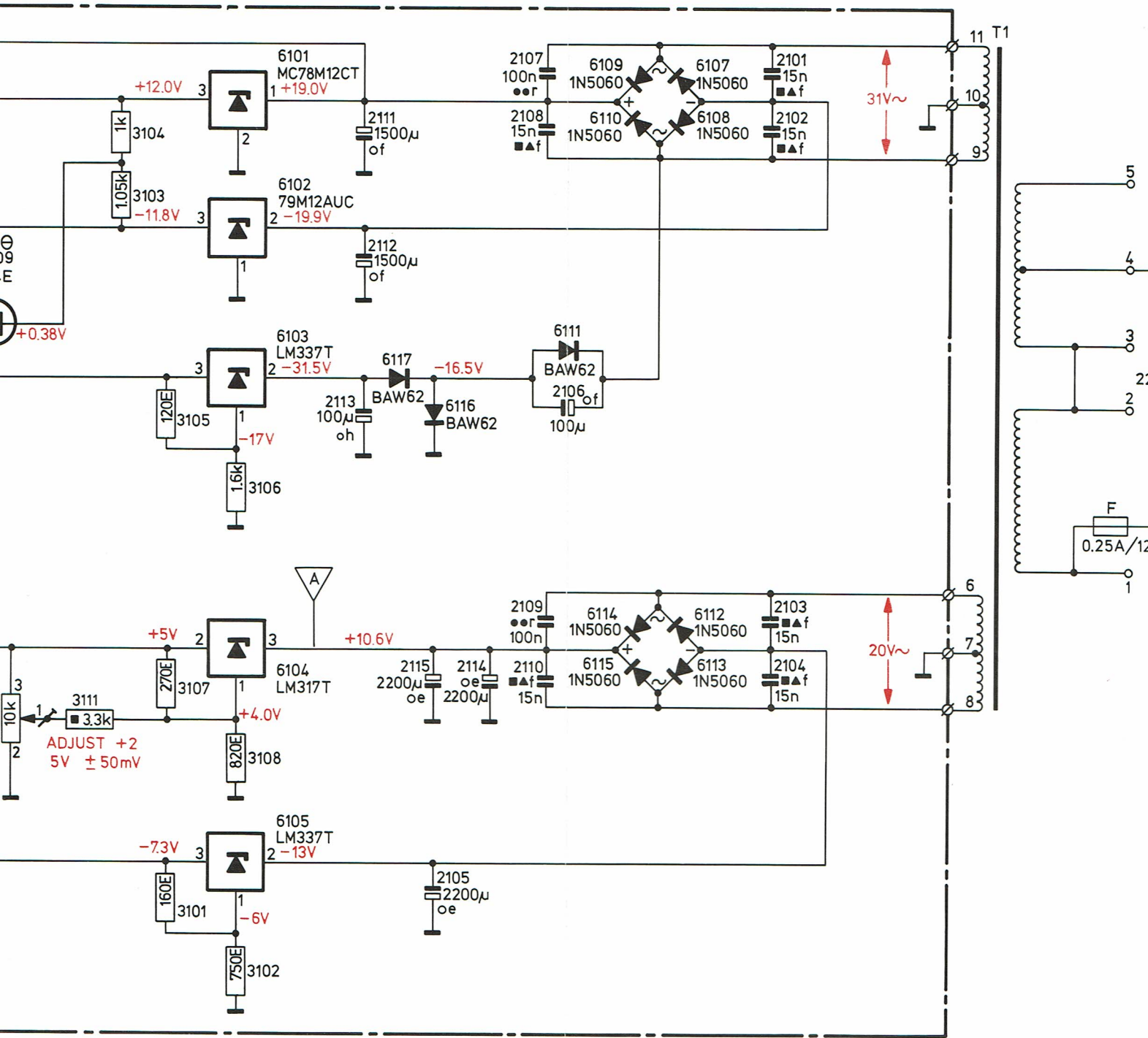
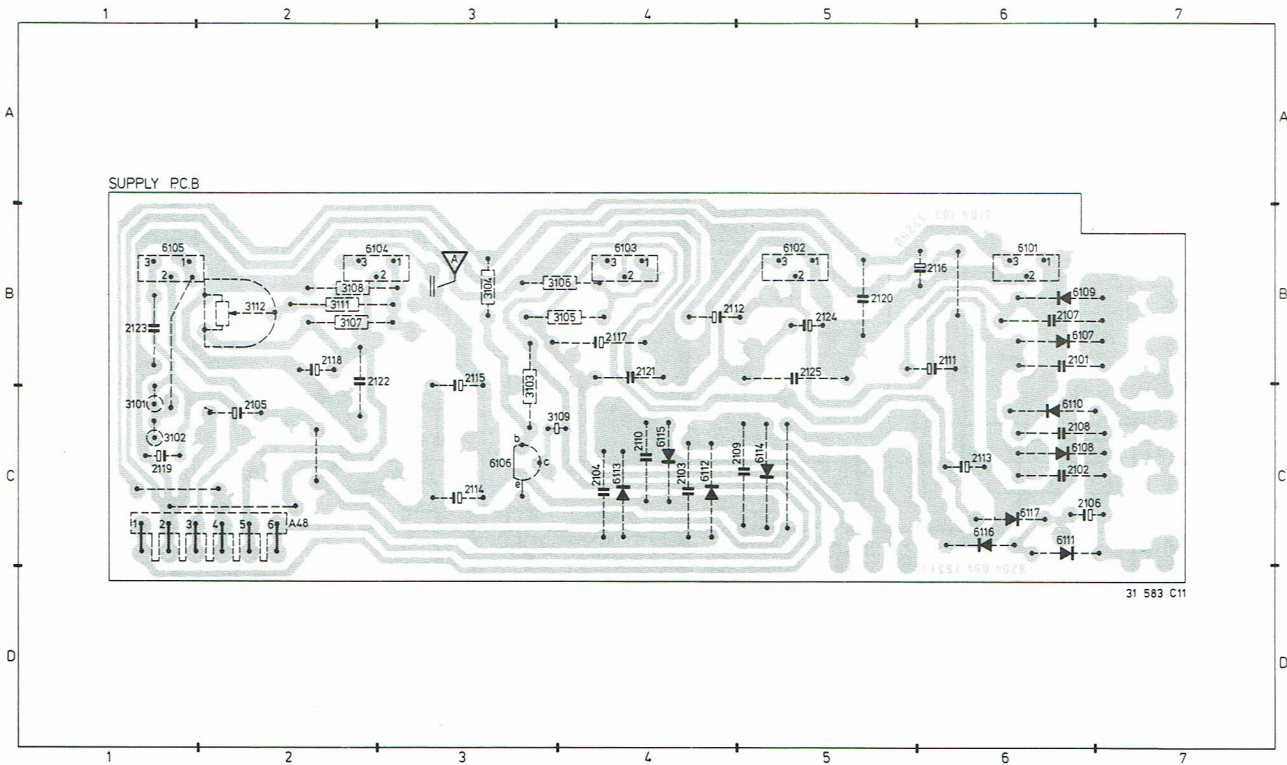


ITEM	CD
T1	A08
2101	B07
2102	B07
2103	D07
2104	E07
2105	F05
2106	C06
2107	B05
2108	B05
2109	D05
2110	E05
2111	B05
2112	C05
2113	C04
2114	E05
2115	E05
2116	B02
2117	C02
2118	E02
2119	F02
2120	B02
2121	C02
2122	E02
2123	F02
2124	C02
2125	C02
3101	F04
3102	F04
3103	B03
3104	B03
3105	C04
3106	D04
3107	E04
3108	E04
3109	C03
3111	E03
3112	E03
6101	B04
6102	B04
6103	C04
6104	E04
6105	F04
6106	C02
6107	B06
6108	B06
6109	B06
6110	B06
6111	C06
6112	D06
6113	E06
6114	D06
6115	E06
6116	C05
6117	C05



31 450 C15

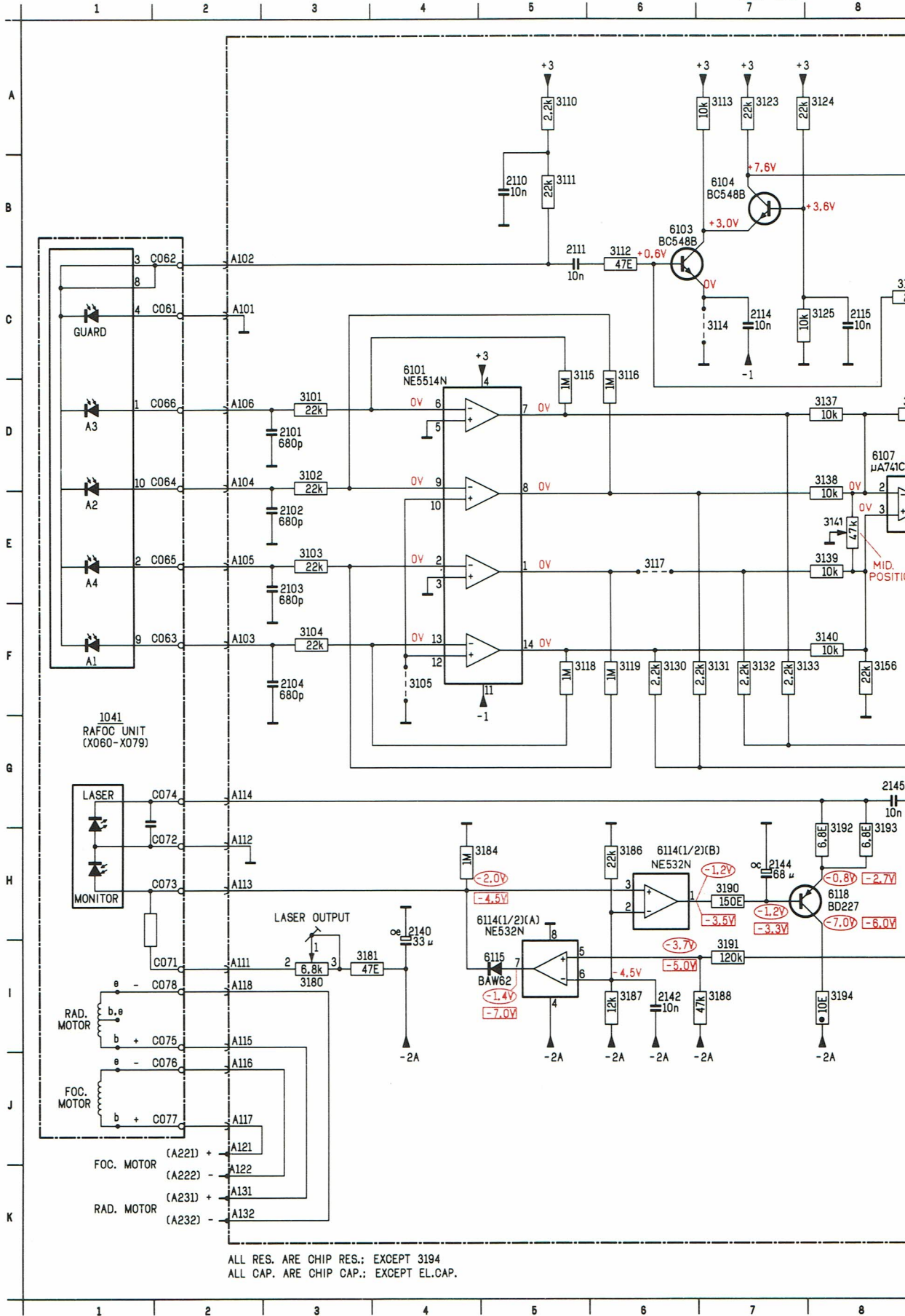




3101	160E - 1% MR	5322 116 50417
3102	750E - 1% MR	4822 116 51234
3103	1.05k - 1% MR	5322 116 55286
3104	1k - 1% MR	4822 116 51235
3105	120E - 1% MR	5322 116 54426
3106	1.6k - 1% MR	4822 116 51241
3107	270E - 1% MR	4822 116 51225
3108	820E - 1% MR	5322 116 54541
3109	9.4E - 1% MR	4822 116 40031
F	0.25 A/125°C	4822 252 20007
Miscellaneous		
Mica washer		4822 255 40161
Insulating jig		4822 403 51043
Spring clip		4822 492 62828

