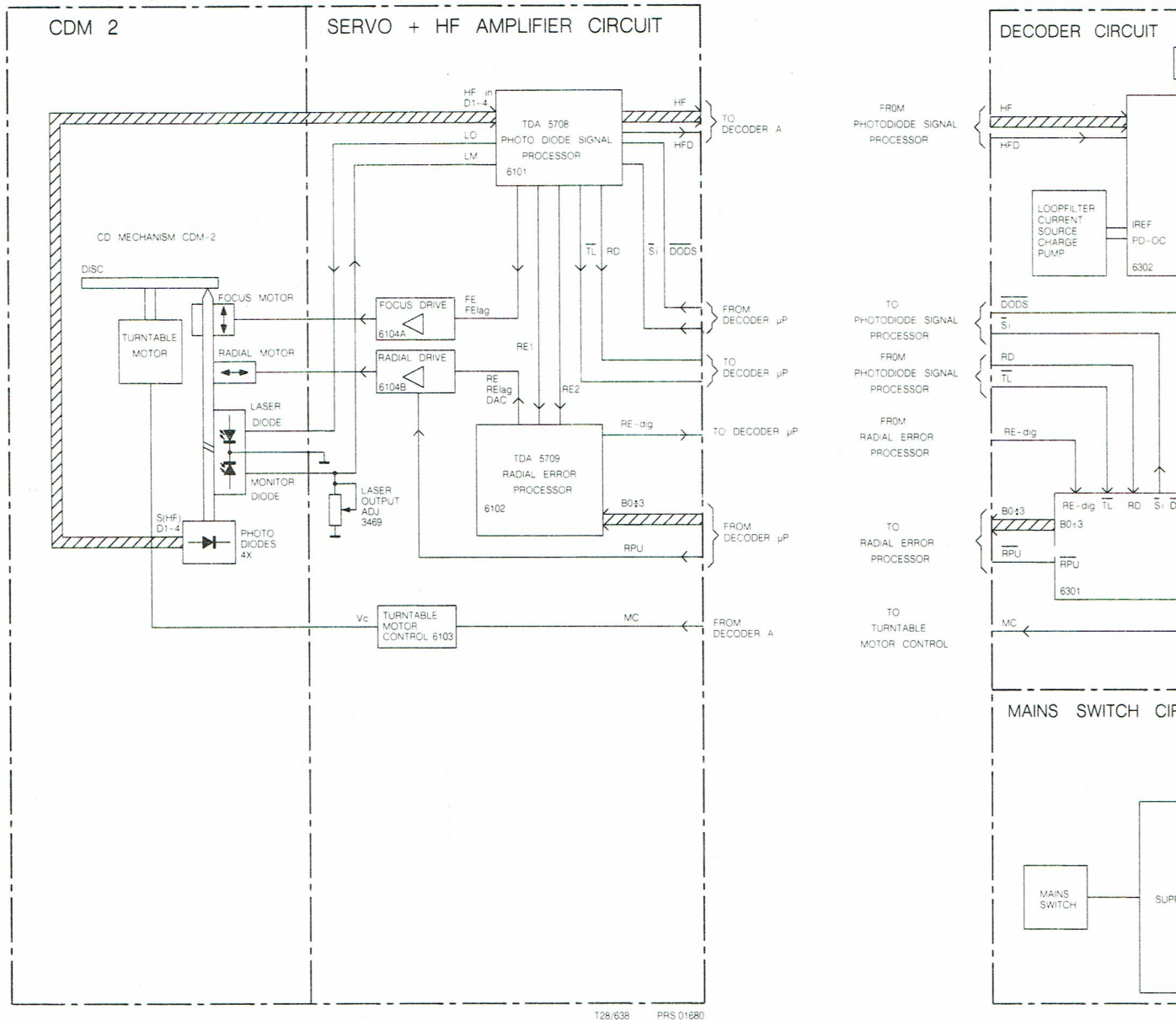


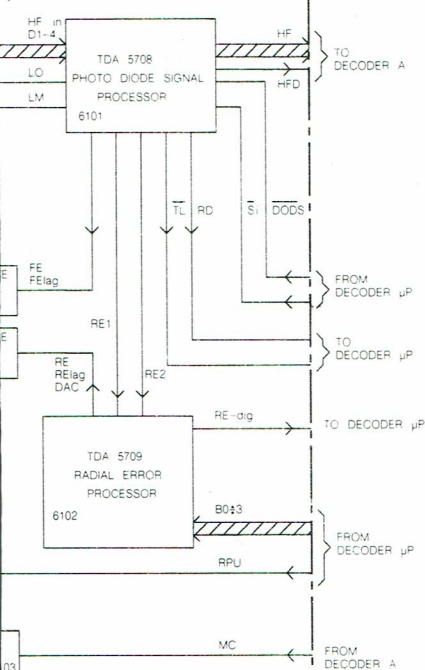
BLOCK DIAGRAM



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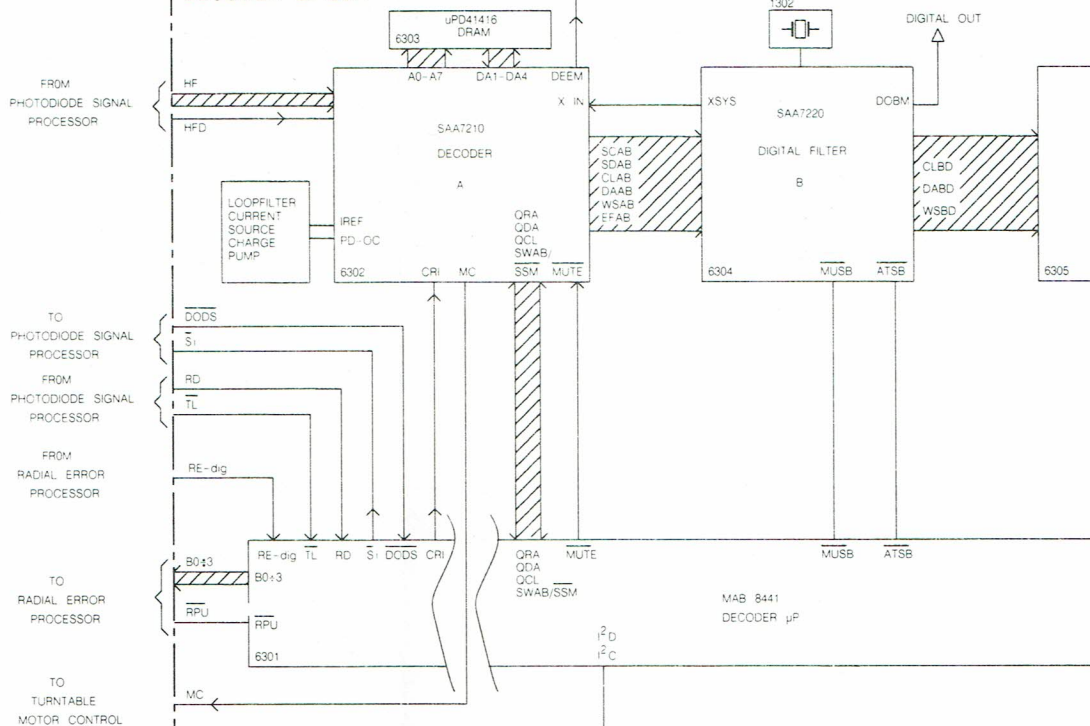
B0-B3	-	Control bits for radial circuit	RE1	-	Radial error signal 1 (summation of amplified currents D_3 and D_4)
DAC	-	Current output for track jumping (Digital to Analogue Converted)	RE2	-	Radial error signal 2 (summation of amplified currents D_1 and D_2)
DODS	-	Drop out detector suppression	RE dig	-	Radial error digital
D1+4	-	Photodiode currents	RE lag	-	Radial error signal for LAG network
FE	-	Focus error signal	RD	-	Ready signal, starting up procedure finished
FE lag	-	Focus error signal for LAG network	RPU	-	Radial puls after track jumping
HF	-	HF output for DEMOD	Si	-	On/off control for laser supply and focus circuit
HFD	-	HF detector output for DEMOD	TL	-	Track loss signal
HF-in	-	HF current input	Vc	-	Control voltage for turntable motor
LM	-	Laser monitor diode input			
LO	-	Laser amplifier current output			
MC	-	Motor control signal			
RE	-	Radial error signal (amplified RE_2 - RE_1 currents)			

HF AMPLIFIER CIRCUIT

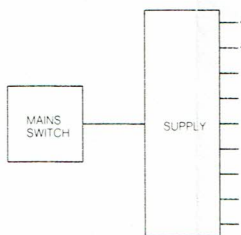


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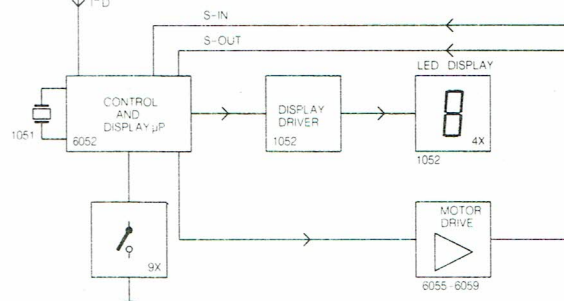
DECODER CIRCUIT



