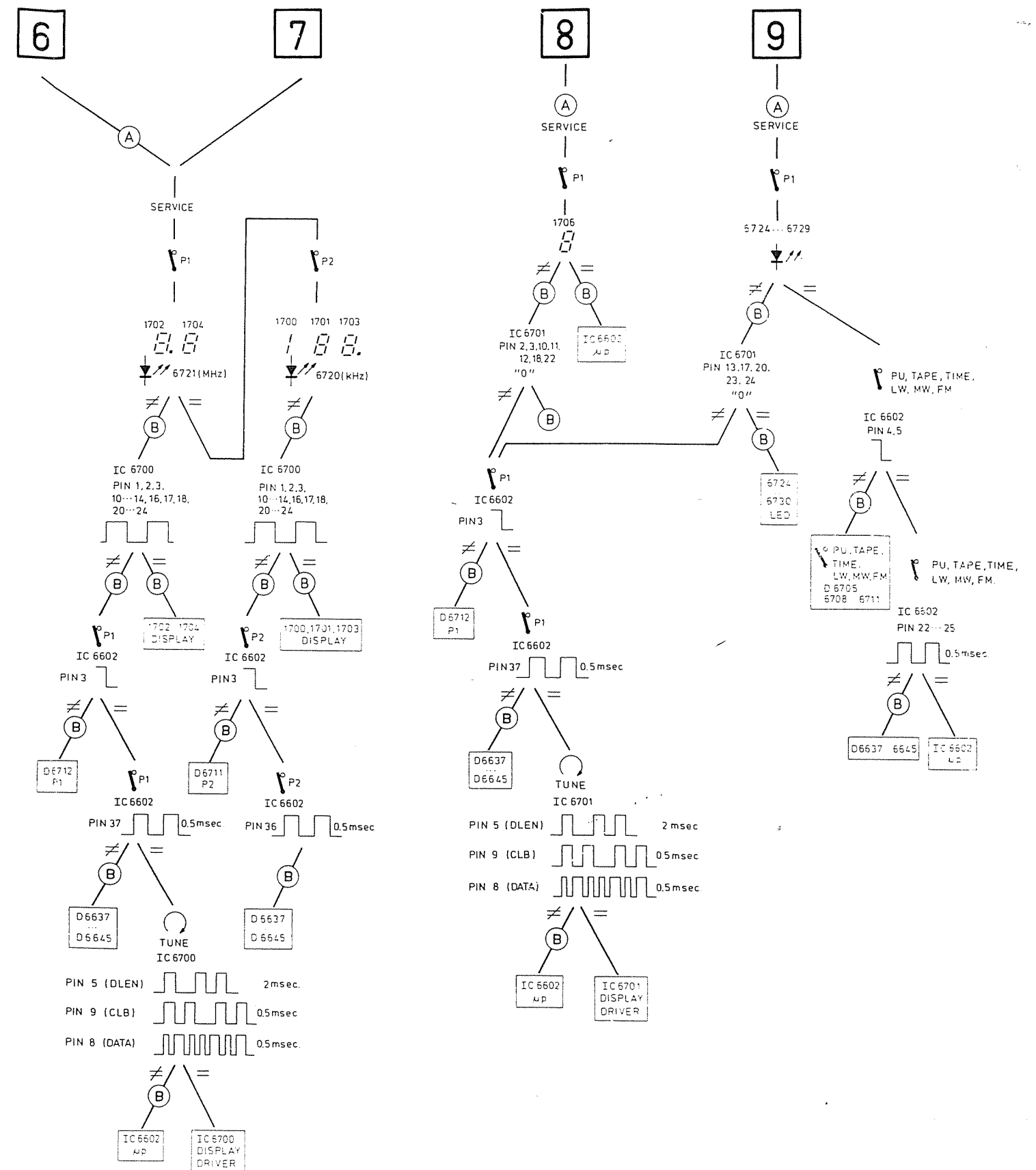