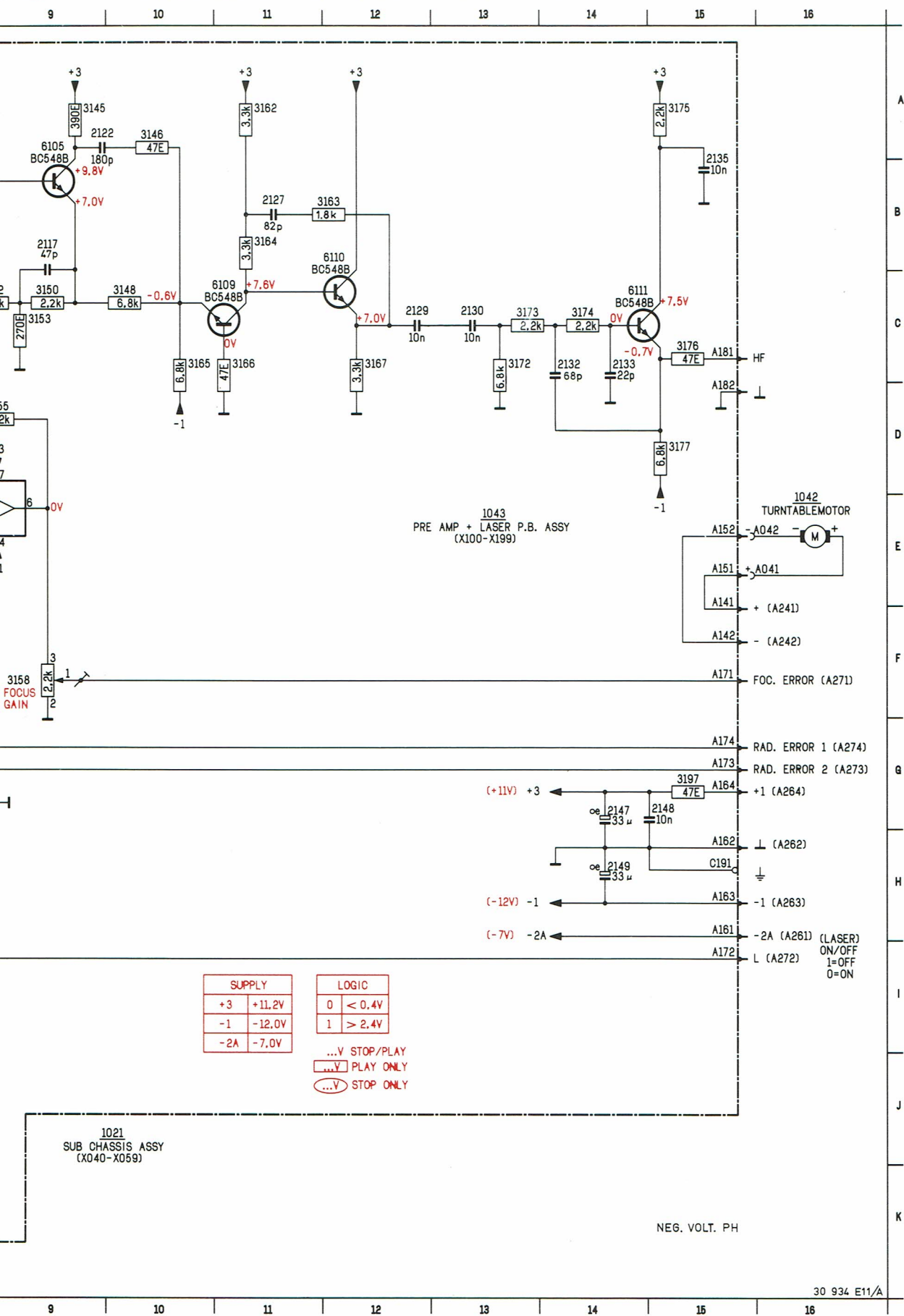
ITEM	PCB		
2101	B06	3106	B04
2102	C06	3107	B02
2103	C04	3108	B02
2104	C04	3109	C03
2105	C02	3111	B02
2106	C06	3112	B02
2107	B06	6101	B06
2108	C06	6102	B05
2109	C04	6103	B04
2110	C04	6104	B03
2111	B06	6105	B01
2112	B04	6106	C03
2113	C06	6107	B06
2114	C03	6108	C06
2115	B03	6109	B06
2116	B06	6110	C06
2117	B04	6111	C06
2118	B02	6112	C04
2119	C01	6113	C04
2120	B05	6114	C05
2121	B04	6115	C04
2122	B03	6116	C06
2123	B01	6117	C06
2124	B05		
2125	B05		
3101	C01		
3102	C01		
3103	C03		
3104	B03		
3105	B04		

2101	D 3	2111	B 5	2127	B11	2135	A15	2147	G14	3103	E 3	3112	B 6	3117	F 6	3125	C 8	3137	D 8	3146	K 1	3
2102	F 3	2114	C 7	2129	C12	2140	H 4	2148	G15	3104	F 3	3113	A 7	3118	F 5	3130	F 6	3138	D 8	3148	K 1	3
2103	F 3	2115	C 8	2130	C13	2142	I 6	2149	H14	3105	F 4	3114	C 7	3119	F 6	3131	F 7	3139	E 8	3150	K 1	3
2104	F 3	2117	B 9	2132	C14	2144	H 7	3101	D 3	3110	A 5	3115	C 5	3123	A 7	3132	F 7	3140	F 8	3152	K 1	3
2110	B 5	2122	A 9	2133	C14	2145	G 8	3102	D 3	3111	B 5	3116	C 6	3124	A 8	3133	F 8	3141	E 8	3153	C 9	3



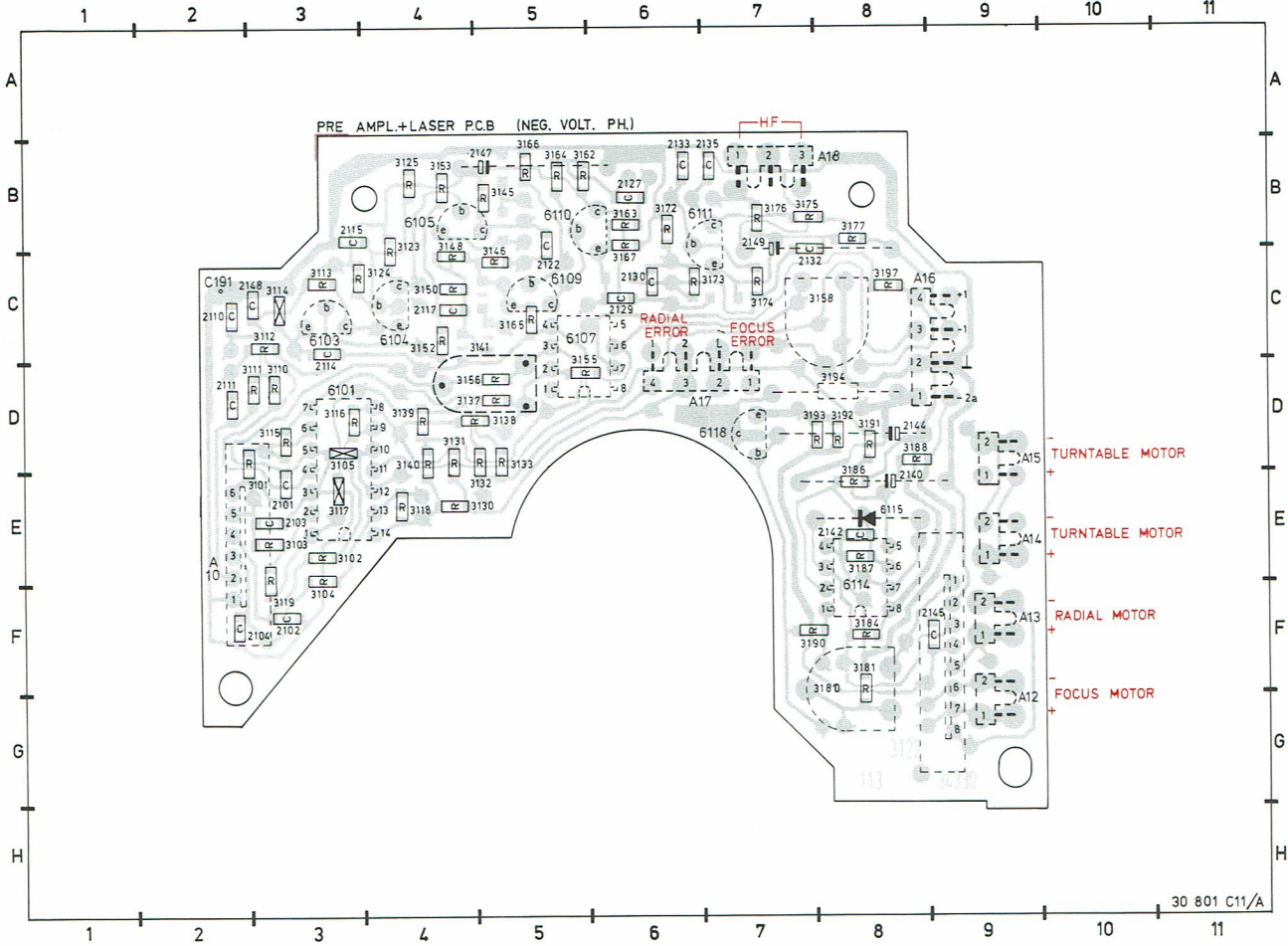
ALL RES. ARE CHIP RES.; EXCEPT 3194
ALL CAP. ARE CHIP CAP.; EXCEPT EL.CAP.