MAINS SWITCH CIRCUIT

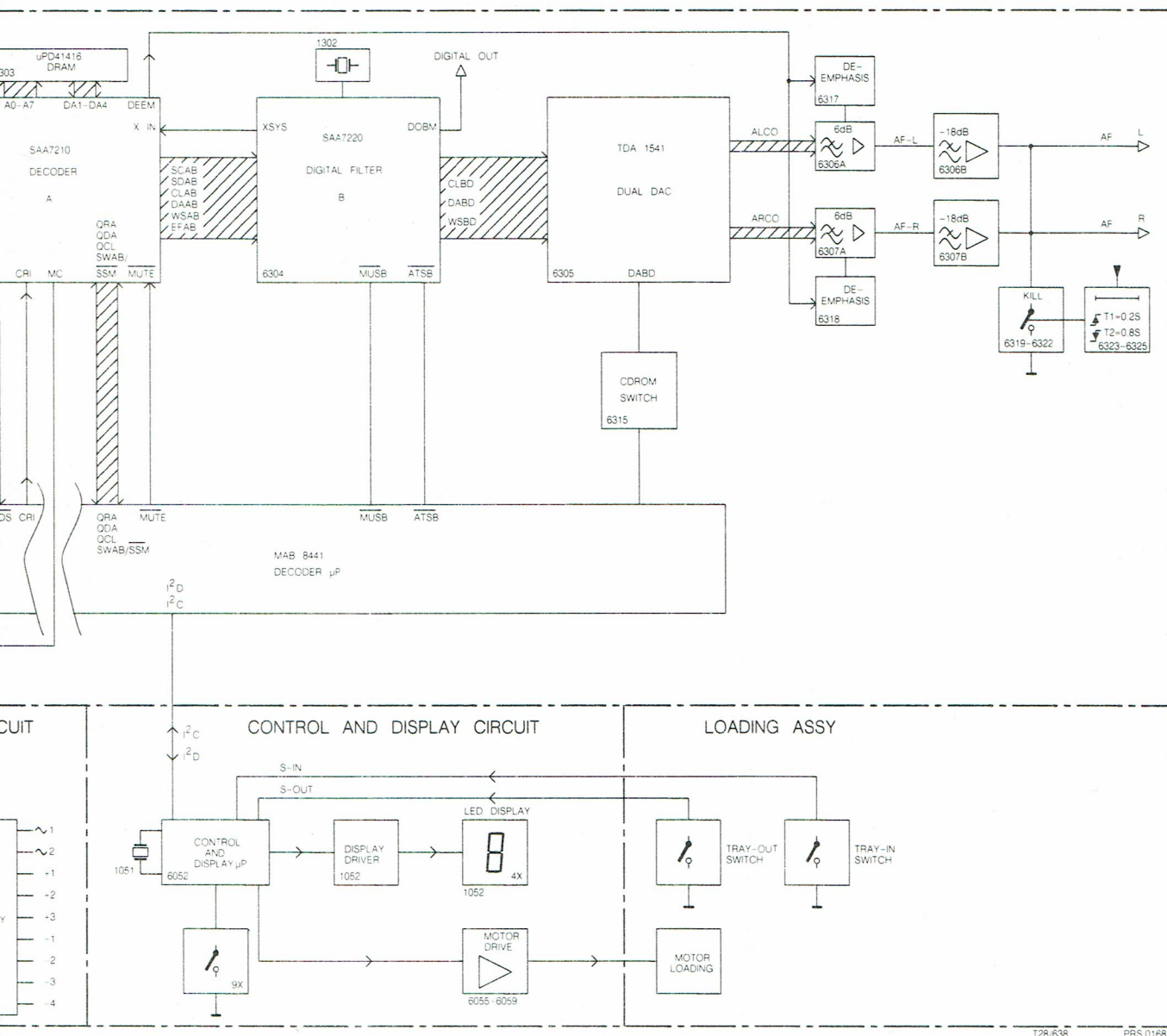


CONTROL AND DISPLAY CIRCUIT



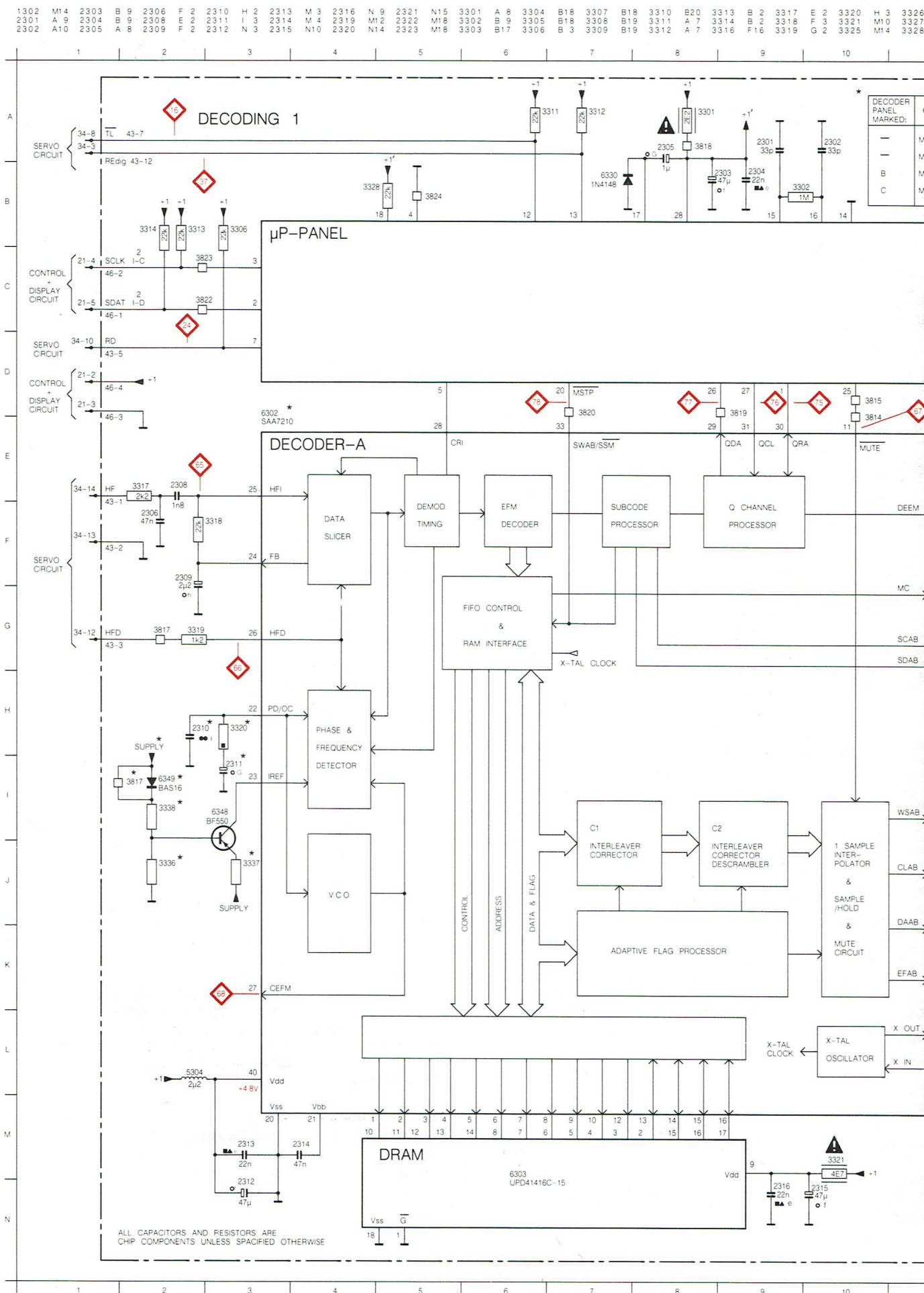
RE1	-	Radial error signal 1 (summation of amplified currents D_3 and D_4)
RE2	-	Radial error signal 2 (summation of amplified currents D_1 and D_2)
RE dig	-	Radial error digital
RE lag	-	Radial error signal for LAG network
RD	-	Ready signal, starting up procedure finished
RPU	-	Radial puls after track jumping
Si	-	On/off control for laser supply and focus circuit
TL	-	Track loss signal
Vc	-	Control voltage for turntable motor

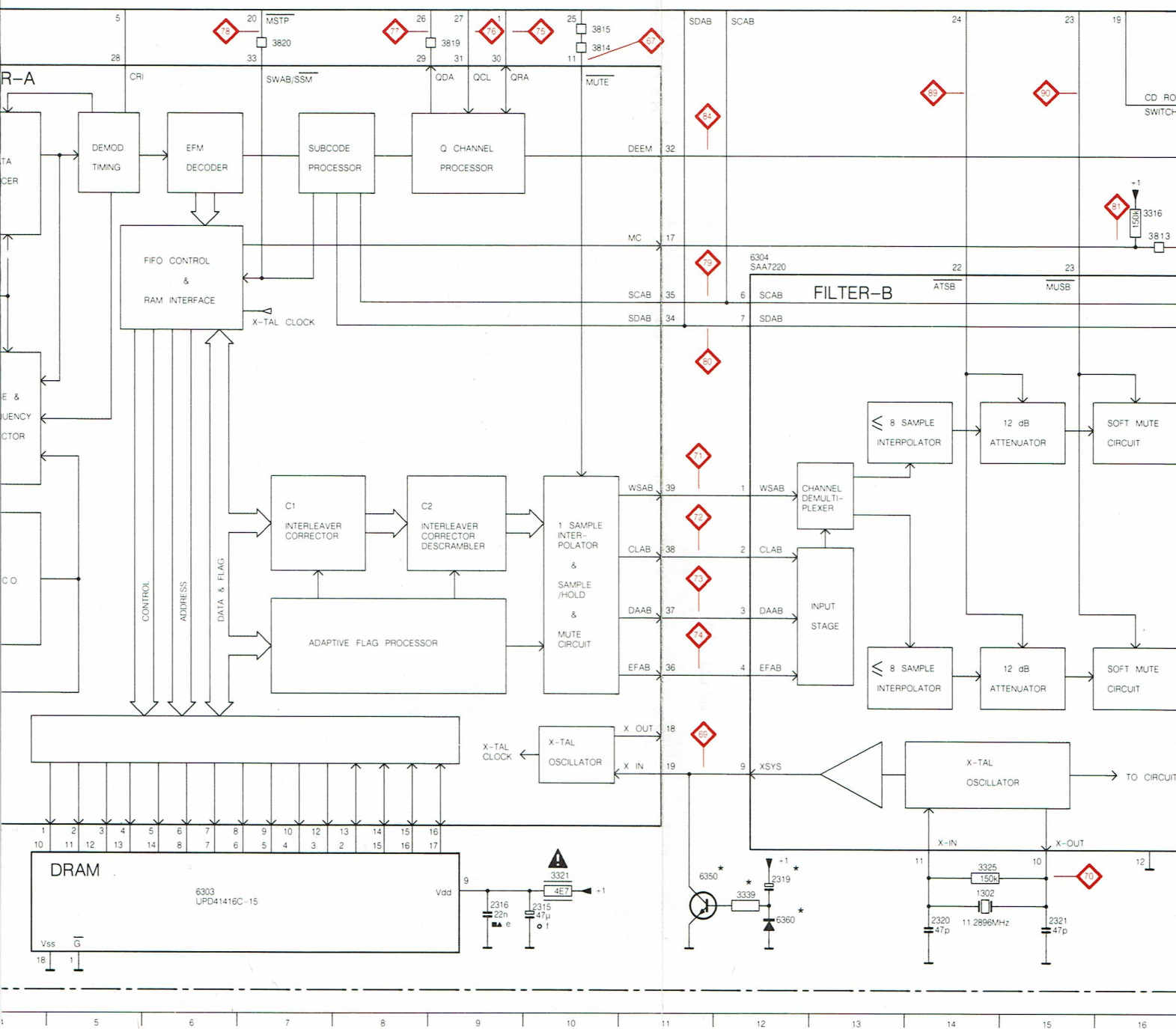
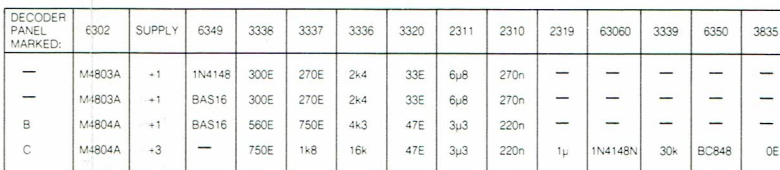
ATSB	-	Attenuation of Audio level in Search position (Cueing)
CD ROM Switch	-	Digital Data information on disc signal
CEFM	-	Clock Eight-to-Fourteen Modulator
CLAB	-	Clock signal Decoder-A to Filter-B
CLBD	-	Clock signal Filter-B to DAC
CRI	-	Counter Reset Inhibit
DAAB	-	Data signal Decoder-A to Filter-B
DABD	-	Data signal Filter-B to DAC
DEEM	-	Deemphasis
DOBM	-	Digital out signal
EFAB	-	Error flag Decoder-A to Filter-B
IREF	-	Reference Current
MSTP	-	Motor start-stop signal
MUTE	-	Mute signal



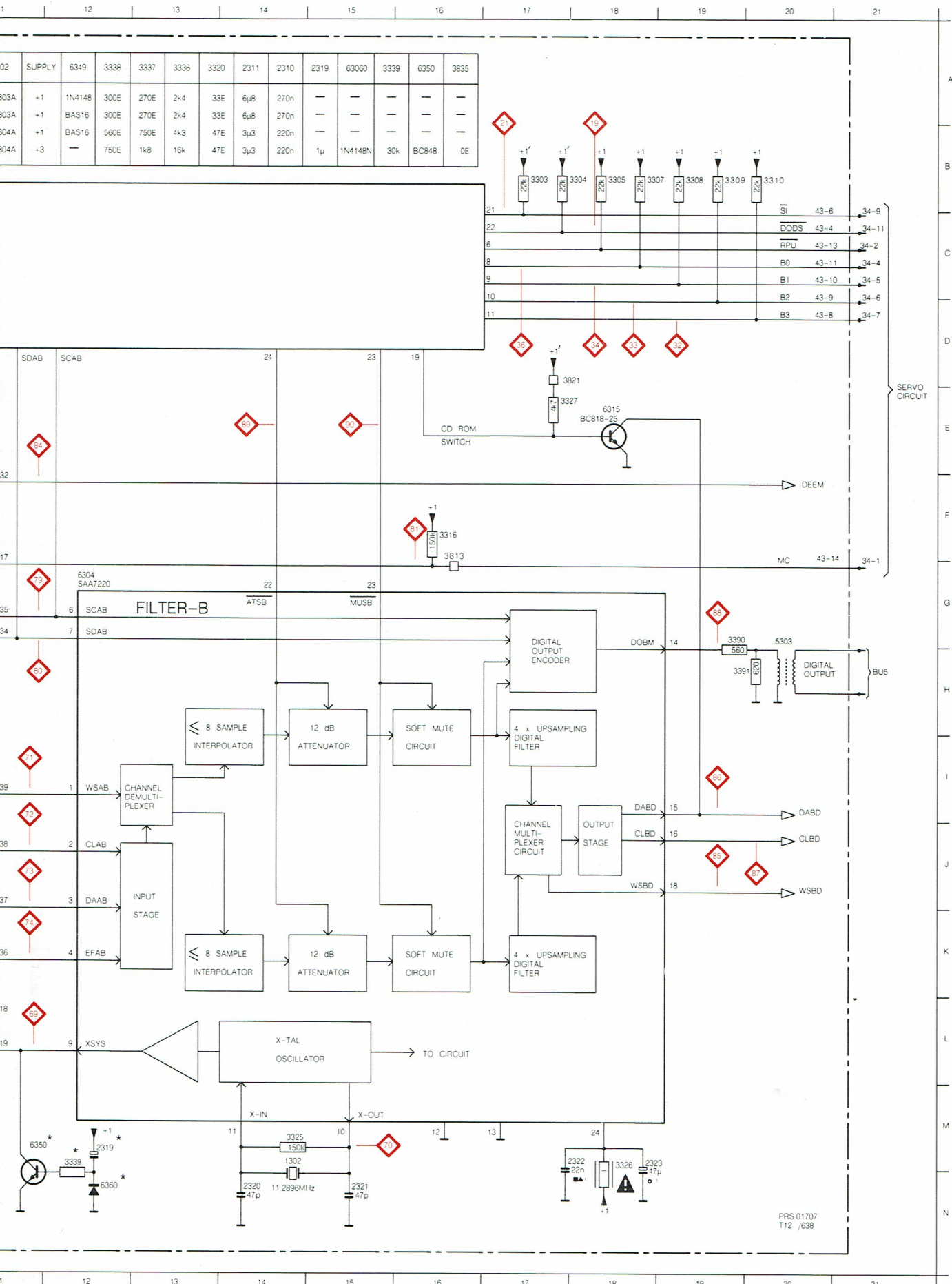
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$\overline{ATSB}$	- Attenuation of Audio level in Search position (Cueing)	$\overline{MUSB}$	- Soft Mute signal
CD ROM Switch	- Digital Data information on disc signal	$\overline{PD/OC}$	- Phase detector - oscillator control
CEFM	- Clock Eight-to-Fourteen Modulator	$\overline{QCL}$	- Q-channel Clock signal
CLAB	- Clock signal Decoder-A to Filter-B	$\overline{QDA}$	- Q-channel Data signal
CLBD	- Clock signal Filter-B to DAC	$\overline{QRA}$	- Q-channel Request Acknowledge
$\overline{CRI}$	- Counter Reset Inhibit	SCAB	- Subcode clock Decoder-A to Filter-B
DAAB	- Data signal Decoder-A to Filter-B	$\overline{SCLK-I^2C}$	- Serial Clock signal Decoder-Control μP (Inter IC Connection)
DABD	- Data signal Filter-B to DAC	SDAB	- Subcode data Decoder-A to Filter-B
$\overline{DEEM}$	- Deemphasis	$\overline{SDAT-I^2D}$	- Serial Data Signal Decoder-Control μP (Inter IC Connection)
DOBM	- Digital out signal	$\overline{SWAB/\overline{SSM}}$	- Subcode Word/Start-stop motor signal
EFAB	- Error flag Decoder-A to Filter-B	WSAB	- Word Select Decoder-A to Filter-B
$\overline{IREF}$	- Reference Current	WSBD	- Word Select Filter-B to DAC
$\overline{MSTP}$	- Motor start-stop signal	$\overline{XIN}$	- Oscillator signal in Decoder-A
$\overline{MUTE}$	- Mute signal	$\overline{XSYS}$	- Oscillator signal out Filter-B