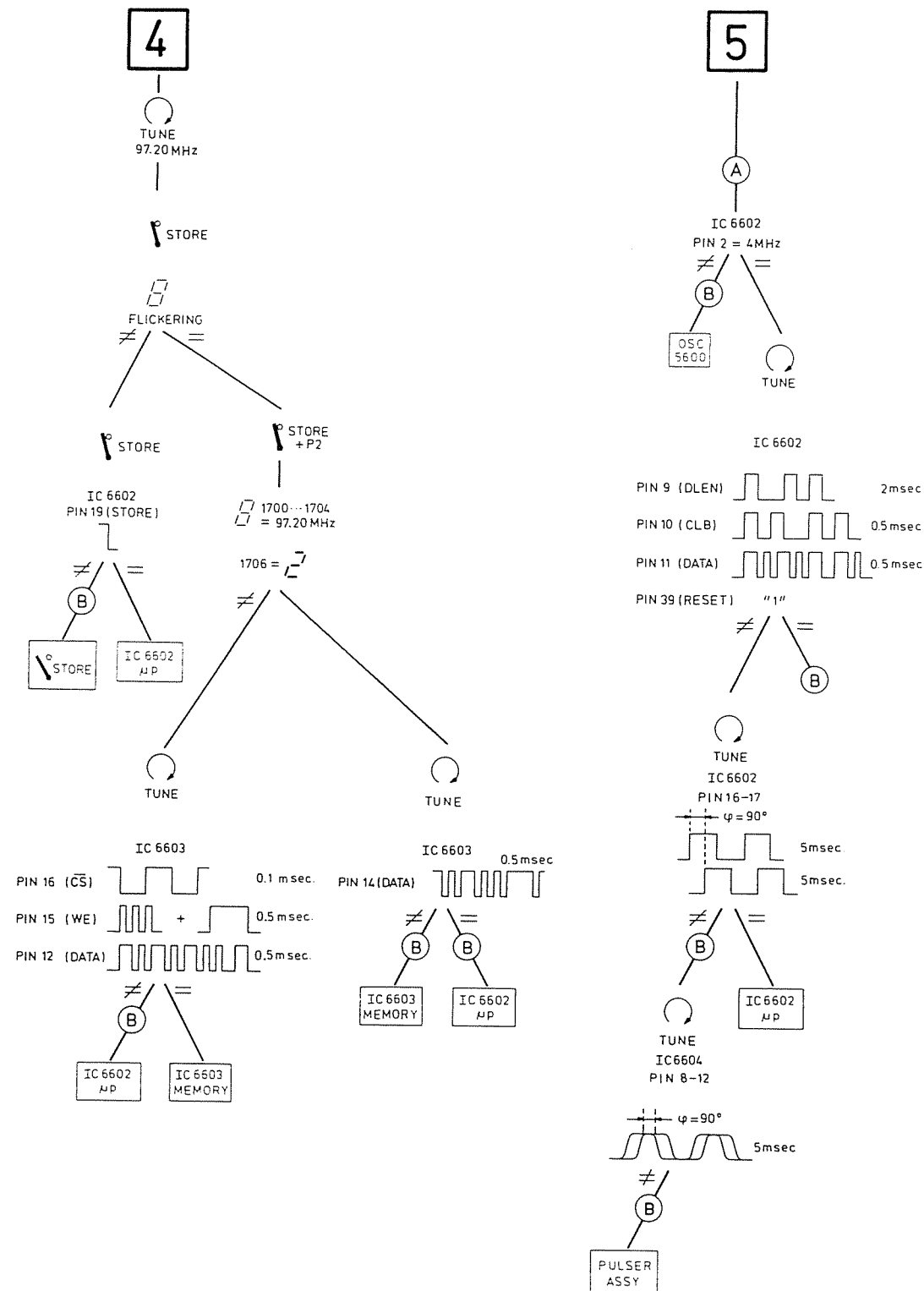


Fig. 24