5	D	3164	B11	3172	C13	3177	D15	3187	I 6	3:93	H 8	6104	B 7	6111	C14
6	F	3165	C10	3173	C13	3180	I 3	3188	I 7	3194	I 8	6105	A 9	6114	H 6
7	F	3166	C11	3174	C14	3181	I 3	3190	H 7	3197	C15	6107	D 8	6114	H 5
8	A11	3167	C12	3175	A15	3184	H 5	3191	I 7	6101	C 4	6109	C11	C115	I 5
9	B12			3176	C15	3186	H 6	3192	H 8	6103	B 6	6110	B12	6118	H 8



SUPPLY		LOGIC	
+3	+11.2V	0	< 0.4V
-1	-12.0V	1	> 2.4V
-2A	-7.0V		

...V STOP/PLAY
 ...V PLAY ONLY
 ...V STOP ONLY



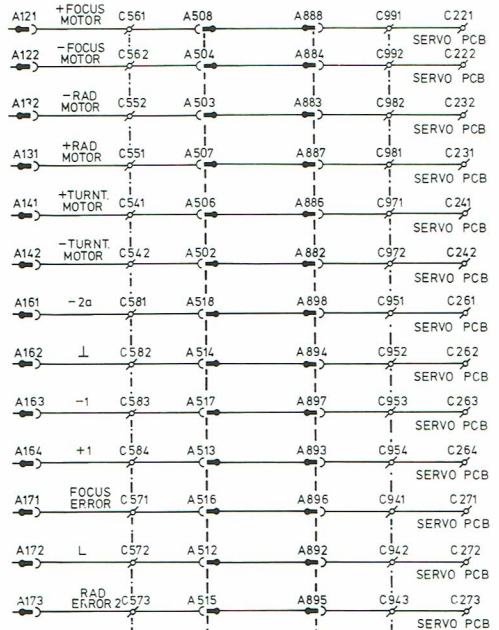
See page 8-21

ITEM PCB

2101	E03	3117	E03	3172	B06
2102	F03	3118	E04	3173	C06
2103	E03	3119	F03	3174	C07
2104	F03	3123	B04	3175	B07
2110	C02	3124	C03	3176	B07
2111	D02	3125	B04	3177	B08
2114	D03	3130	E04	3180	F08
2115	B03	3131	D04	3181	F08
2117	C04	3132	E05	3184	F08
2122	B05	3133	D05	3186	D08
2127	B06	3137	D05	3187	E08
2129	C06	3138	D05	3188	D08
2130	C06	3139	D04	3190	F08
2132	C07	3140	D04	3191	D08
2133	B06	3141	D04	3192	D08
2135	B07	3145	B04	3193	D07
2140	E08	3146	C05	3194	D08
2142	E08	3148	C04	3197	C08
2144	D08	3150	C04	6101	D03
2145	F09	3152	C04	6103	C03
2147	B05	3153	B04	6104	C04
2148	C03	3155	D06	6105	B04
2149	B07	3156	D05	6107	C05
3101	E03	3158	C08	6109	C05
3102	E03	3162	B05	6110	B05
3103	E03	3163	B06	6111	B07
3104	F03	3164	F03	6114	F08
3105	D03	3165	C05	6115	E08
3110	D03	3166	B05	6118	D07
3111	D03	3167	C06		
3112	C02				
3113	C03				
3114	C03				
3115	C03				
3116	D03				

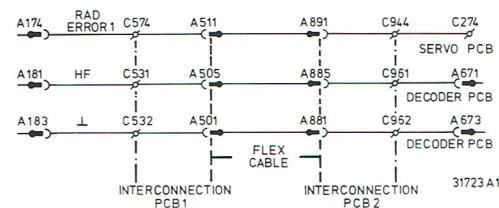
WIRING VIA FLEX CABLES

FROM PRE -AMP PCB TO...

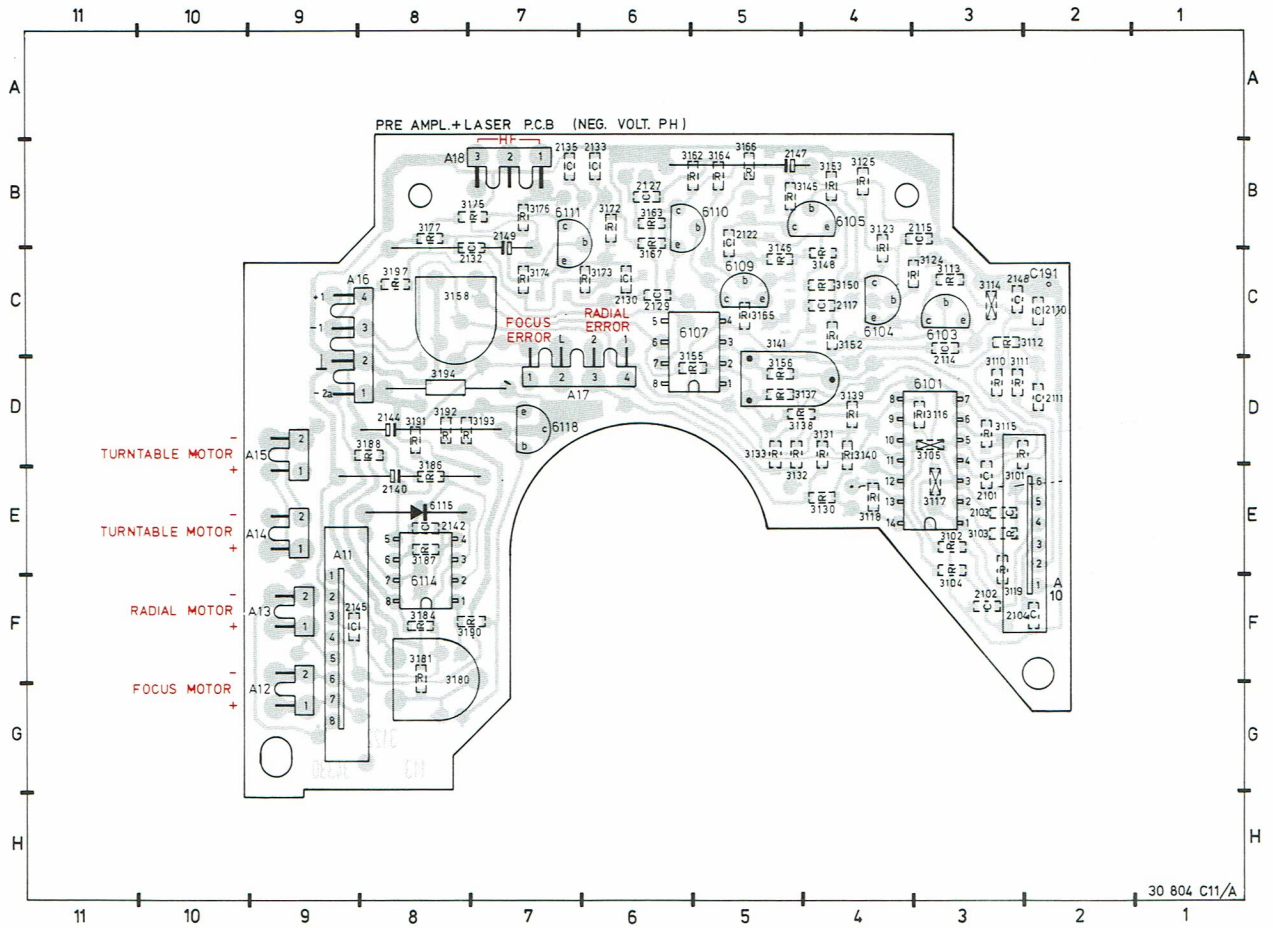


31722 A13

FROM PRE -AMP TO.....



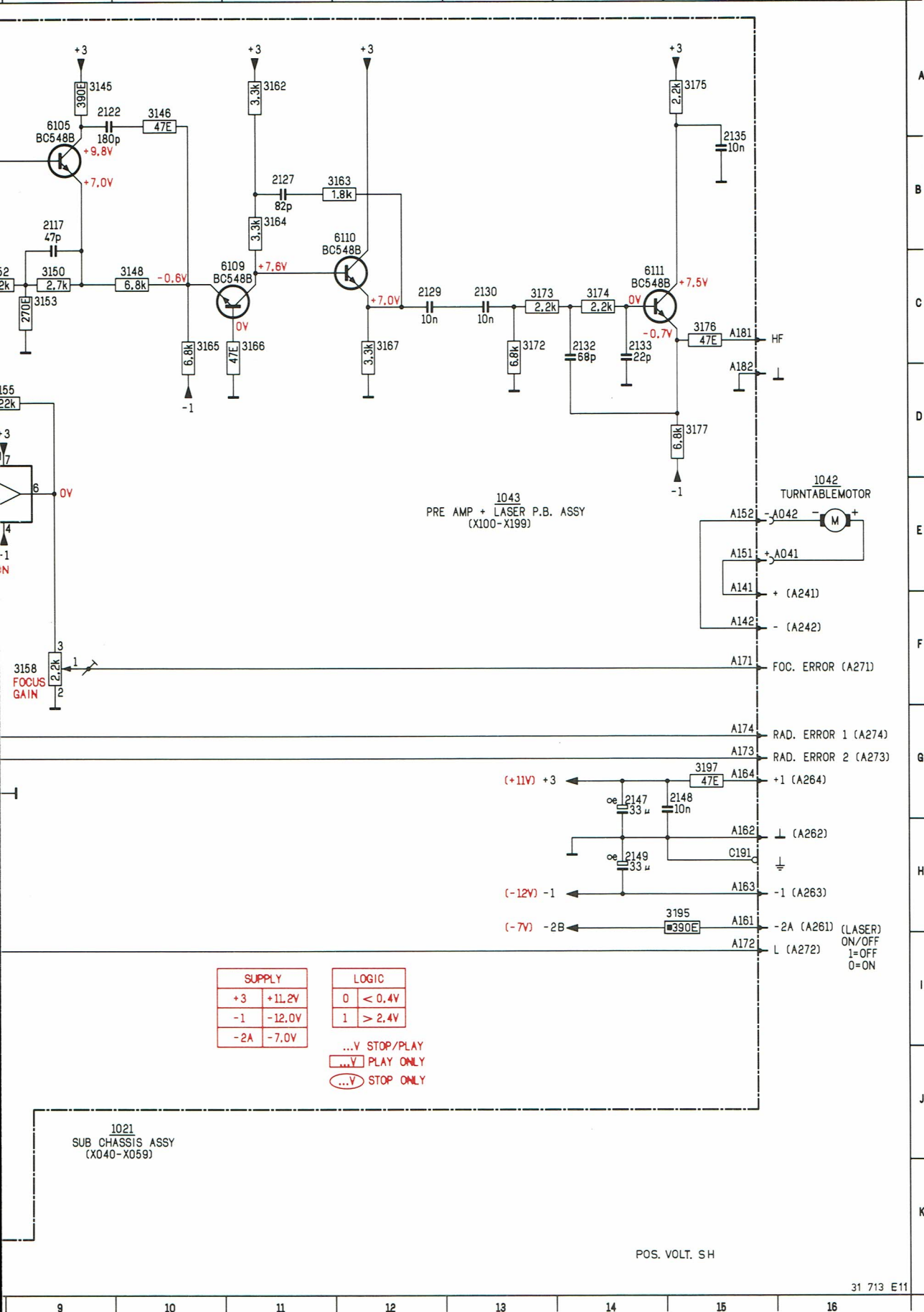
CS 86 825



Pre-amplifier + laser print 4822 214 50307

BC548B	4822 130 40937	3k3	4822 111 90157
BD227	5322 130 44661	6k8	5322 111 90117
		10k	4822 111 90249
		12k	4822 111 90253
		22k	4822 111 90251
NE5514N	4822 209 81451	47k	5322 111 90112
NE532N	4822 209 80818	120k	4822 111 90149
μ A741CN	4822 209 80617	1M	4822 111 90252
BAW62	4822 130 30613	22 pF	4822 122 31837
		47 pF	4822 122 31772
		68 pF	4822 111 90308
		82 pF	4822 122 31839
		180 pF	4822 122 31757
3141	47k	680 pF	4822 122 31809
3158	2k2	10 nF	4822 122 31728
3180	6k8		
0E	4822 111 90163	6p - A10	4822 267 50412
6E8	4822 111 90254	8p - A11	4822 267 50413
47E	4822 111 90217		
150E	5322 111 90098		
270E	4822 111 90154		
390E	5322 111 90138		
1k8	5322 111 90101		
2k2	4822 111 90248		
2k7	4822 111 90179		