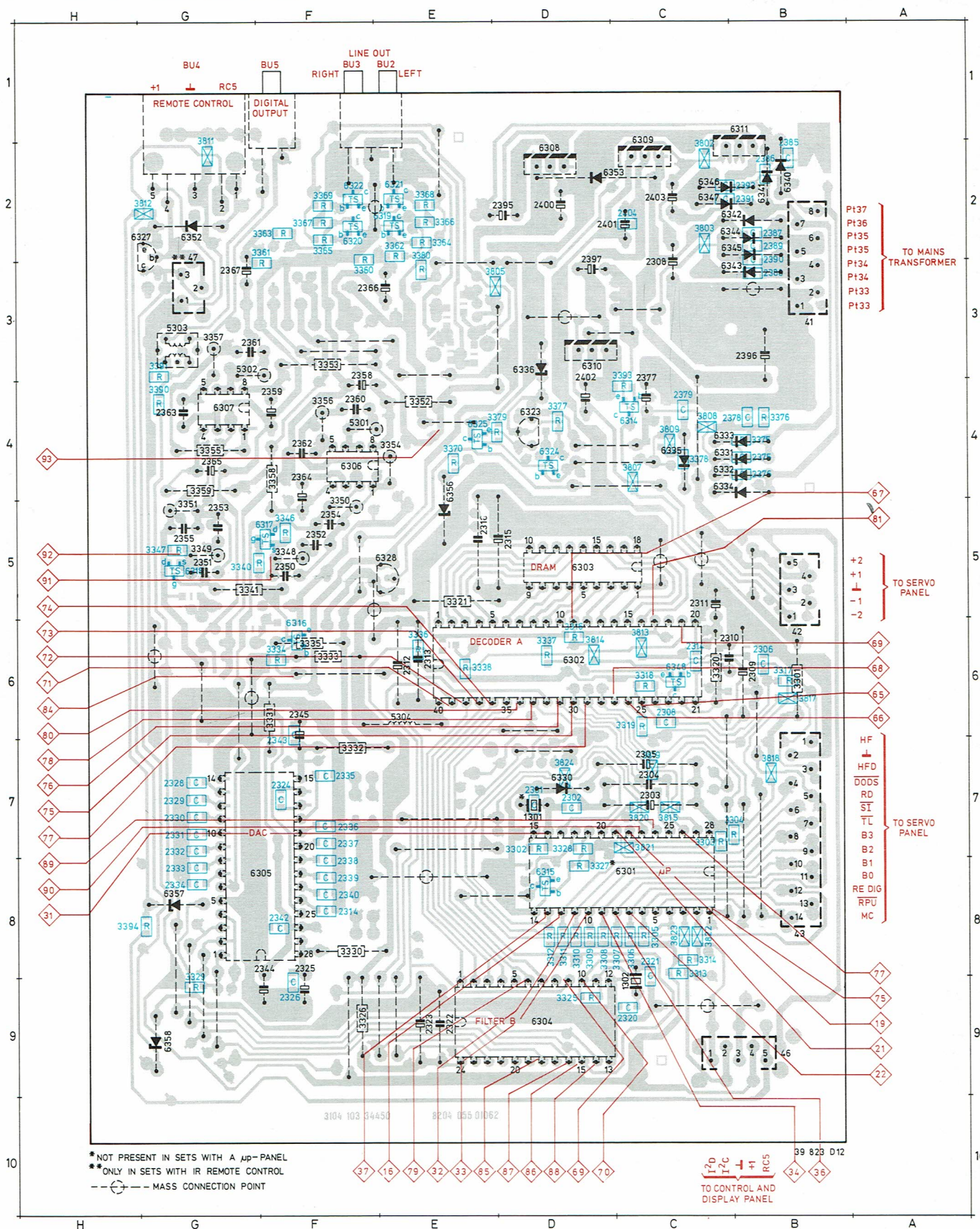


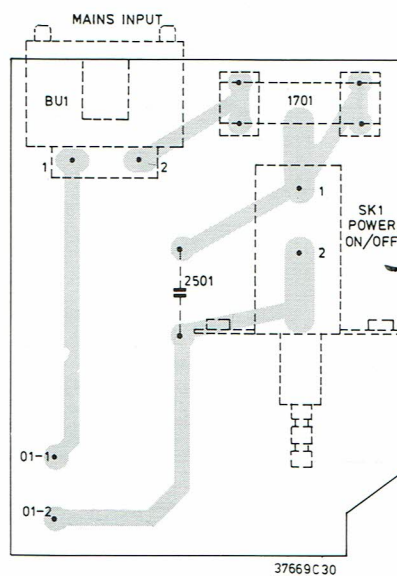
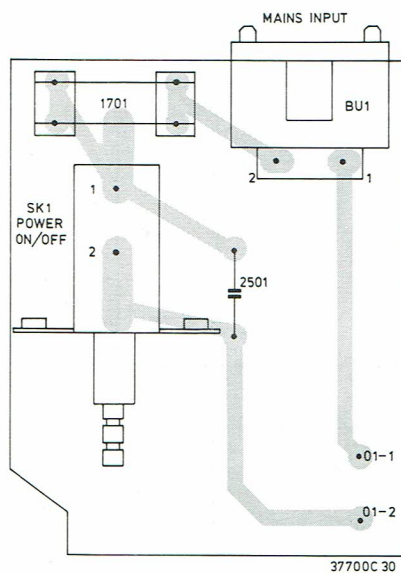
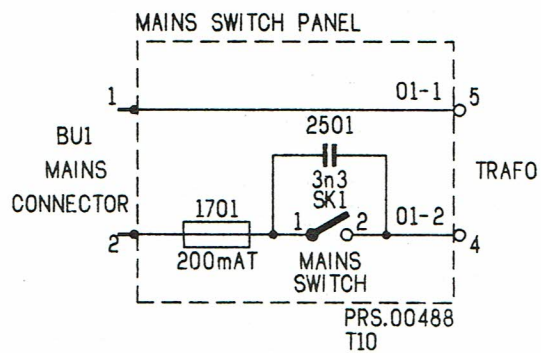
M18 3336 J 2 3339 M12 3813 F16 3817 G 2 3819 D 9 3822 C 2 5303 G20 6303 M 6 6330 B 7 6350 M11
 E18 3337 J 3 3390 G19 3814 D10 3817 I 2 3820 D 7 3823 C 2 5304 L 2 6304 G12 6348 I 3 6360 N12
 B 4 3338 I 2 3391 H19 3815 D10 3818 A 8 3821 D18 3824 B 5 6302 D 3 6315 E18 6349 I 2