55	D 9	3164	B11	3172	C13	3177	D15	3187	I 6	3193	H 4	6104	B 7	6111	C14
56	F 8	3165	C10	3173	C13	3180	I 3	3188	I 7	3194	I 8	6105	A 9	6114	H 6
58	F 9	3166	C11	3174	C14	3181	I 3	3190	H 7	3195	H14	6107	D 8	6114	H 5
62	A11	3167	C12	3175	A15	3184	H 5	3191	I 7	3197	C15	6109	C11	6115	I 5
63	B12			3176	C15	3186	H 6	3192	H 8	6101	C 4	6110	B12	6116	I 4
										6103	B 6			6118	H 8



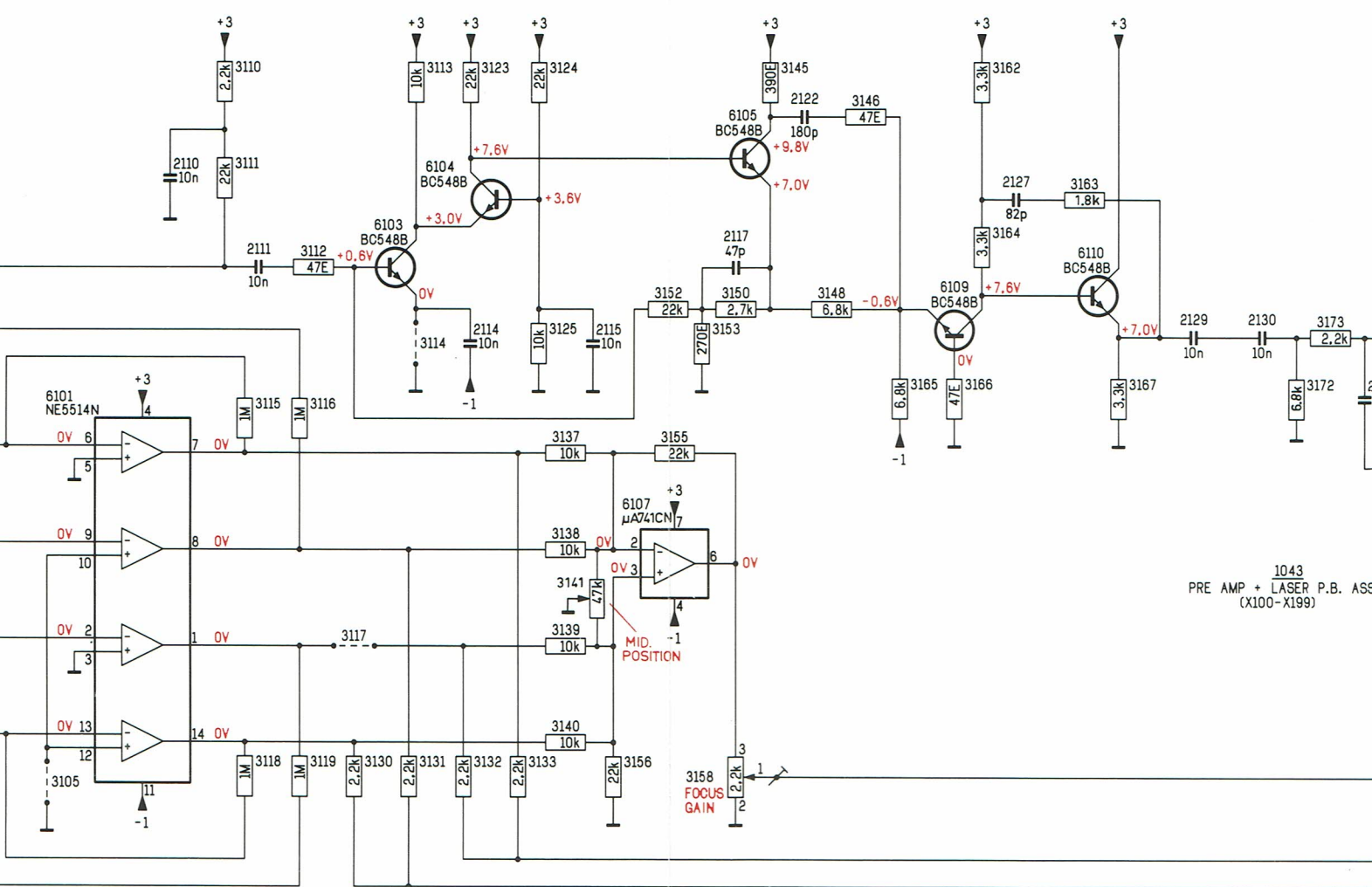
SUPPLY	
+3	+11.2V
-1	-12.0V
-2A	-7.0V

LOGIC	
0	< 0.4V
1	> 2.4V

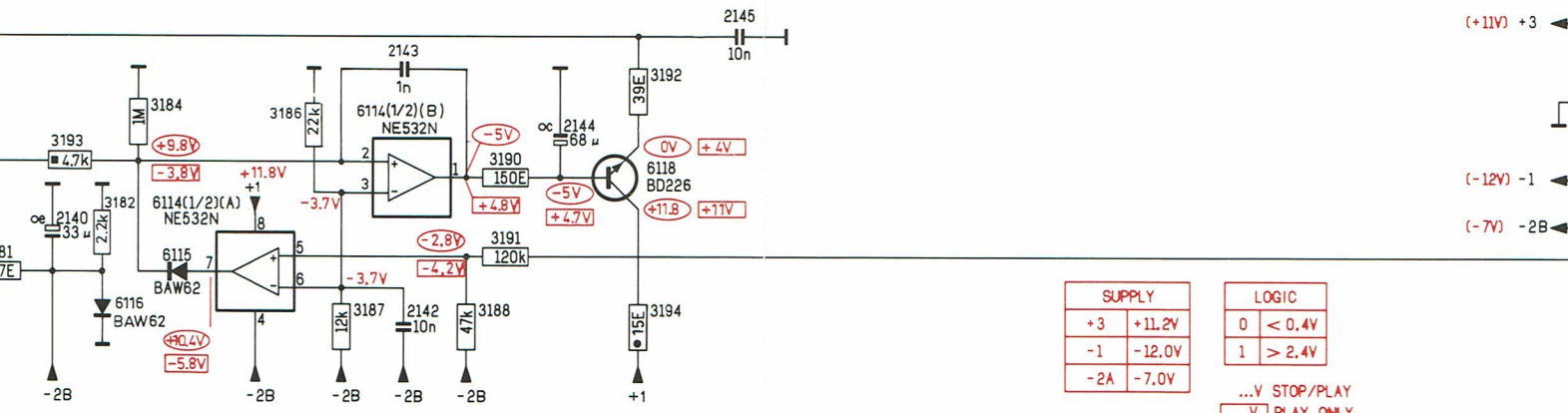
- ...V STOP/PLAY
- ...V PLAY ONLY
- ...V STOP ONLY

(LASER)
ON/OFF
1=OFF
0=ON

G14	3103	E 3	3112	B 6	3117	E 6	3125	C 8	3137	D 8	3146	K 1	3155	D 9	3164	B11	3172	C13	3177	D15	3187	I 6	3193	H 4	6104	B 7	6111	
G15	3104	F 3	3113	A 7	3118	F 5	3130	F 6	3138	D 8	3148	K 1	3156	F 8	3165	C10	3173	C13	3180	I 3	3188	I 7	3194	I 8	6105	A 9	6114	
H14	3105	F 4	3114	C 7	3119	F 6	3131	F 7	3139	F 8	3150	K 1	3158	F 9	3166	C11	3174	C14	3181	I 3	3190	H 7	3195	H14	6107	D 8	6114	
D 3	3110	A 5	3115	C 5	3123	A 7	3132	F 7	3140	F 8	3152	K 1	3162	A11	3167	C12	3175	A15	3184	H 5	3191	I 7	3197	C15	6109	C11	6115	
D 3	3111	B 5	3116	C 6	3124	A 8	3133	F 8	3141	E 8	3153	C 9	3163	B12			3176	C15	3186	H 6	3192	H 8	6101	C 4	6110	B12	6116	
									3145	A 9													6103	B 6	6104	B 7	6116	