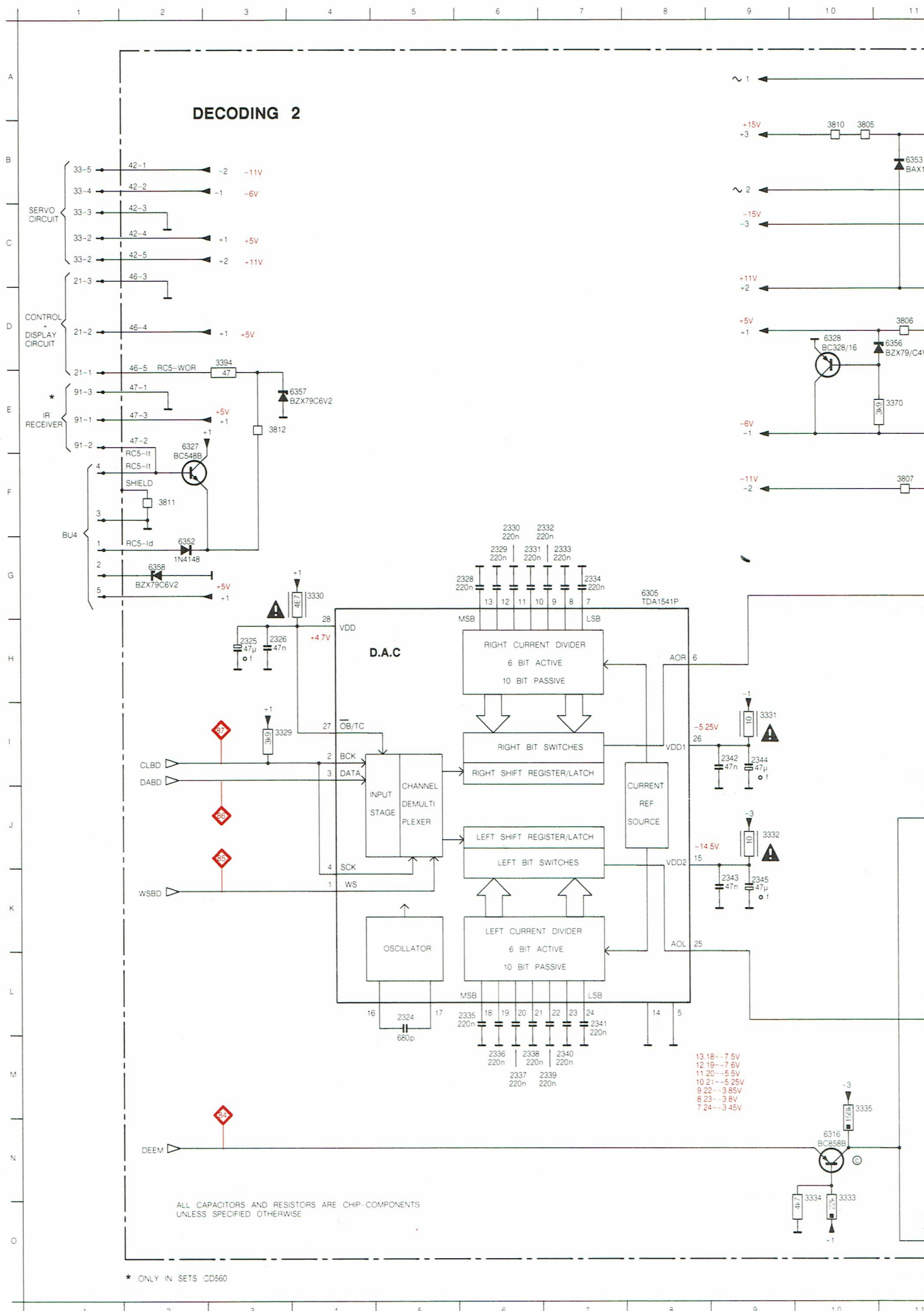


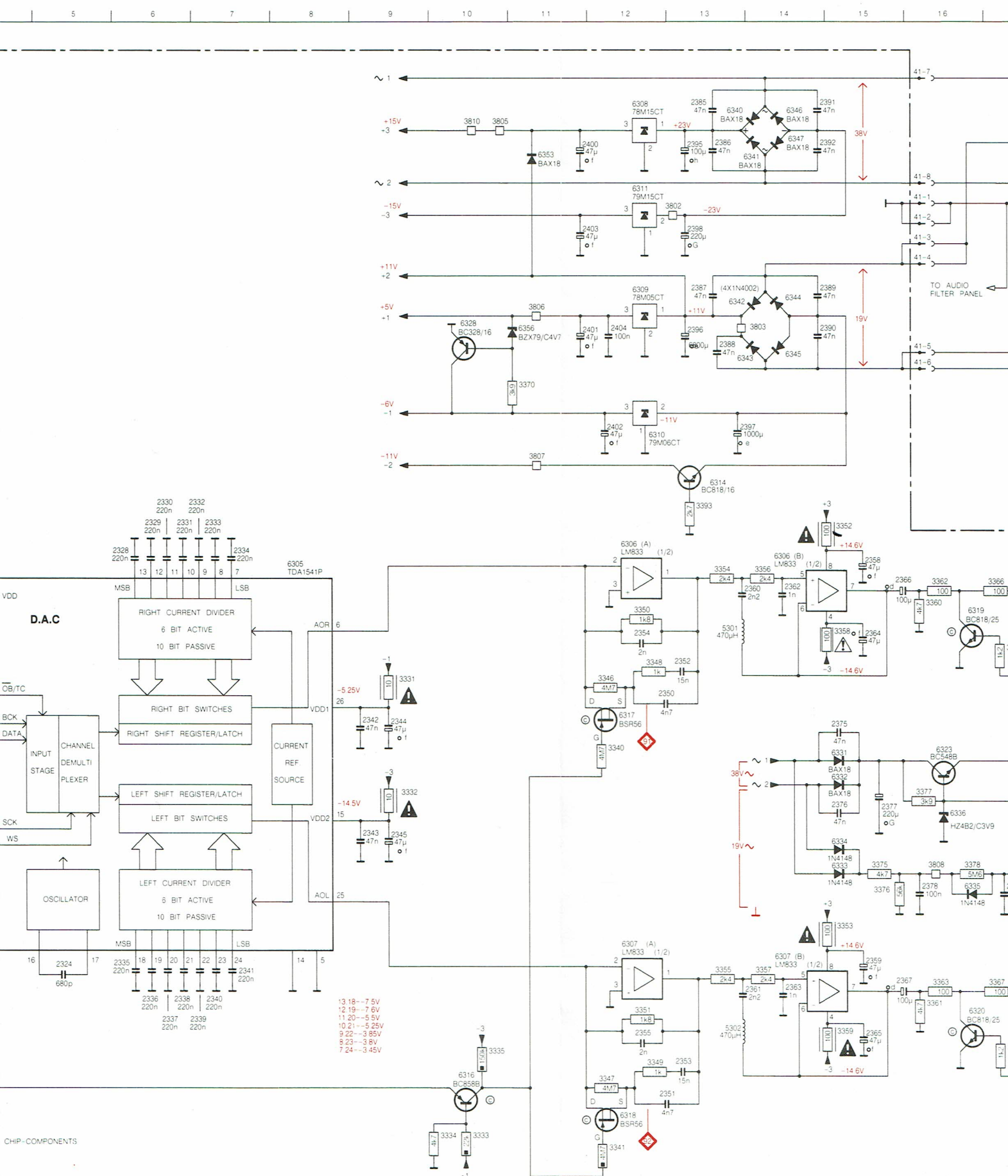


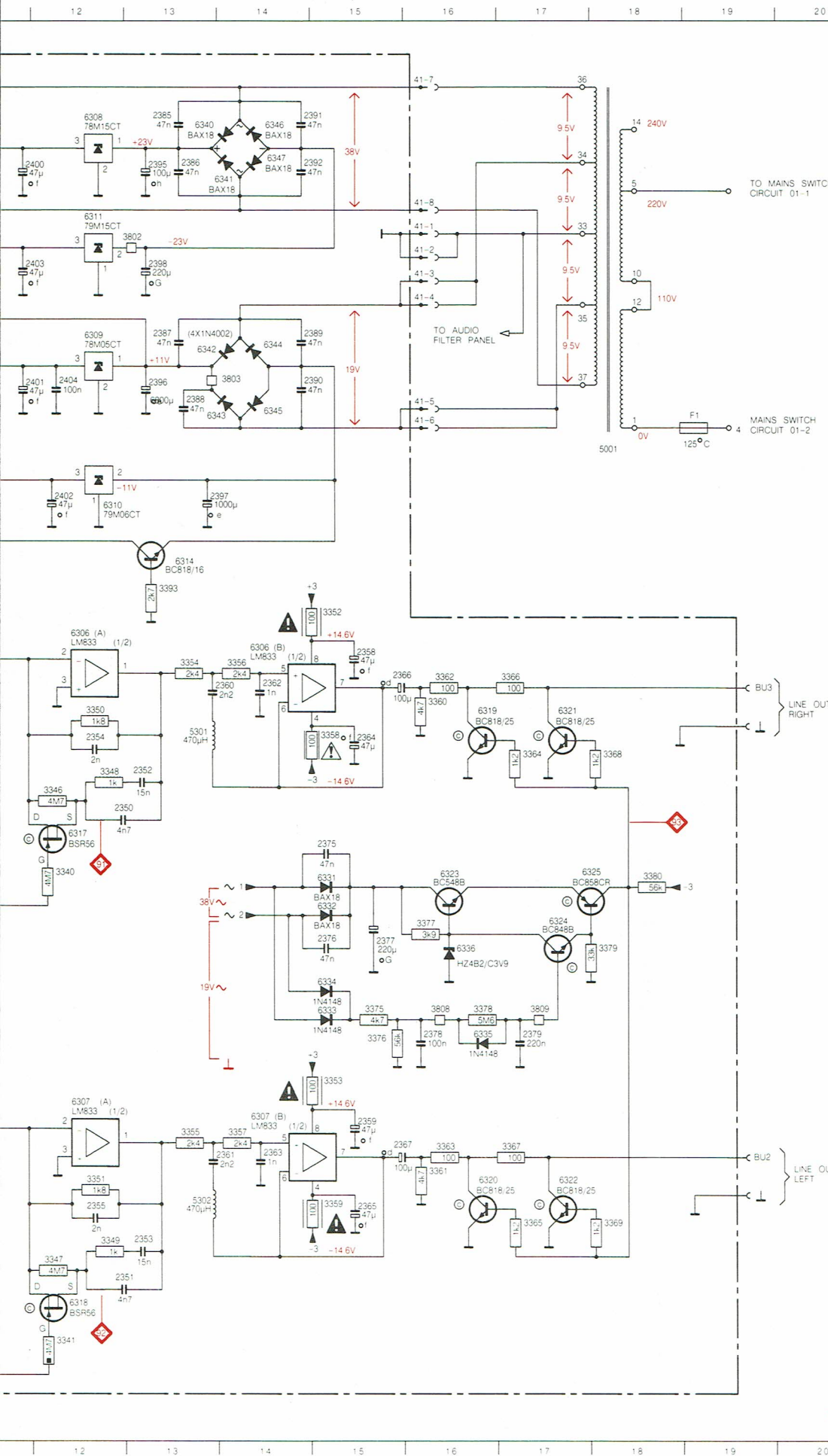
6-4 SUPPLY + DECODER PANEL







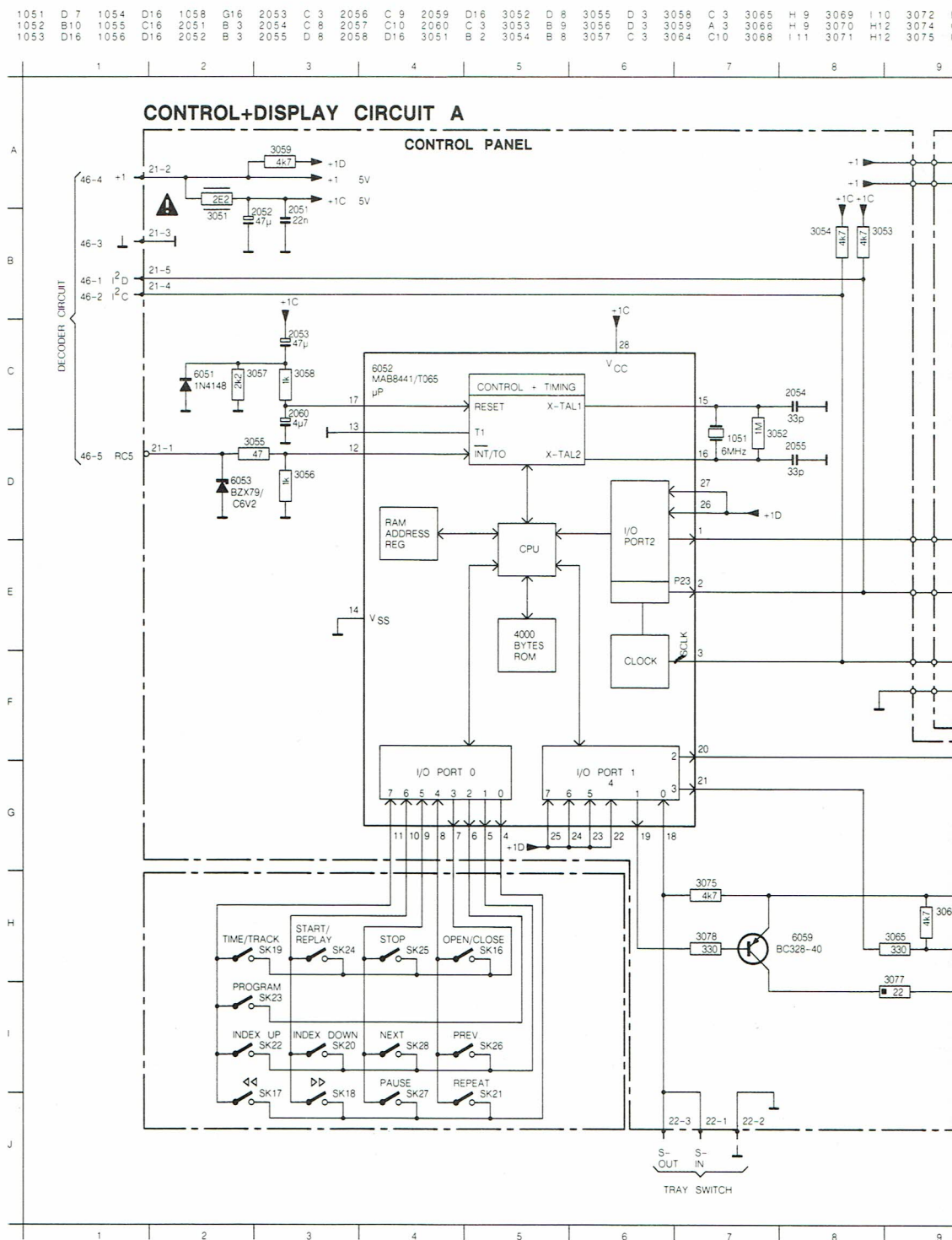




2324	L	5	6340	A13
2325	H	3	6341	B14
2326	H	3	6342	D13
2328	G	6	6343	E14
2329	G	6	6344	D14
2330	F	6	6345	E14
2331	G	6	6346	A14
2332	F	7	6347	B14
2333	G	7	6352	G 2
2334	G	7	6353	B11
2335	L	6	6356	D11
2336	M	6	6357	E 4
2337	M	6	6358	G 2
2338	M	6		
2339	M	7		
2340	M	7		
2341	L	7		
2342	I	9		
2343	K	9		
2344	I	9		
2345	K	9		
2350	I	12		
2351	N12			
2352	H13			
2353	N13			
2354	H12			
2355	M12			
2358	G15			
2359	L15			
2360	H14			
2361	M14			
2362	G14			
2363	M14			
2364	H15			
2365	M15			
2366	G15			
2367	L15			
2375	I15			
2376	J15			
2377	J15			
2378	K16			
2379	K17			
2385	A13			
2386	B13			
2387	D13			
2388	D13			
2389	D15			
2390	D15			
2391	A15			
2392	B15			
2395	B13			
2396	D13			
2397	E14			
2398	C13			
2400	B12			
2401	D12			
2402	E12			
2403	C12			
2404	D12			
3329	I 3			
3330	G 4			
3331	I 9			
3332	J 9			
3333	N10			
3334	N10			
3335	M10			
3340	J12			
3341	O12			
3346	I 12			
3347	N12			
3348	H12			
3349	N12			
3350	H12			
3351	M12			
3352	G15			
3353	L15			
3354	G13			
3355	L13			
3356	G14			
3357	L14			
3358	H15			
3359	M15			
3360	H16			
3361	M16			
3362	G16			
3363	L16			
3364	H17			
3365	M17			
3366	G17			
3367	L17			
3368	H18			
3369	M18			
3370	E11			
3375	K15			
3376	K15			
3377	J16			
3378	K16			
3379	J18			
3380	J18			
3393	F13			
3394	D 3			
3802	C13			
3803	D14			
3805	B10			
3806	D11			
3807	F11			
3808	K16			
3809	K17			
3810	B10			
3811	F 2			
3812	E 3			
5001	E18			
5301	H13			
5302	M13			
6305	G 8			
6306	G14			
6306	G12			
6307	L14			
6307	L12			
6308	A12			
6309	D12			
6310	F12			
6311	B12			
6314	F13			
6316	N10			
6317	I 12			
6318	N12			
6319	H16			
6320	M16			
6321	H17			
6322	M17			
6323	J16			
6324	J17			
6325	J18			
6327	E 2			
6328	D10			
6331	J15			
6332	J15			
6333	K15			
6334	K15			
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6336	J16			

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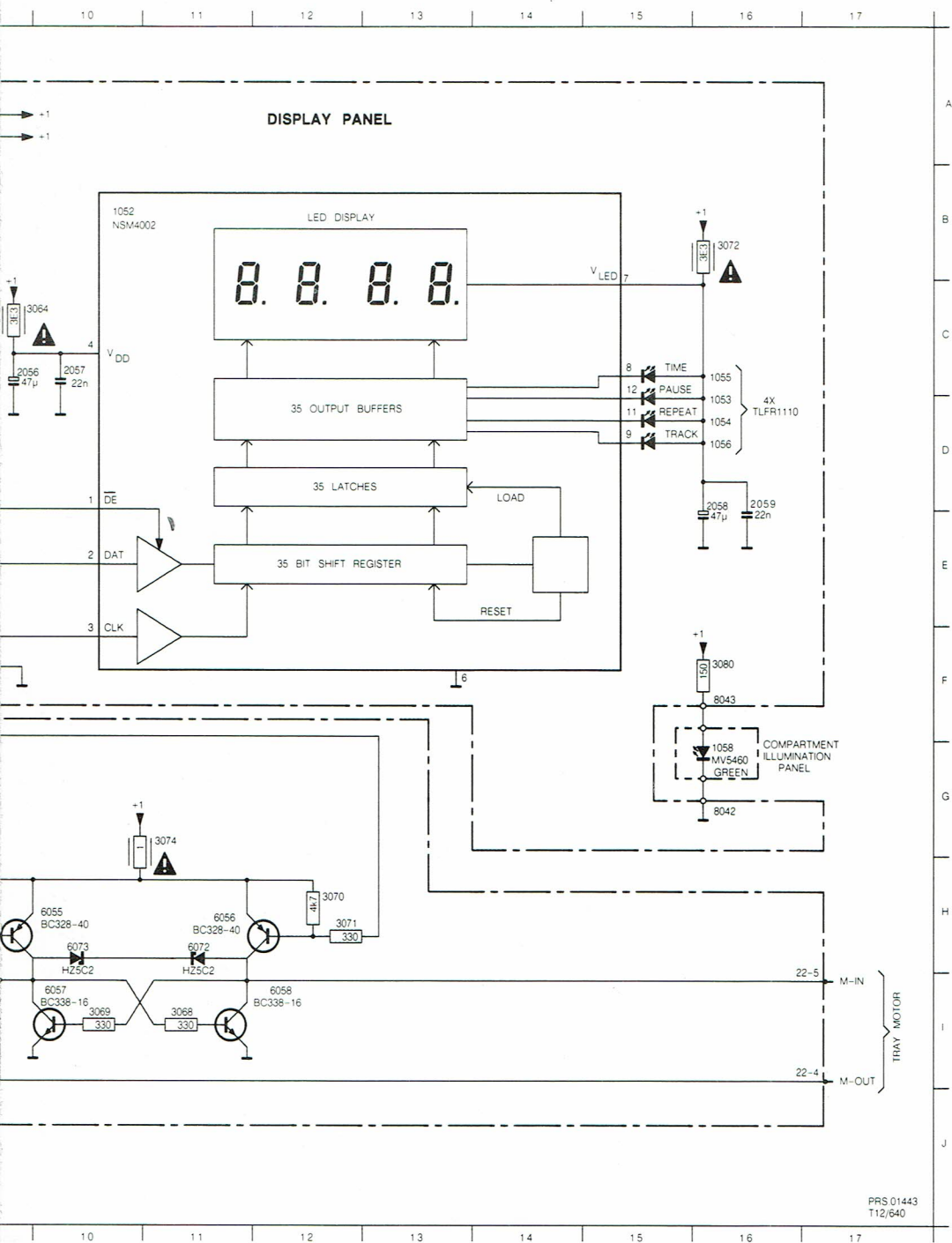
6-6 CONTROL + DISPLAY CIRCUIT A



A horizontal number line with tick marks labeled 3 through 14. The line is divided into segments by vertical tick marks, with each segment labeled with a number above it.



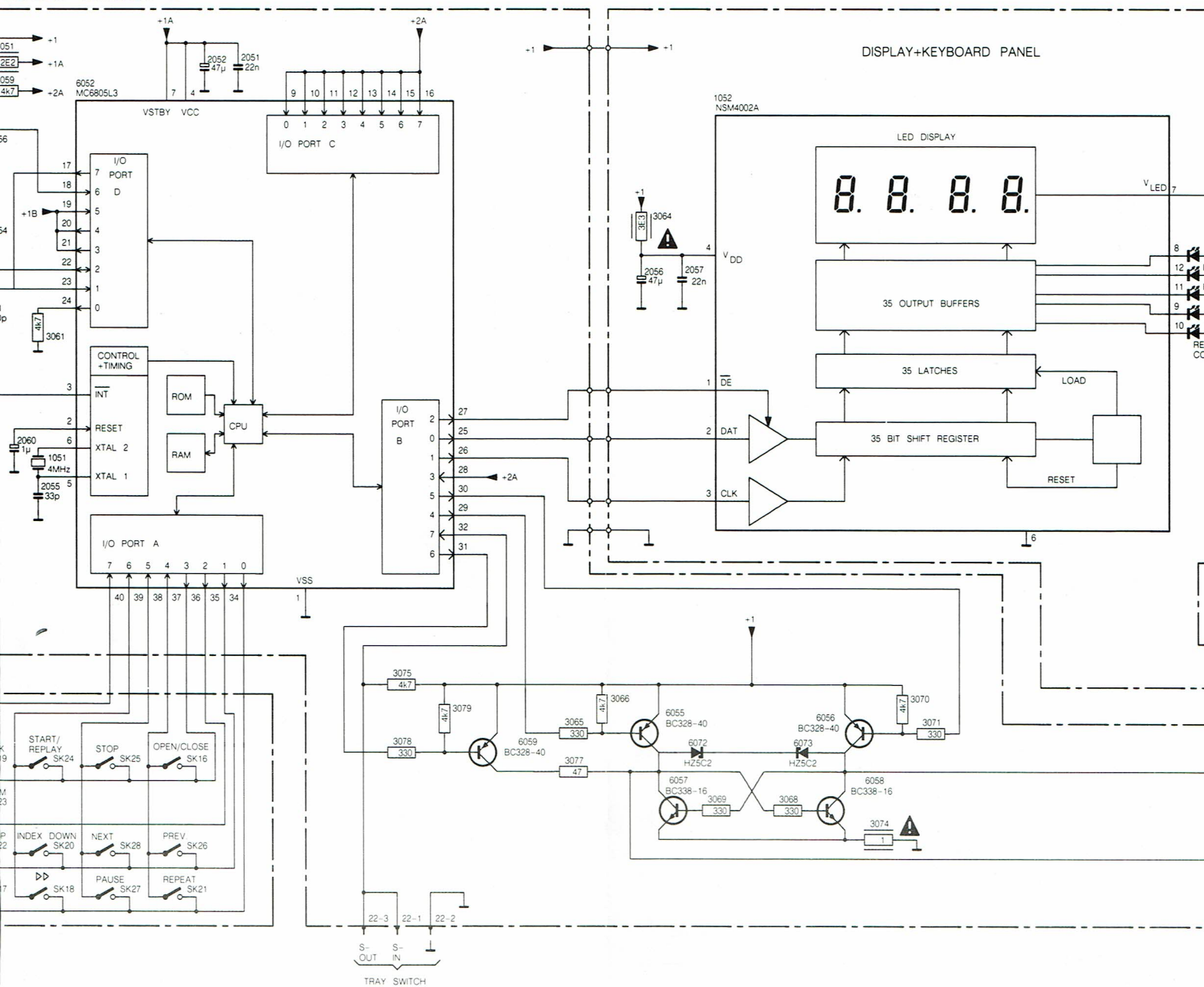
16 3077 H 9 6051 CC 2 6055 H10 6058 I 12 6073 H10
 11 3078 H 7 6052 CC 4 6056 H11 6059 H 8
 7 3080 F16 6053 D 2 6057 I 10 6072 H11



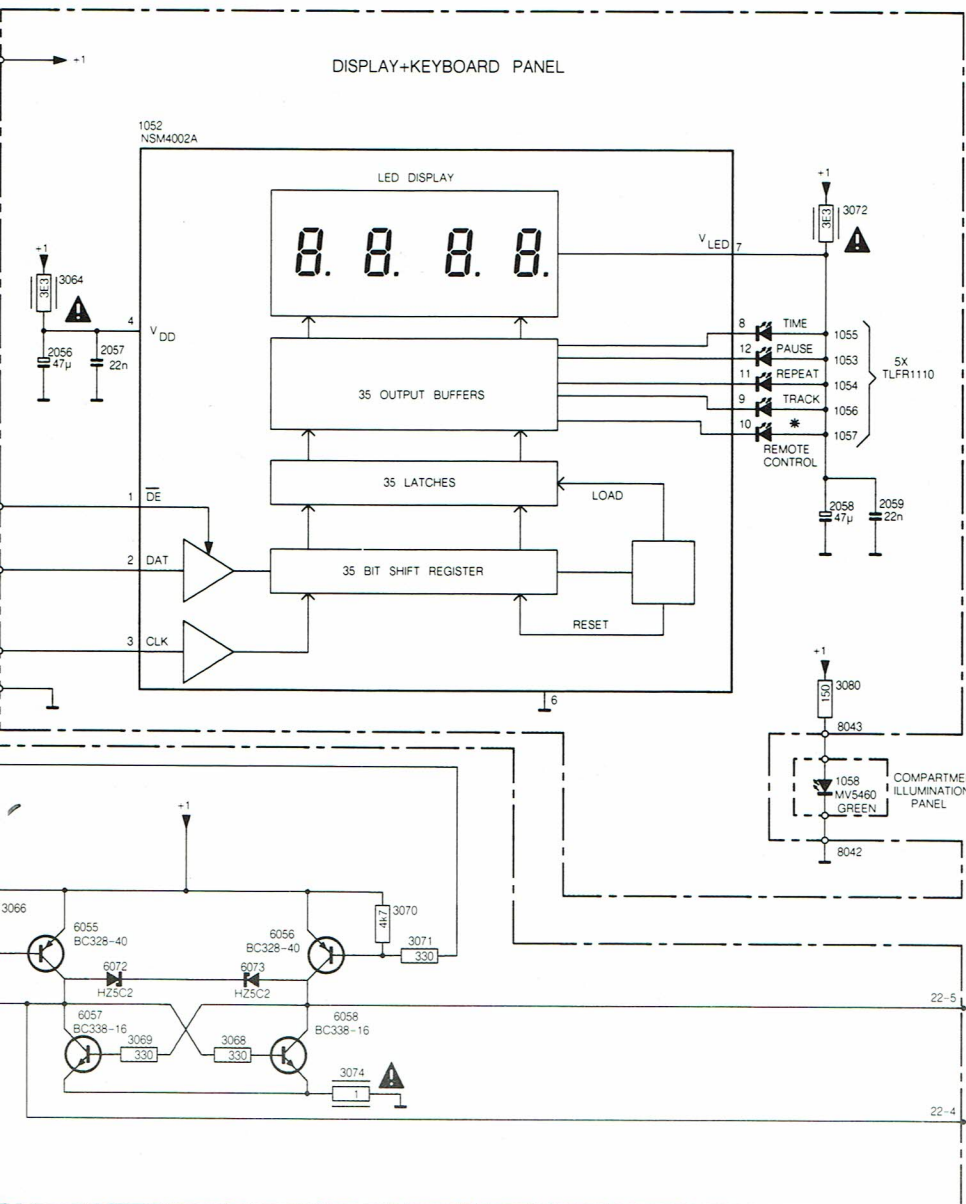


G16	2051	A 5	2055	F 3	2057	D10	2059	E16	2061	D 3	3053	C 2	3055	B 2	3059	B 3	3061	D 3	3065	H 9	3068	I 11	3070	H12	3072	C16	3075	H 7	3078	H 7	3080	F16	6053	B 2
D16	2052	A 5	2056	D 9	2058	E16	2060	E 3	3051	A 3	3054	C 3	3056	B 3	3060	F 3	3064	C10	3066	H 9	3069	I 10	3071	H12	3074	J12	3077	I 9	3079	H 7	6052	B 4	6055	H10
3		4		5		6		7		8		9		10		11		12		13		14		15										

DISPLAY CIRCUIT B



D 3	3065	H 9	3068	I 11	3070	H12	3072	C16	3075	H 7	3078	H 7	3080	F16	6053	B 2	6056	H11	6058	I 12	6072	I 10
C10	3066	H 9	3069	I 10	3071	H12	3074	J12	3077	I 9	3079	H 7	6052	B 4	6055	H10	6057	I 10	6059	I 8	6073	I 11