1043
PRE AMP + LASER P.B. ASSY
(X100-X199)



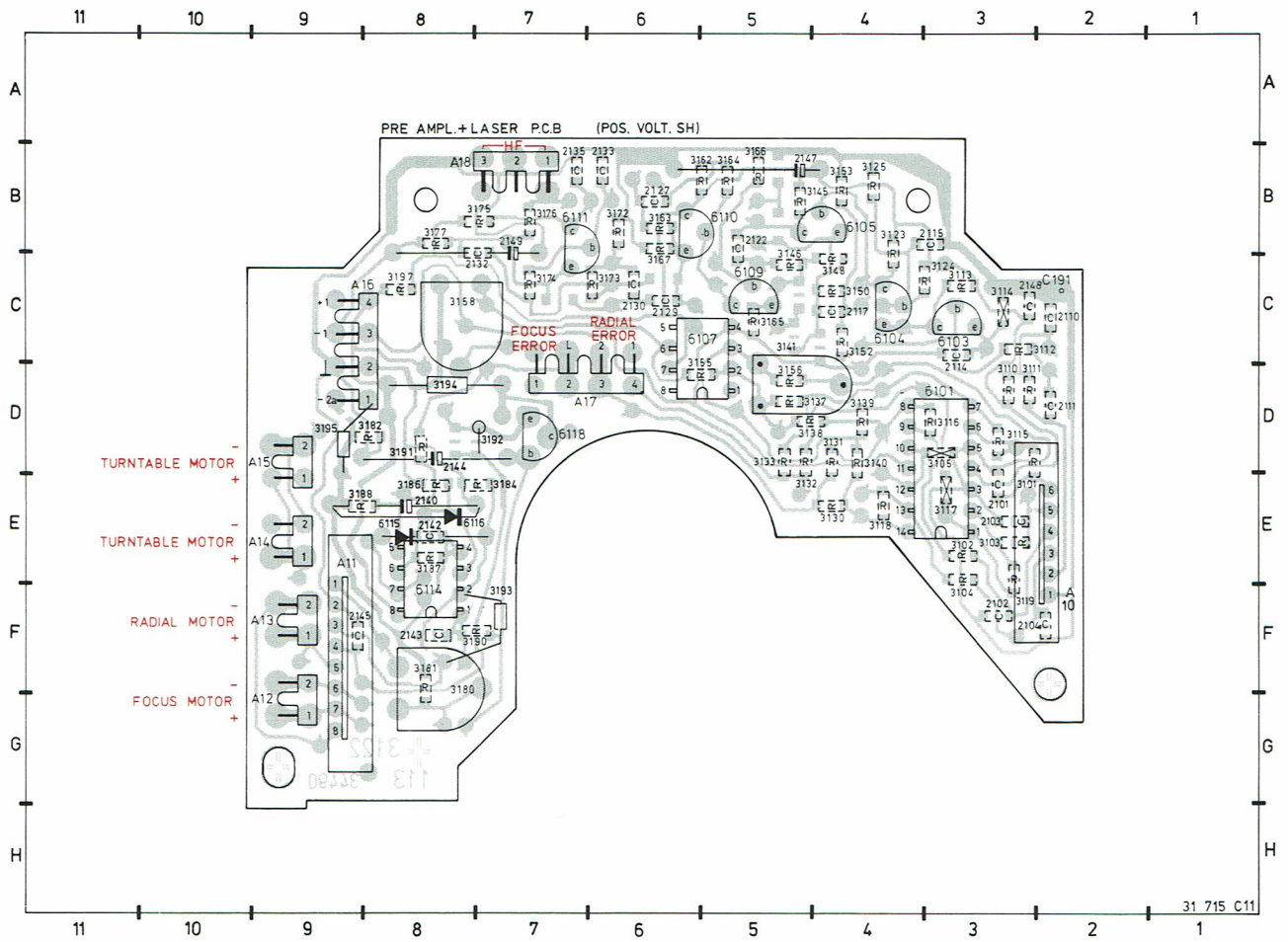
SUPPLY		LOGIC	
+3	+11.2V	0	< 0.4V
-1	-12.0V	1	> 2.4V
-2A	-7.0V		

...V STOP/PLAY
 ...V PLAY ONLY
 ...V STOP ONLY

1021
SUB CHASSIS ASSY
(X040-X059)

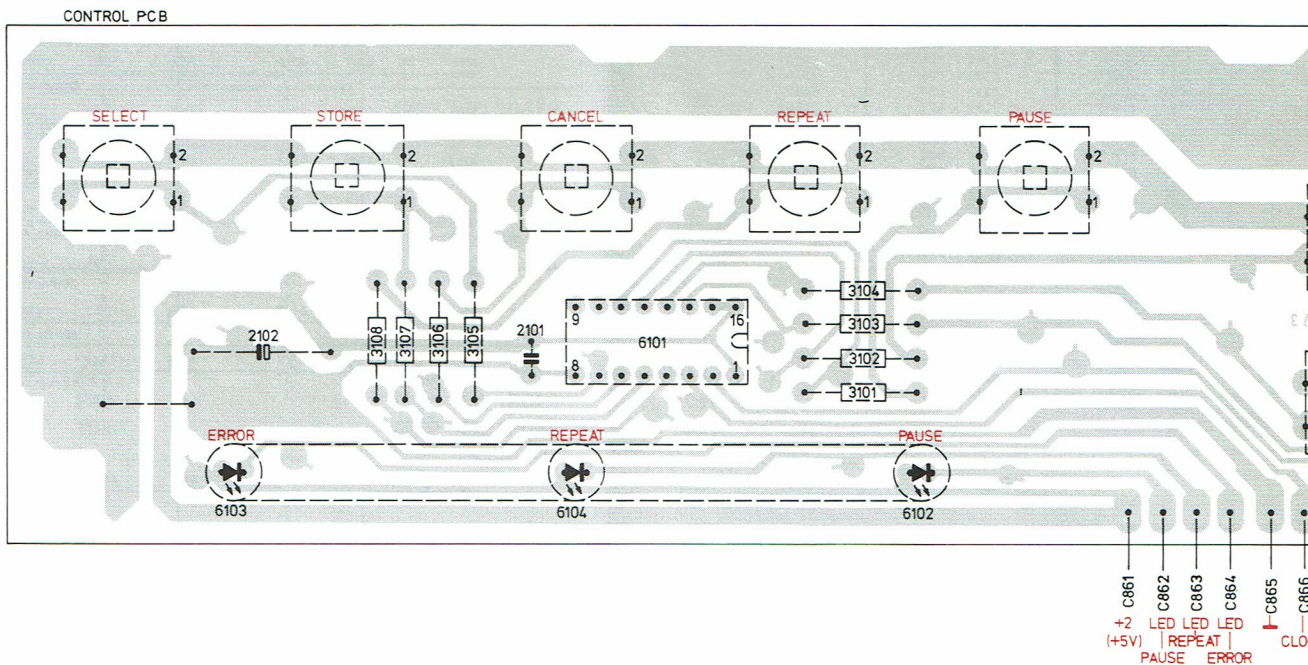
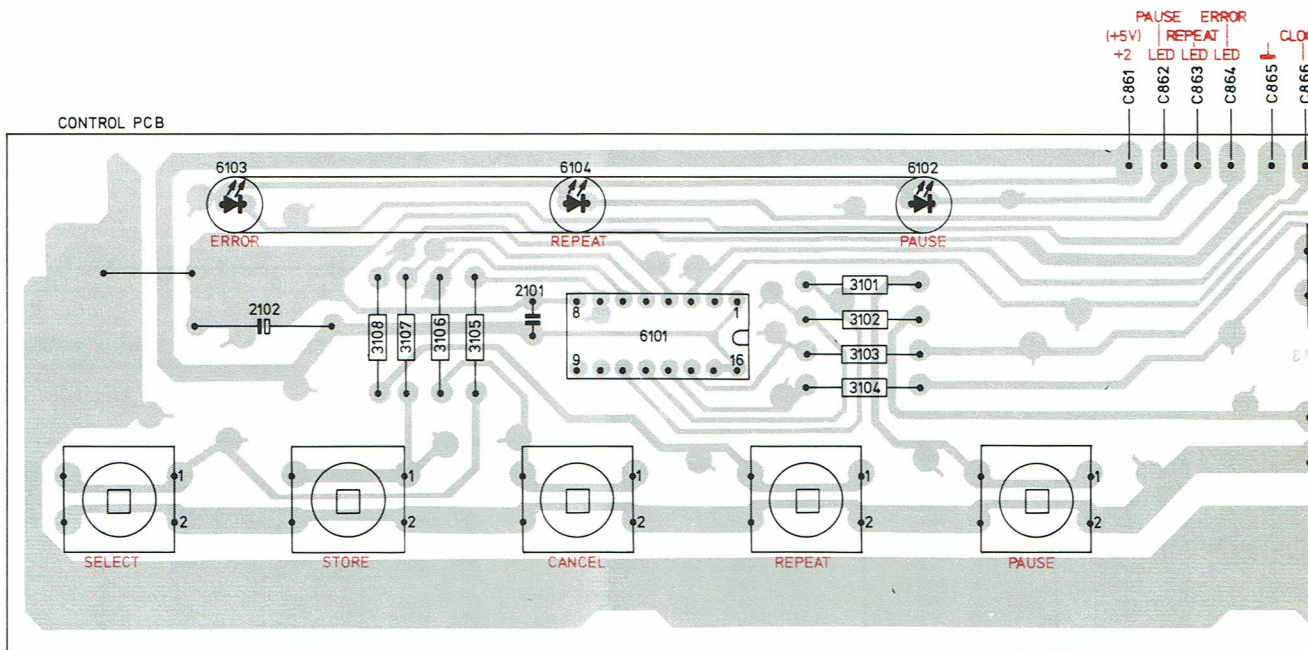
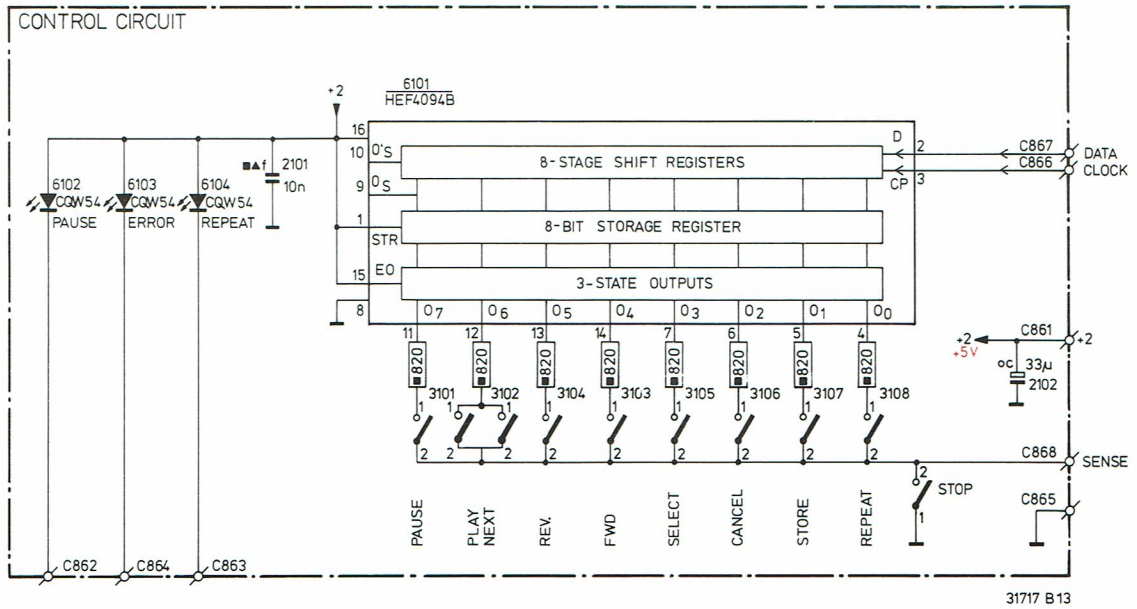
EXCEPT 3193, 3194, 3195
EXCEPT EL.CAP.