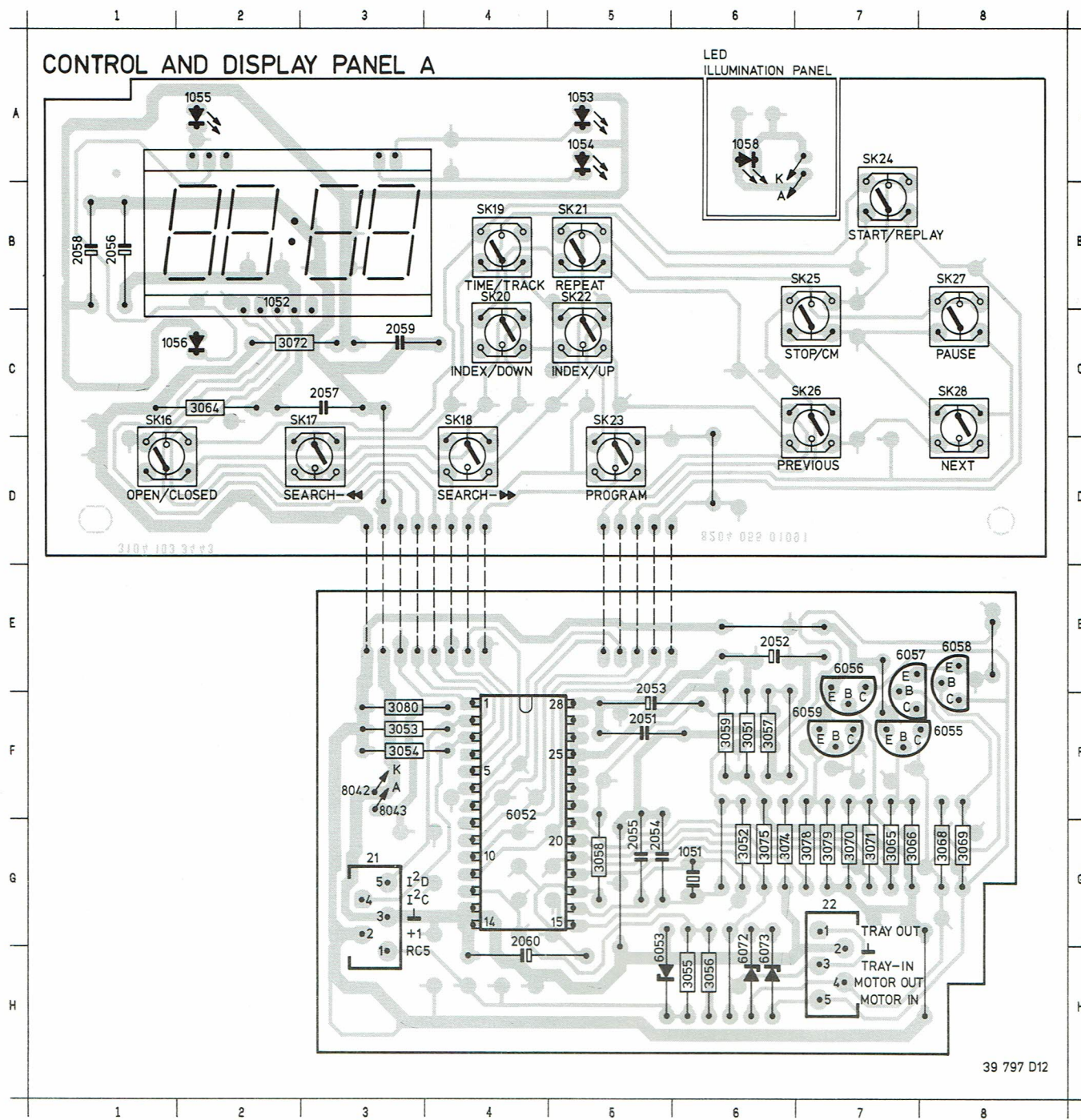


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CONTROL + DISPLAY PANEL A

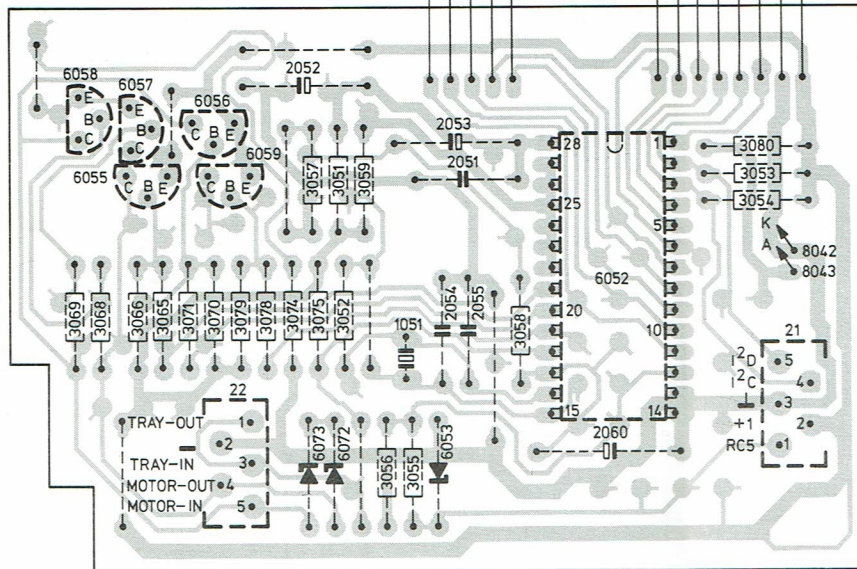
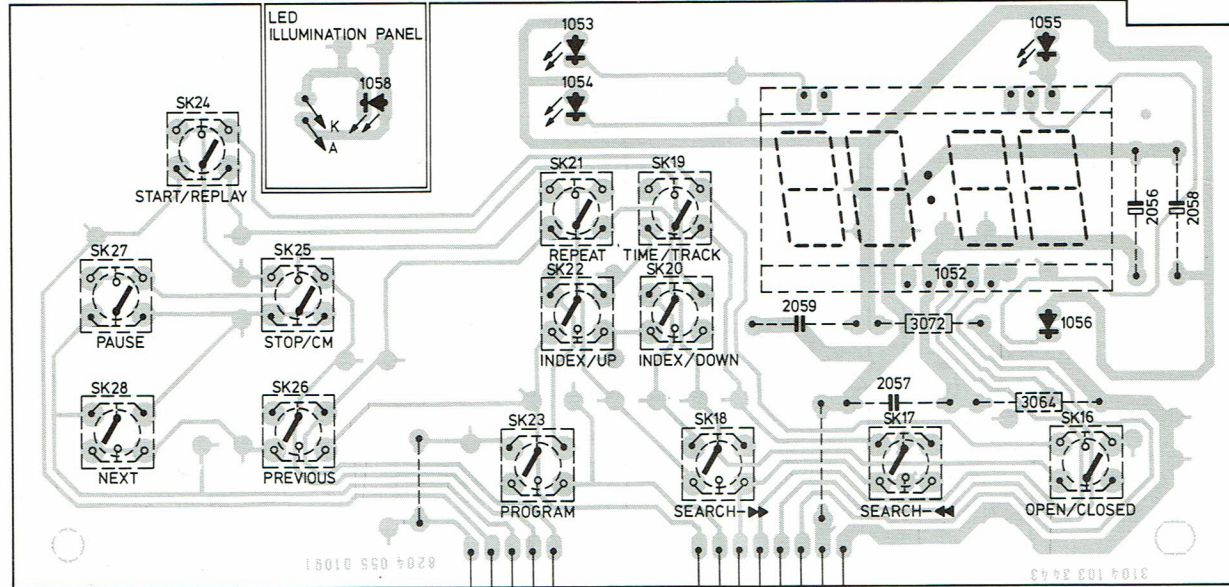
6-7

1051	G 6	1056	C 2	2054	G 5	2059	C 3	3054	F 3	3059	F 6	3069	G 8	3075	G 6	6053	G 5	6059	F 7
1052	C 2	1058	A 6	2055	G 5	2060	G 4	3055	H 6	3064	C 2	3070	G 7	3078	G 7	6055	F 8	6072	G 6
1053	A 5	2051	F 5	2056	B 1	3051	F 6	3056	H 6	3065	G 7	3071	G 7	3079	G 7	6056	F 7	6073	H 6
1054	A 5	2052	F 6	2057	C 3	3052	G 6	3057	F 6	3066	G 7	3072	C 2	3080	F 3	6057	F 7		
1055	A 2	2053	F 5	2058	B 1	3053	F 3	3058	G 5	3068	G 8	3074	G 6	6052	G 4	6058	F 8		



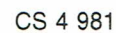
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1052	B 7	1058	A 3	2055	G 4	2060	G 5	3055	H 3	3064	C 7	3070	G 2	3078	G 2	6055	F 1	6072	H 3
1053	A 4	2051	F 4	2056	B 8	3051	F 3	3056	H 3	3065	G 2	3071	G 2	3079	G 2	6056	E 2	6073	G 3
1054	A 4	2052	E 3	2057	C 6	3052	G 3	3057	F 3	3066	G 2	3072	C 7	3080	F 6	6057	E 2		
1055	A 7	2053	F 4	2058	B 8	3053	F 6	3058	G 4	3068	G 1	3074	G 3	6052	F 5	6058	E 1		

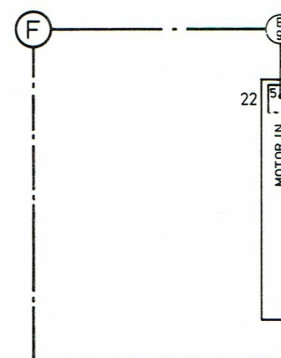
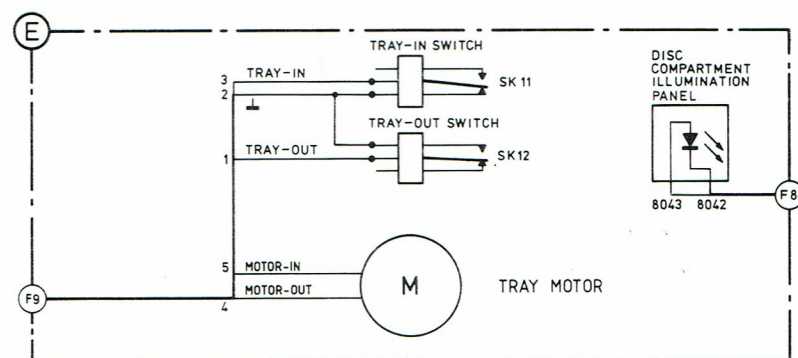
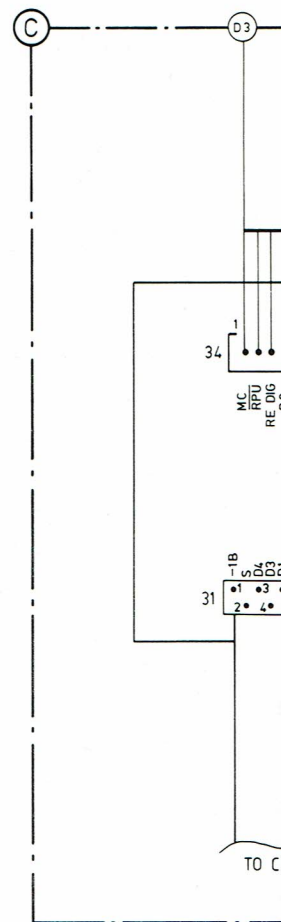
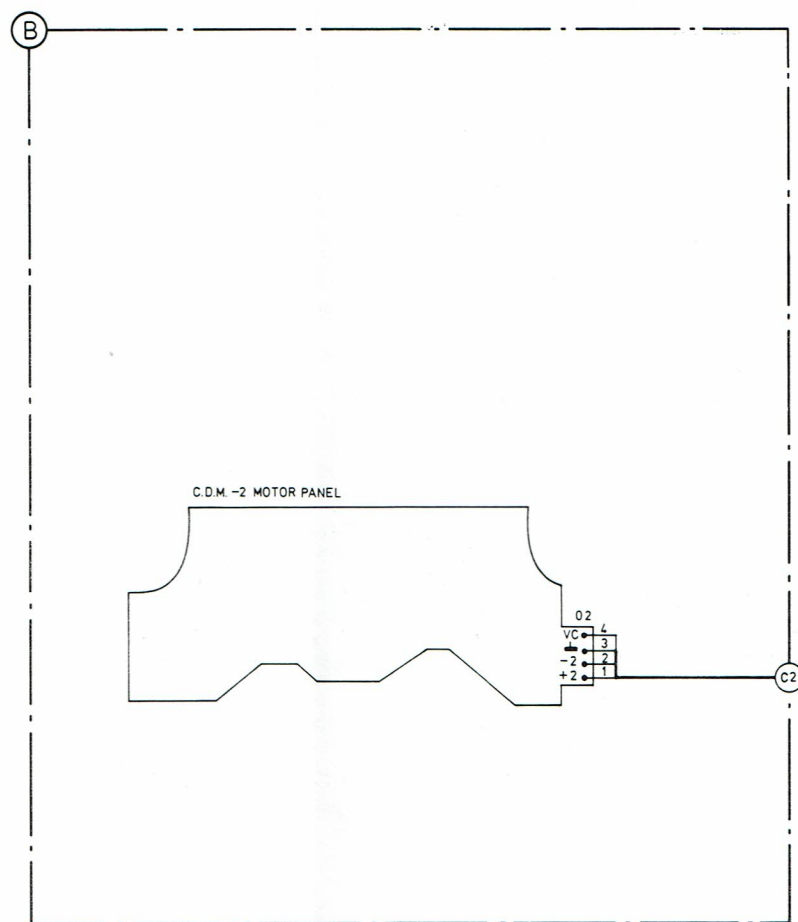
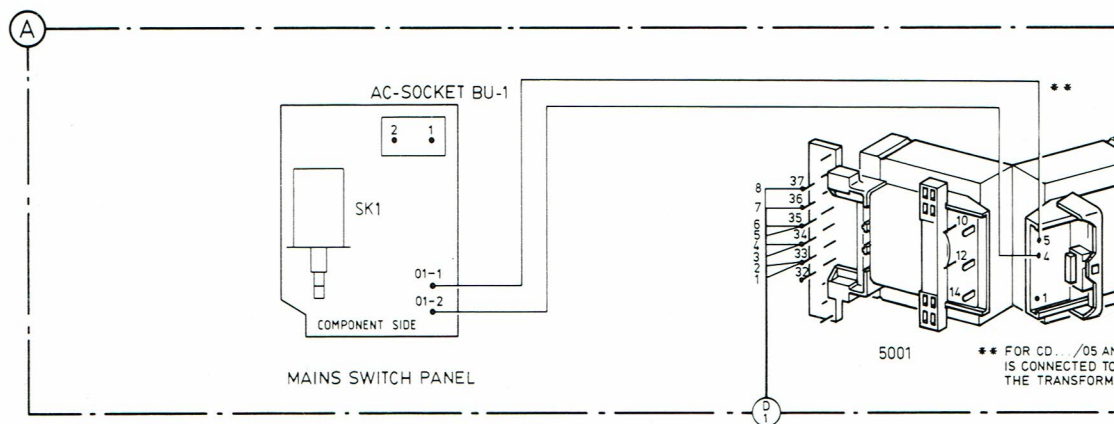
CONTROL AND DISPLAY PANEL A

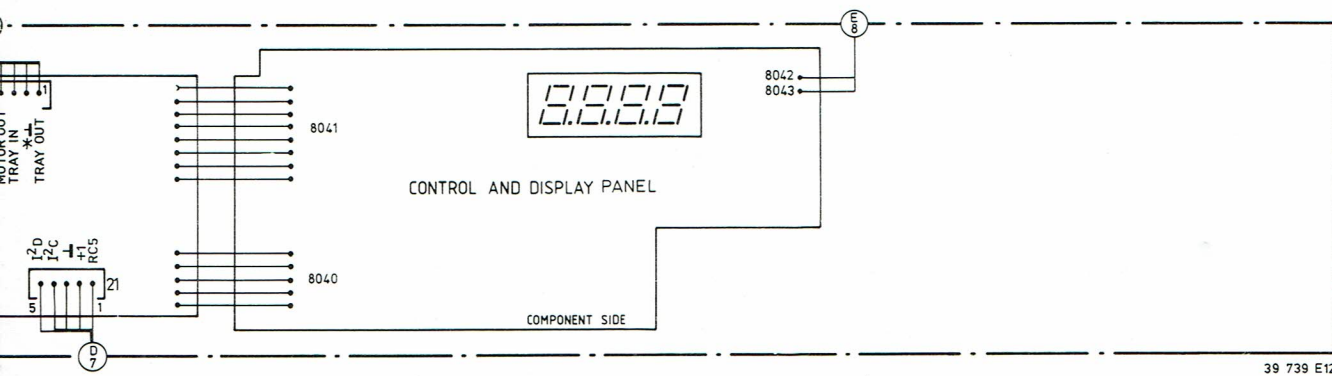
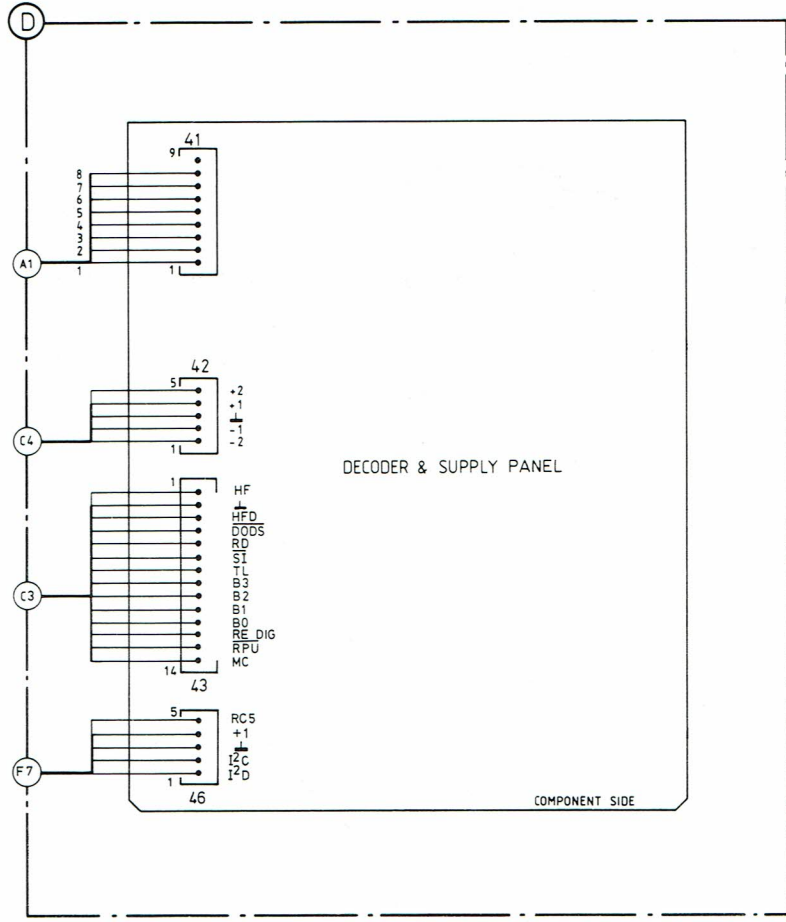
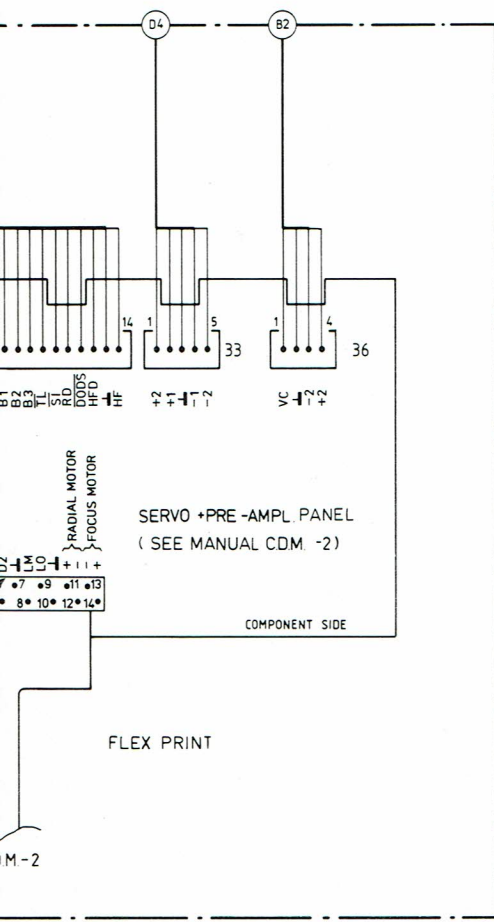
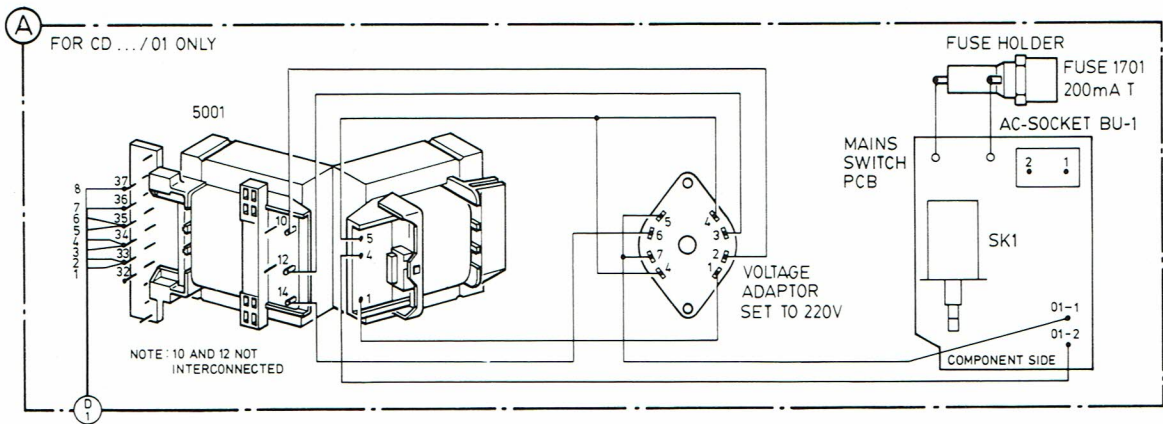
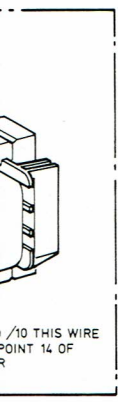


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PRS.01634







Ⓢ Chips 50 V NP0 S1206				Ⓢ Chips 0,125 W S1206				Ⓢ Chips 0,125 W S1206				1S
1 pF	5%	4822 122 32479		4,7 E	5%	5322 111 90376		6,8 k	2%	4822 111 90544		
1,5 pF	5%	4822 122 31792		5,1 E	5%	4822 111 90393		7,5 k	2%	4822 111 90276		
1,8 pF	5%	4822 122 32087		5,6 E	5%	4822 111 90394		8,2 k	2%	5322 111 90118		
2,2 pF	5%	4822 122 32425		6,2 E	5%	4822 111 90395		9,1 k	2%	4822 111 90373		
3,3 pF	5%	4822 122 32079		6,8 E	5%	4822 111 90254		10 k	2%	4822 111 90249		
3,9 pF	5%	4822 122 32081		7,5 E	5%	4822 111 90396		11 k	2%	4822 111 90337		
4,7 pF	5%	4822 122 32082		8,2 E	5%	4822 111 90397		12 k	2%	4822 111 90253		
5,6 pF	5%	4822 122 32506		9,1 E	5%	4822 111 90398		13 k	2%	4822 111 90509		
6,8 pF	5%	4822 122 32507		10 E	2%	5322 111 90095		15 k	2%	4822 111 90196		
8,2 pF	5%	4822 122 32083		11 E	2%	4822 111 90338		16 k	2%	4822 111 90346		
10 pF	5%	4822 122 31971		12 E	2%	4822 111 90341		18 k	2%	4822 111 90238		
12 pF	5%	4822 122 32139		13 E	2%	4822 111 90343		20 k	2%	4822 111 90349		
15 pF	5%	4822 122 32504		15 E	2%	4822 111 90344		22 k	2%	4822 111 90251		
18 pF	5%	4822 122 31769		16 E	2%	4822 111 90347		24 k	2%	4822 111 90512		
22 pF	10%	4822 122 31837		18 E	2%	5322 111 90139		27 k	2%	4822 111 90542		
27 pF	5%	4822 122 31966		20 E	2%	4822 111 90352		30 k	2%	4822 111 90216		
33 pF	5%	4822 122 31756		22 E	2%	4822 111 90186		33 k	2%	5322 111 90267		
39 pF	5%	4822 122 31972		24 E	2%	4822 111 90355		36 k	2%	4822 111 90514		
47 pF	5%	4822 122 31772		27 E	2%	5322 111 90105		39 k	2%	5322 111 90108		
56 pF	5%	4822 122 31774		30 E	2%	4822 111 90356		43 k	2%	4822 111 90363		
68 pF	5%	4822 122 31961		33 E	2%	4822 111 90357		47 k	2%	4822 111 90543		
82 pF	10%	4822 122 31839		36 E	2%	4822 111 90359		51 k	2%	5322 111 90274		
100 pF	5%	4822 122 31765		39 E	2%	4822 111 90361		56 k	2%	4822 111 90573		
120 pF	5%	4822 122 31766		43 E	2%	5322 116 90125		62 k	2%	5322 111 90275		
150 pF	5%	4822 122 31767		47 E	2%	4822 111 90217		68 k	2%	4822 111 90202		
180 pF	2%	4822 122 31794		51 E	2%	4822 111 90365		75 k	2%	4822 111 90574		
220 pF	5%	4822 122 31965		56 E	2%	4822 111 90239		82 k	2%	4822 111 90575		
270 pF	5%	4822 122 32142		62 E	2%	4822 111 90367		91 k	2%	5322 111 90277		
330 pF	10%	4822 122 31642		68 E	2%	4822 111 90203		100 k	2%	4822 111 90214		
390 pF	5%	4822 122 31771		75 E	2%	4822 111 90371		110 k	2%	5322 111 90269		
470 pF	5%	4822 122 31727		82 E	2%	4822 111 90124		120 k	2%	4822 111 90568		
560 pF	5%	4822 122 31773		91 E	2%	4822 111 90375		130 k	2%	4822 111 90511		
680 pF	5%	4822 122 31775		100 E	2%	5322 111 90091		150 k	2%	5322 111 90099		
820 pF	5%	4822 122 31974		110 E	2%	4822 111 90335		160 k	2%	5322 111 90264		
1 nF	10%	5322 122 31647		120 E	2%	4822 111 90339		180 k	2%	4822 111 90565		
1,2 nF	5%	4822 122 31807		130 E	2%	4822 111 90164		200 k	2%	4822 111 90351		
1,5 nF	10%	4822 122 31781		150 E	2%	5322 111 90098		220 k	2%	4822 111 90197		
1,8 nF	10%	4822 122 32153		160 E	2%	4822 111 90345		240 k	2%	4822 111 90215		
2,2 nF	10%	4822 122 31644		180 E	2%	5322 111 90242		270 k	2%	4822 111 90302		
2,7 nF	10%	4822 122 31783		200 E	2%	4822 111 90348		300 k	2%	5322 111 90266		
3,3 nF	10%	4822 122 31969		220 E	2%	4822 111 90178		330 k	2%	4822 111 90513		
3,9 nF	10%	4822 122 32566		240 E	2%	4822 111 90353		360 k	2%	4822 111 90515		
4,7 nF	10%	4822 122 31784		270 E	2%	4822 111 90154		390 k	2%	4822 111 90182		
5,6 nF	10%	4822 122 31916		300 E	2%	4822 111 90156		430 k	2%	4822 111 90168		
6,8 nF	10%	4822 122 31976		330 E	2%	5322 111 90106		470 k	2%	4822 111 90161		
10 nF	10%	4822 122 31728		360 E	1%	4822 111 90288		510 k	2%	4822 111 90364		
12 nF	10%	5322 122 31648		360 E	2%	4822 111 90358		560 k	2%	4822 111 90169		
15 nF	10%	4822 122 31782		390 E	2%	5322 111 90138		620 k	2%	4822 111 90213		
18 nF	10%	4822 122 31759		430 E	2%	4822 111 90362		680 k	2%	4822 111 90368		
22 nF	10%	4822 122 31797		470 E	2%	5322 111 90109		750 k	2%	4822 111 90369		
27 nF	10%	4822 122 32541		510 E	2%	4822 111 90245		820 k	2%	4822 111 90205		
33 nF	10%	4822 122 31981		560 E	2%	5322 111 90113		910 k	2%	4822 111 90374		
47 nF	10%	4822 122 32542		620 E	2%	4822 111 90366		1 M	2%	4822 111 90252		
56 nF	10%	4822 122 32183		680 E	2%	4822 111 90162		1,1 M	5%	4822 111 90408		
100 nF	10%	4822 122 31947		750 E	2%	5322 111 90306		1,2 M	5%	4822 111 90409		
180 nF	10%	4822 122 32915		820 E	2%	4822 111 90171		1,3 M	5%	4822 111 90411		
				910 E	2%	4822 111 90372		1,5 M	5%	4822 111 90412		
				1 k	2%	5322 111 90092		1,6 M	5%	4822 111 90413		
				1,1 k	2%	4822 111 90336		1,8 M	5%	4822 111 90414		
				1,2 k	2%	5322 111 90096		2 M	5%	4822 111 90415		
				1,3 k	2%	4822 111 90244		2,2 M	5%	4822 111 90185		
				1,5 k	2%	4822 111 90151		2,4 M	5%	4822 111 90416		
				1,6 k	2%	5322 111 90265		2,7 M	5%	4822 111 90417		
				1,8 k	2%	5322 111 90101		3 M	5%	4822 111 90418		
				2 k	2%	4822 111 90165		3,3 M	5%	4822 111 90191		
				2,2 k	2%	4822 111 90248		3,6 M	5%	4822 111 90419		
				2,4 k	2%	4822 111 90289		3,9 M	5%	4822 111 90421		
				2,7 k	2%	4822 111 90569		4,3 M	5%	4822 111 90422		
				3 k	2%	4822 111 90198		4,7 M	5%	4822 111 90423		
				3,3 k	2%	4822 111 90157		5,1 M	5%	4822 111 90424		
				3,6 k	2%	5322 111 90107		5,6 M	5%	4822 111 90425		
				3,9 k	2%	4822 111 90571		6,2 M	5%	4822 111 90426		
				4,3 k	2%	4822 111 90167		6,8 M	5%	4822 111 90235		
				4,7 k	2%	5322 111 90111		7,5 M	5%	4822 111 90427		
				5,1 k	2%	5322 111 90268		8,2 M	5%	4822 111 90237		
				5,6 k	2%	4822 111 90572		9,1 M	5%	4822 111 90428		
				6,2 k	2%	4822 111 90545		10M	5%	5322 111 91141		
Ⓢ Chips 0,125 W S1206 NP0												
0 E	jumper	4822 111 90163										
1 E	5%	4822 111 90184										
1,1 E	5%	4822 111 90377										
1,2 E	5%	4822 111 90378										
1,3 E	5%	4822 111 90379										
1,5 E	5%	4822 111 90381										
1,6 E	5%	4822 111 90382										
1,8 E	5%	4822 111 90383										
2 E	5%	4822 111 90384										
2,2 E	5%	5322 111 90104										
2,4 E	5%	4822 111 90385										
2,7 E	5%	4822 111 90386										
3 E	5%	4822 111 90387										
3,3 E	5%	4822 111 90388										
3,6 E	5%	4822 111 90389										
3,9 E	5%	4822 111 90391										
4,3 E	5%	4822 111 90392										