	4	5	6	7	8	9	10	11	12	13	
--	---	---	---	---	---	---	----	----	----	----	--





Pre-amplifier + laser print 4822 214 50325

BC548B	4822 130 40937		270E	4822 111 90154
BD227	5322 130 44661		390E	5322 111 90138
			1k2	5322 111 90096
			1k8	4822 111 90101
			2k7	4822 111 90179
			3k3	4822 111 90157
NE5514N	4822 209 81451		6k8	5322 111 90117
NE532N	4822 209 80818		10k	4822 111 90249
μ A741CN	4822 209 80617		12k	4822 111 90253
			22k	4822 111 90251
			47k	5322 111 90112
			120k	4822 111 90149
BAW62	4822 130 30613		1M	4822 111 90252
39E	PR37	5322 116 55063		
			22 pF	4822 122 31837
			47 pF	4822 122 31772
			68 pF	4822 111 90308
			82 pF	4822 122 31839
			180 pF	4822 122 31757
3141	47k	4822 100 10079	680 pF	4822 122 31809
3158	2k2	4822 100 10029	1 n	5322 122 31647
3180	10k	4822 100 10035	10 nF	4822 122 31728
0E		4822 111 90163	6p - A10	4822 267 50412
6E8		4822 111 90254	8p - A11	4822 267 50413
10E		4822 110 53054		
47E		4822 111 90217		
150E		5322 111 90098		

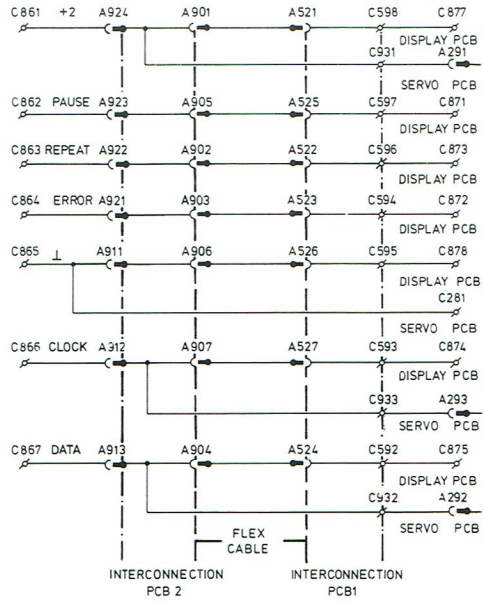


"Control"

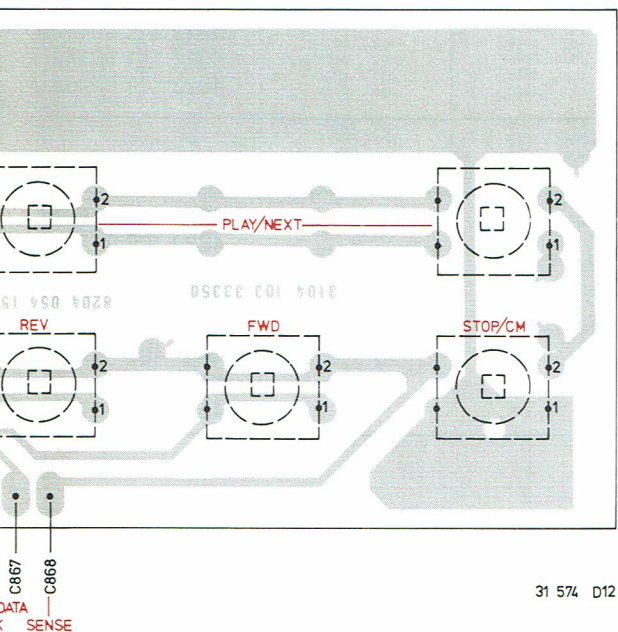
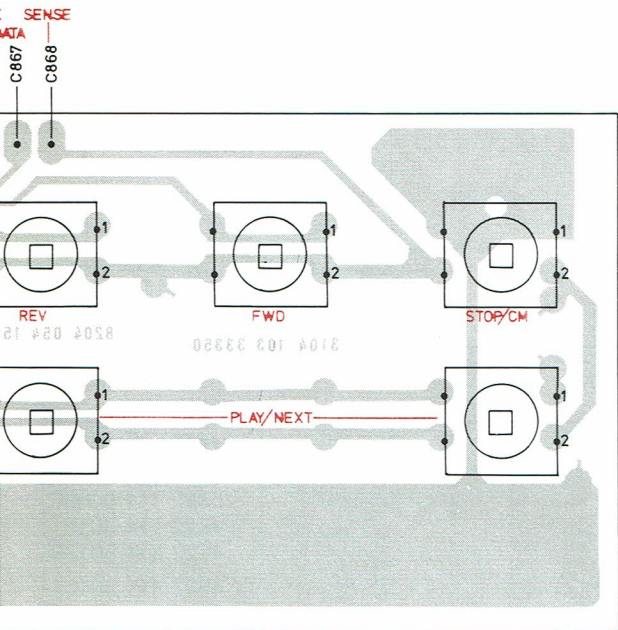
	
HEF4094B	5322 209 14485
	
CQW54	4822 130 32069
	4822 271 30259

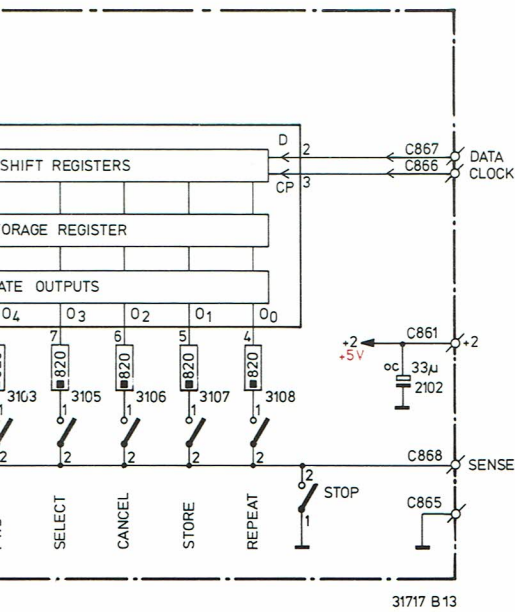
See page 8-21

WIRING VIA FLEX CABLES
FROM THE CONTROL PCB TO.....



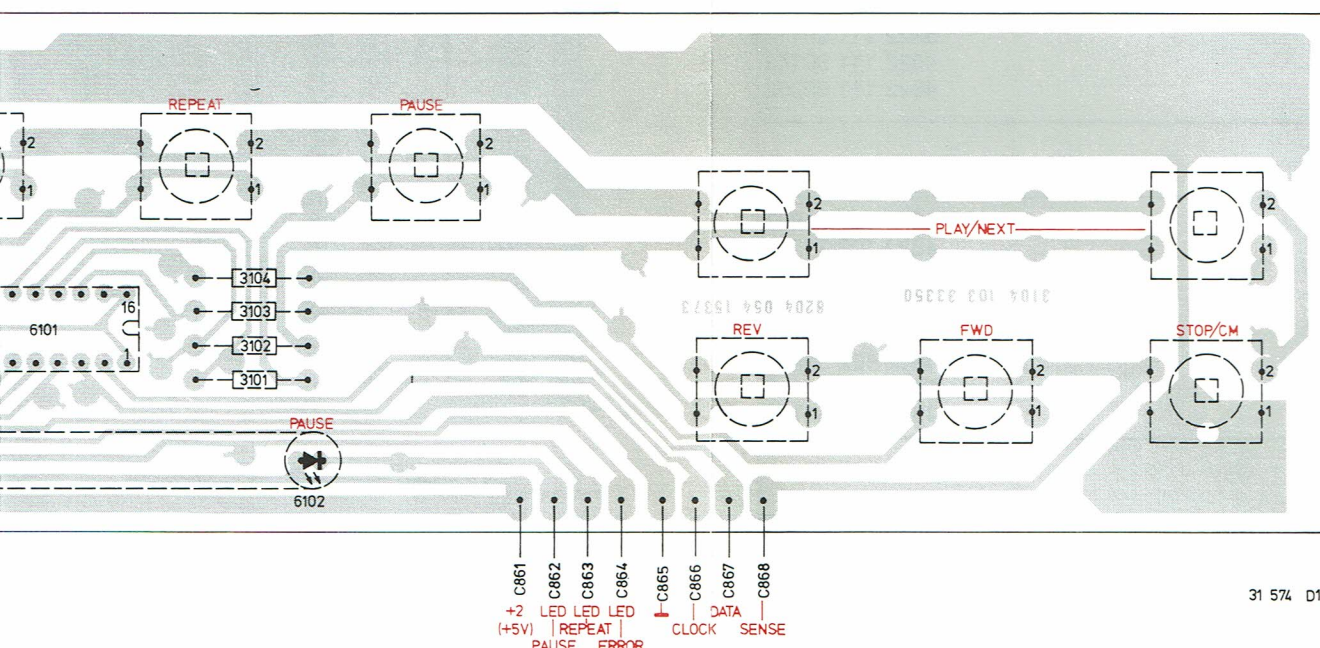
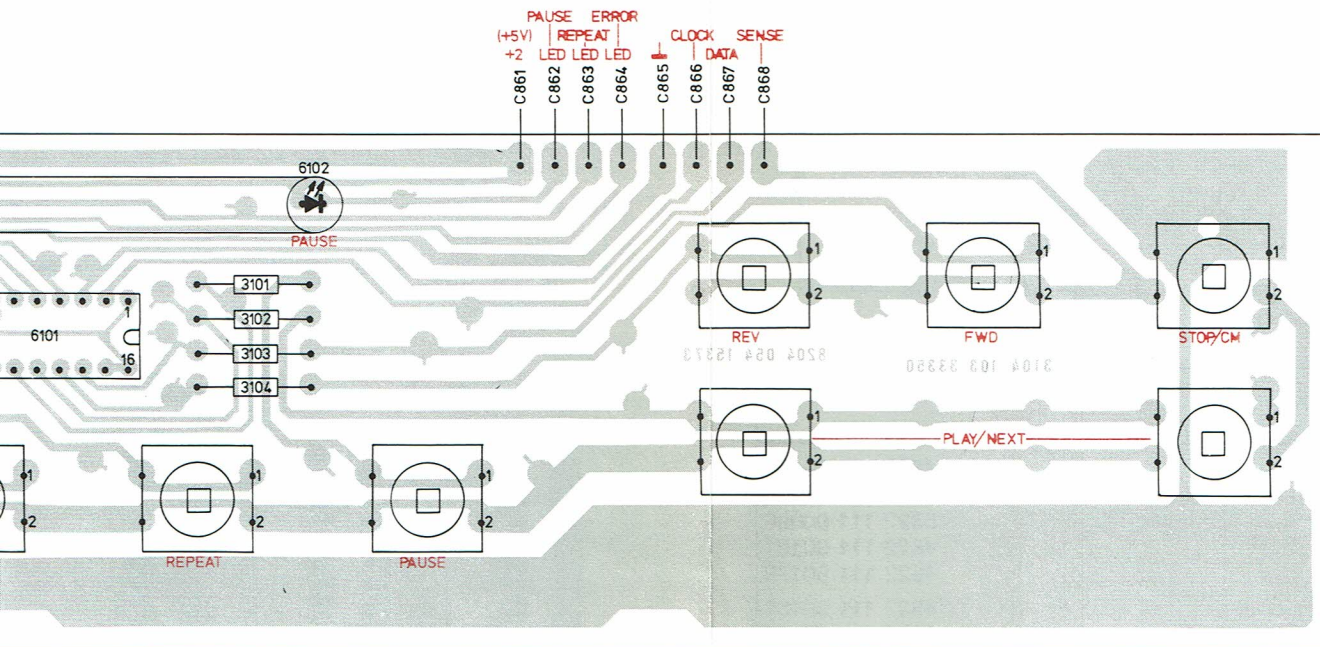
31726 A13