SYMBOL	DESCRIPTION
	Capacitor, general
	Electrolytic capacitor (+ and - may be omitted)
	Bipolar electrolytic capacitor (+ may be omitted)
	Resistor, general
	N.T.C. resistor
	P.T.C. resistor
	Voltage divider with preset adjustment
	Chip jumper
	Pin contact
	Bus contact
	Coil, self-induction
	Transformer with electrically poor conducting core and adjustable pre-magnetization
	Diode
	Zener diode
	Stabistor
	Double variable capacity diode (in one envelope)
	Photo conductive diode
	L.E.D.

SYMBOL	DESCRIPTION
	Transistor (N.P.N.)
	Transistor (P.N.P.)
	Direct current (DC)
	Alternating current (AC)
	Earth (functional)
	Frame or chassis connection
	Direction in which AC voltages are passed on (optional present)
	Interrupted line
	Not-connected crossing lines
	Connected lines
	Cable tree with lead-outs
	Changer, general (arrow is optional)
	Voltage Controlled Oscillator
	Band-pass filter
	Phase changing network
	Delay element
	Amplifier, general

ELECTRICAL PART LIST

					
μP MC6805L3P	4822 209 11403		2051	16 V	22N PM30 4822 122 10166
LM833 (NSC)	4822 209 83163		2052	25 V	47MU PM20 4822 124 22027
MAB8441P/T012-μP Panel IC6451	4822 209 50418		2053	25 V	47MU PM20 4822 124 22027
MAB8441P/T078-IC6301	4822 209 11436		2054	50 V NPO	33P PM5 4822 122 10179
MAB8441P/T065	4822 209 11356	Controlprint A	2055	50 V NPO	33P PM5 4822 122 10179
MC6805L3P/XC89507	4822 209 11403	Controlprint B	2056	25 V	47MU PM20 4822 124 22027
MC78M15CT	4822 209 80808		2057	16 V	22N PM30 4822 122 10166
MC79M15CT	5322 209 86361		2058	25 V	47MU PM20 4822 124 22027
MC7906CT	4822 209 82056		2059	16 V	22N PM30 4822 122 10166
SAA7210	4822 209 11155		2060	63 V	4MU7 PM20 4822 124 22031
SAA7220	4822 209 11157		2061	50 V	220P 4822 122 10172
TDA1541P	4822 209 83436		2303	25 V	47MU PM20 4822 124 22027
TY40408 (+5 V)	4822 209 70425		2304	16 V	22N PM30 4822 122 10166
UPD41416C15	4822 209 50682		2305	63 V	2MU2 PM20 4822 124 22029
			2309	63 V	1MU PM20 4822 124 22028
			2310	63 V	470N PM10 4822 121 41757
BC238-16	4822 130 40892		2311	50 V	10MU PM20 4822 124 21701
BC238-40	4822 130 41715		2312	25 V	47MU PM20 4822 124 22027
BC328-16	4822 130 41023		2313	16 V	22N PM30 4822 122 10166
BC548B	4822 130 40937		2315	25 V	47MU PM20 4822 124 22027
BC818-16	4822 130 60071		2316	16 V	22N PM30 4822 122 10166
BC818-25	4822 130 42696		2322	16 V	22N PM30 4822 122 10166
BC848B	5322 130 41982		2323	25 V	47MU PM20 4822 124 22027
BC858B	5322 130 41983		2325	25 V	47MU PM20 4822 124 22026
BF550	4822 130 42131		2344	25 V	47MU PM20 4822 124 22026
BSR56	4822 130 42633		2345	25 V	47MU PM20 4822 124 22026
TRANS BC328-40	4822 130 41715		2350	63 V	4N7 PM2 4822 121 50961
TRANS BC338-16	4822 130 40892		2351	63 V	4N7 PM2 4822 121 50961
			2352	63 V	15N PM2 4822 121 50432
			2353	63 V	15N PM2 4822 121 50432
			2354	160 V	2N0 PM2 4822 121 50987
BAV99	5322 130 34337		2355	160 V	2N0 PM2 4822 121 50987
BAX18	4822 130 34121		2358	25 V	47MU PM20 4822 124 22026
HZ4B2 (3V9)	4822 130 32843		2359	25 V	47MU PM20 4822 124 22026
HZ5B1 (4V7)	4822 130 32986		2360	160 V	2N2 PM2 4822 121 50841
HZ5C2 (5V1)	4822 130 33293		2361	160 V	2N2 PM2 4822 121 50841
HZ6C2 (6V2)	4822 130 32698		2362	250 V	1N0 PM2 4822 121 41531
MV5460 (GREEN)	4822 130 32842		2363	250 V	1N0 PM2 4822 121 41531
TLG123 (GREEN)	5322 130 34959		2364	25 V	47MU PM20 4822 124 22026
TLR123A (GREEN)	5322 130 34959		2365	25 V	47MU PM20 4822 124 22026
TLR123 (RED)	5322 130 34957		2366	10 V	100MU PM20 4822 124 40178
ZENERDIODE HZ5C2 (5V1)	4822 130 33293		2367	10 V	100MU PM20 4822 124 40178
ZENERDIODE HZ6 (6V2)	4822 130 32698		2377	50 V	220MU PM20 4822 124 41314
1N4002 (TOSJ)	5322 130 30684		2395	63 V	100MU PM20 4822 124 21604
1N4148	4822 130 30621		2396	16 V	6800MU PM20 4822 124 21991
			2397	16 V	1000MU PM20 4822 124 40335
			2398	50 V	220MU PM20 4822 124 41314
			2400	25 V	47MU PM20 4822 124 22026
			2401	25 V	47MU PM20 4822 124 22026
			2402	25 V	47MU PM20 4822 124 22026
			2403	25 V	47MU PM20 4822 124 22026
			2501	CERC DISC 400 V 3N3 4822 122 40327	
					
1051	Cristal 6MHz	Controlprint A 4822 242 70392			
1051	Cer. res. 4 MHz	Controlprint B 4822 242 70831			
1301	Cristal 6 MHz	4822 242 70392			
1302	Cristal 11289.60 kHz	4822 242 71349			
					
5301	Coil 470 μH	PM10 4822 157 51193			
5302	Coil 470 μH	PM10 4822 157 51193			
5303	HF-trafo	4822 148 80281			
5304	Coil 2.2 μH	4822 157 50963			

						
3051	NFR25	2R2	PM5	4822 111 30492	BU1	Mains inlet 4822 265 20262
3052	SFR25	1M0	PM5	4822 116 52493	BU2,3	Cinch socket 2p A.F. out 4822 267 30722
3053	SFR25	4K7	PM5	4822 116 52426	BU4	Remote Control DIN socket 4822 267 40284
3054	SFR25	4K7	PM5	4822 116 52426	BU5	DIG-OUT socket 4822 267 30673
3055	SFR25	47R	PM5	4822 116 52367	Miscellaneous	
3056	SFR25	1K0	PM5	4822 116 52391		
3059	SFR25	4K7	PM5	4822 116 52426	SK1	4822 276 11309
3060	SFR25	4K7	PM5	4822 116 52426	SK16+SK28	4822 276 11276
3061	SFR25	4K7	PM5	4822 116 52426	Fuse holder	4822 492 60063
3064	NFR25	3R3	PM5	4822 111 30593	220/240 V version	
3065	SFR25	330R	PM5	4822 116 52416	200 mA	4822 253 30012
3066	SFR25	4K7	PM5	4822 116 52426	1701 110/127 V version	
3068	SFR25	330R	PM5	4822 116 52416	400 mA	4822 253 30016
3069	SFR25	330R	PM5	4822 116 52416	Transformer fuse	4822 252 20007
3070	SFR25	4K7	PM5	4822 116 52426	Display NSM4202A	4822 130 90262
3071	SFR25	330R	PM5	4822 116 52416	5001 Mainstransformer	4822 146 21122
3072	NFR25	3R3	PM5	4822 111 30593	5001 Mainstransformer only for	
3074	NFR25	1R0	PM5	4822 111 30483	/07R/17R/	4822 146 21134
3075	SFR25	4K7	PM5	4822 116 52426		
3077	SFR25	47R	PM5	4822 116 52367		
3078	SFR25	330R	PM5	4822 116 52416		
3079	SFR25	4K7	PM5	4822 116 52426		
3080	SFR25	150R	PM5	4822 116 52398		
3301	NFR25	2R2	PM5	4822 111 30492		
3320	SFR25	27R	PM5	4822 110 73065		
3321	NFR25	4R7	PM5	4822 111 30499		
3326	NFR25	1R0	PM5	4822 111 30483		
3330	NFR25	4R7	PM5	4822 111 30499		
3331	NFR25	10R	PM5	4822 111 30508		
3332	NFR25	10R	PM5	4822 111 30508		
3333	NFR25	22K	PM5	4822 116 52463		
3334	SFR25	4M7	PM5	4822 116 52528		
3335	SFR25	150K	PM5	4822 116 52501		
3348	MRS25	1K0	PM1	4822 116 53108		
3349	MRS25	1K0	PM1	4822 116 53108		
3350	MRS25	1K8	PM1	4822 116 53109		
3351	MRS25	1K8	PM1	4822 116 53109		
3352	NFR25	100R	PM5	4822 111 30535		
3353	NFR25	100R	PM5	4822 111 30535		
3354	MRS25	2K4	PM1	4822 116 52851		
3355	MRS25	2K4	PM1	4822 116 52851		
3356	MRS25	2K4	PM1	4822 116 52851		
3357	MRS25	2K4	PM1	4822 116 52851		
3358	NFR25	100R	PM5	4822 111 30535		
3359	NFR25	100R	PM5	4822 111 30535		
3394	SFR25	47R	PM5	4822 116 52367		

SYMBOL	DESCRIPTION
	Operational amplifier
	Differential amplifier
	Splitter
	Operational amplifier with open output
	Exclusive OR gate
	True/complement amplifier with high input
	Flip Flop
	AND gate
	OR gate
	Inverter with high input

	0.2W (CR 16)	$\leq 220k\Omega$ $> 270k\Omega$	5% 10%
	0.33W (CR 25)	$\leq 1 M\Omega$ $> 1 M\Omega$	5% 10%
	0.33W (SFR25)		5%
	0.25W (VR 25)	$\leq 10M\Omega$ $> 10M\Omega$	5% 10%
	0.5W (CR 37)	$\leq 1 M\Omega$ $> 1 M\Omega$	5% 10%
	0.67W (CR 52)		5%
	1.15W (CR 68)		5%
	Ceramic plate		
	Polyester flat foil		
	Polyester mepolesco		
	Mylar (Polyester flat foil small sized)		
	Micropoco		
	Tubular ceramic (body colour pink or yellow/green)		
	Miniature single elco		
	Subminiature tantalum		

*
a = 2.5 V
b = 4 V
c = 6.3 V
d = 10 V
e = 16 V
f = 25 V
g = 40 V
h = 63 V
i = 100 V
j = 125 V
l = 125 V
m = 150 V
n = 160 V
o = 200 V
p = 250 V
q = 300 V
r = 350 V
s = 400 V
t = 500 V
u = 630 V
v = 1000 V
x = 1.6 V
A = 6 V
B = 12 V
C = 15 V
D = 20 V
E = 35 V
F = 50 V
G = 75 V
H = 80 V

MDA.00084