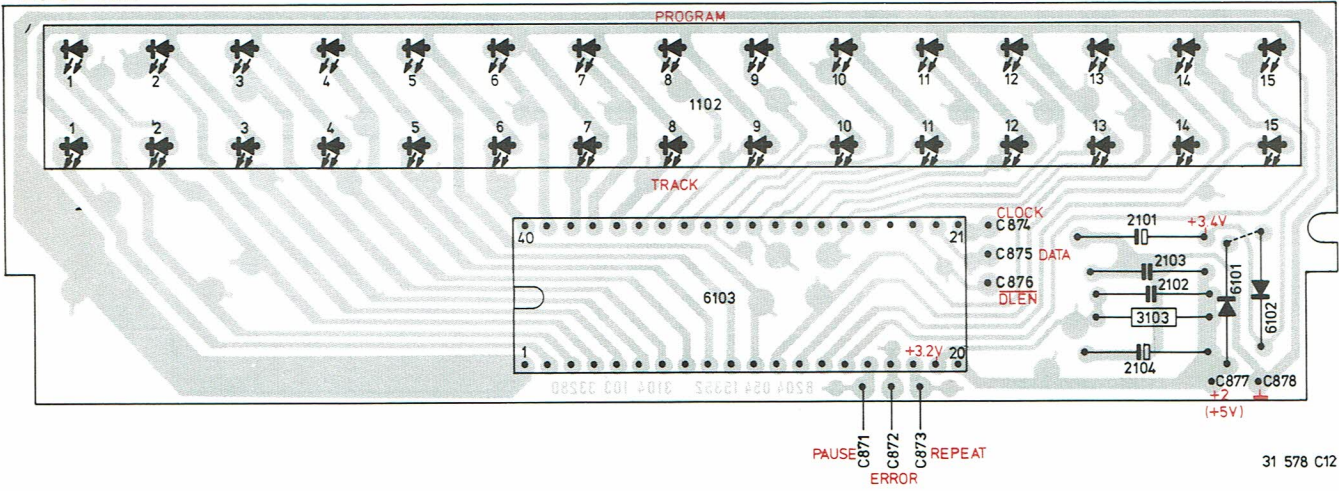


"Control"

	HEF4094B	5322 209 14485
	CQW54	4822 130 32069
		4822 271 30259

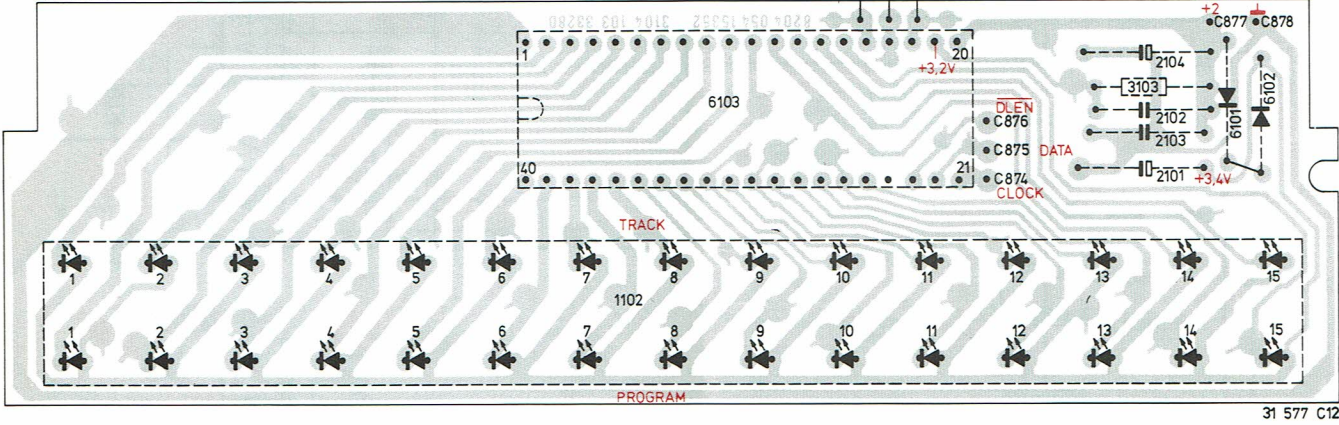


DISPLAY P.C.B.



31 578 C12

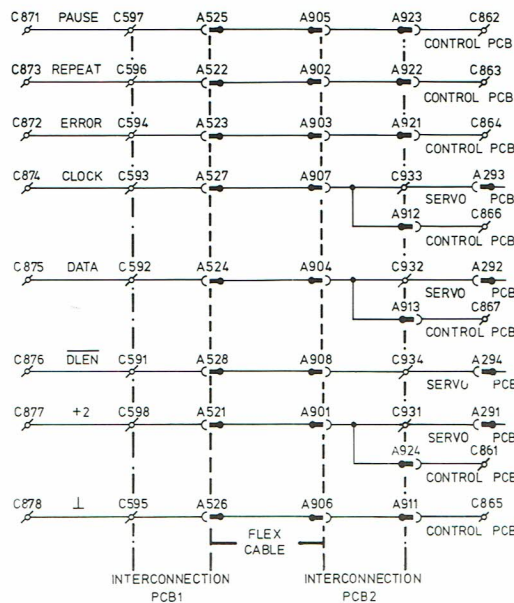
DISPLAY P.C.B.



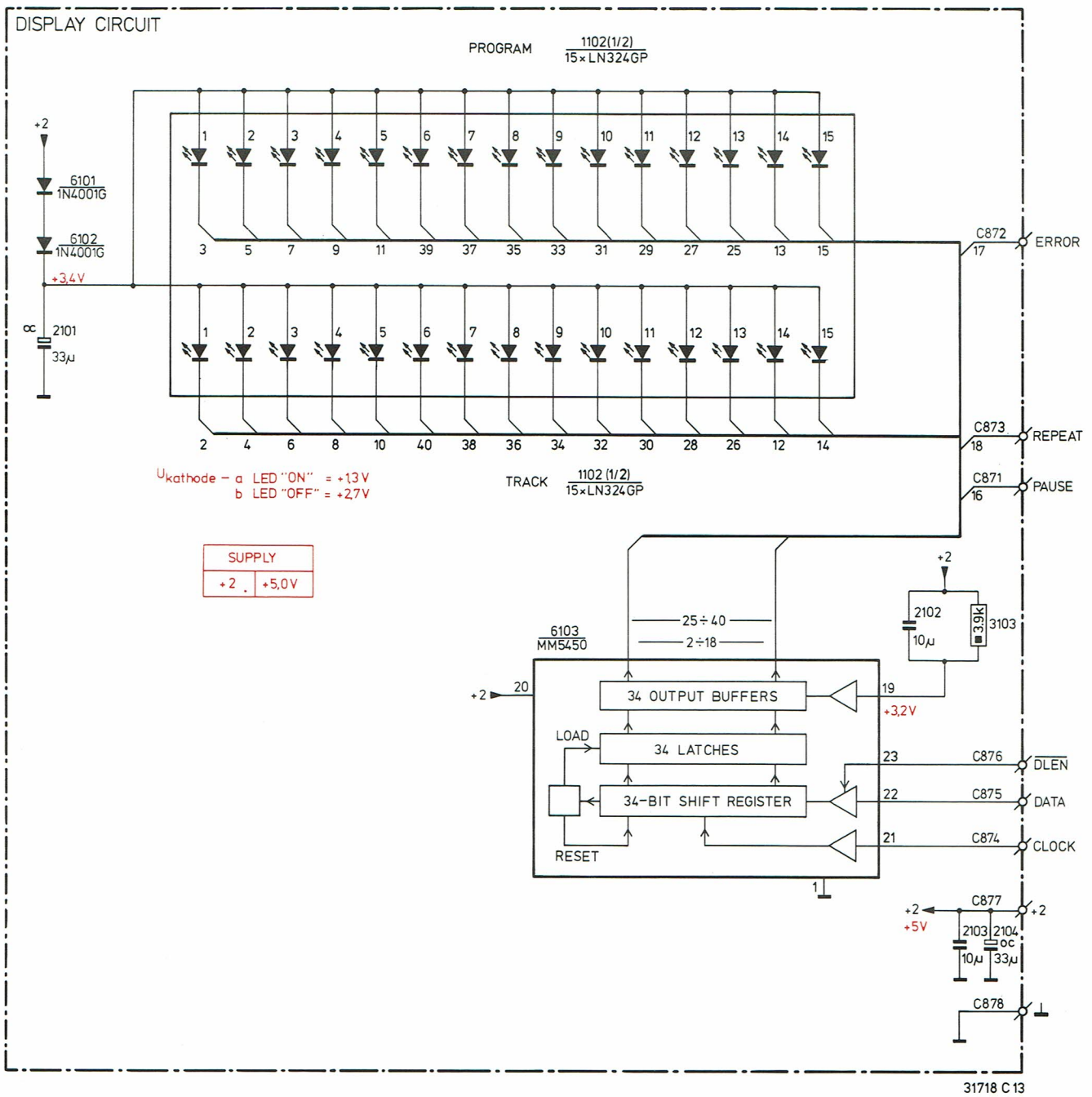
31 577 C12

See page 8-21

WIRING VIA FLEX CABLES
FROM DISPLAY PCB TO.....



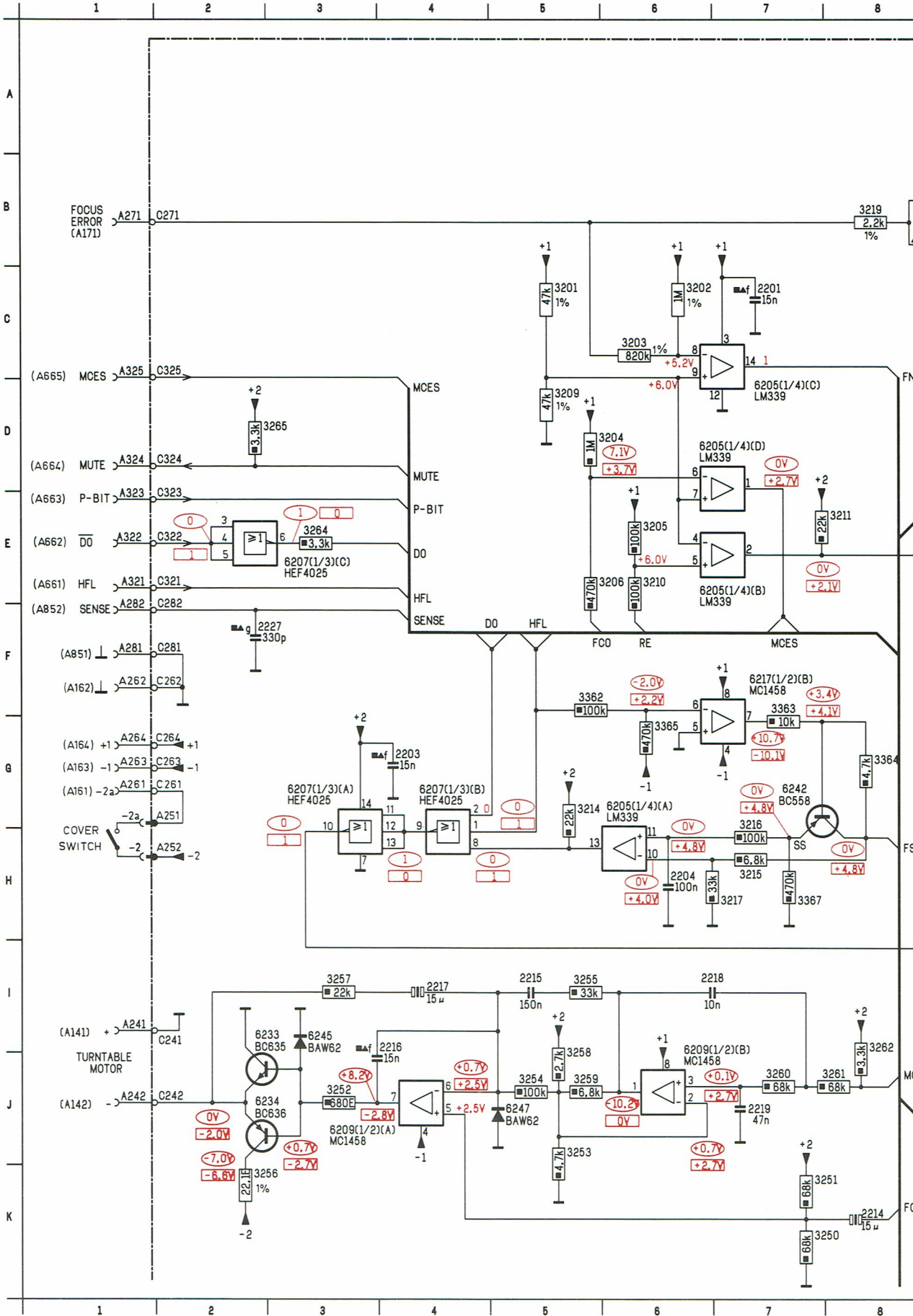
31724 A13



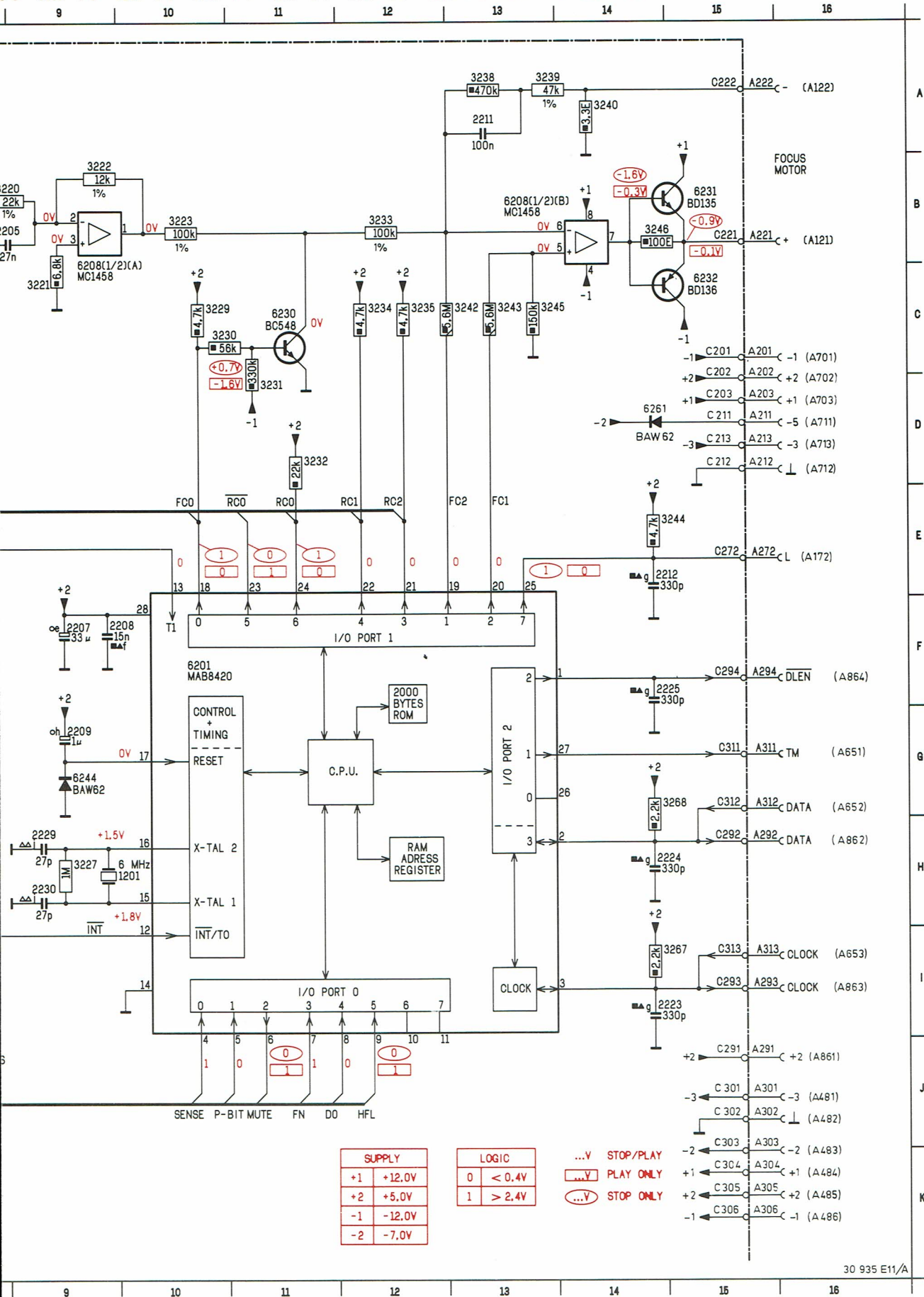
"Display"

	MM5450	4822 209 10199
	1N4001G	4822 130 31438
	LN324GP	4822 130 31429
	2102, 2103	10p - 10% 4822 122 10177

1201	H10	2207	F 9	2214	K 8	2219	J 7	2229	H 9	3204	D 6	3211	E 8	3219	B 8	3227	H 9	3233	B12	3240	A14	3246
2201	C 7	2208	F10	2215	I 5	2223	I15	2230	H 9	3205	E 6	3214	G 5	3220	B 9	3229	C10	3234	C12	3242	C13	3250
2203	G 4	2209	G 9	2216	I 4	2224	H15	3201	C 5	3206	E 6	3215	G 7	3221	C 9	3230	C10	3235	C12	3243	C13	3251
2204	H 6	2211	A13	2217	I 4	2225	F15	3202	C 6	3209	D 5	3216	G 7	3222	B 9	3231	D11	3238	A12	3244	E15	3252
2205	B 9	2212	E15	2218	I 7	2227	F 3	3203	C 6	3210	E 6	3217	H 7	3223	B10	3232	D11	3239	A13	3245	C13	3253



B14 3254 J 5 3259 J 5 3265 D 3 3364 G 8 6205 G 6 6207 G 3 6217 F 7 6234 J 3 6261 D14
 K 8 3255 I 5 3260 J 7 3267 I15 3365 G 6 6205 D 7 6208 B13 6230 C11 6242 G 7
 K 8 3256 X 3 3261 J 8 3268 G15 3367 H 7 6205 D 7 6208 B 9 6231 B15 6244 G 9
 J 3 3257 I 3 3262 I 8 6201 F10 6207 F 3 6209 I 6 6232 C15 6245 I 3
 J 5 3258 I 5 3264 E 3 3363 F 7 6205 E 7 6207 G 4 6209 J 3 6233 I 3 6247 J 5

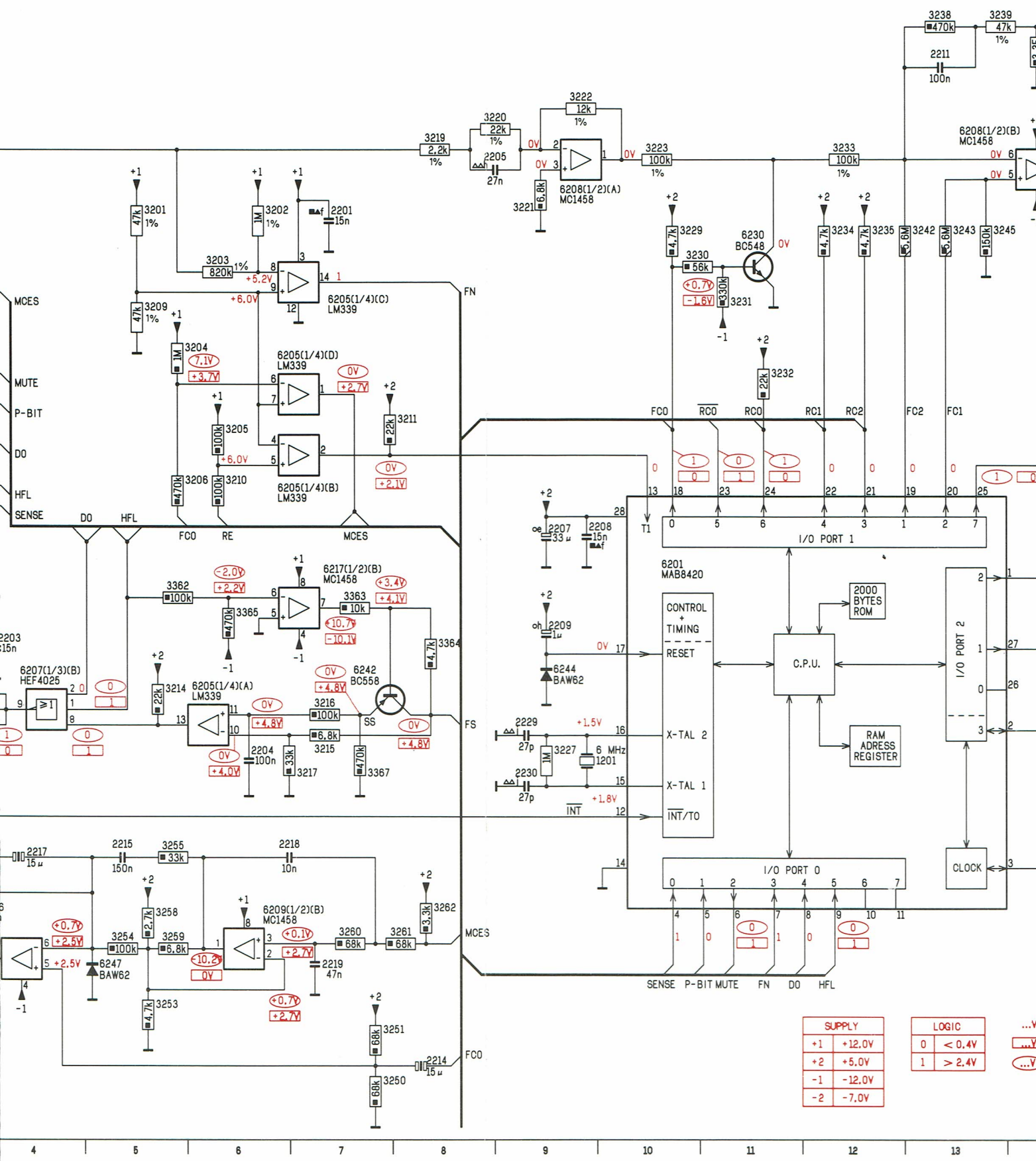


SUPPLY	
+1	+12.0V
+2	+5.0V
-1	-12.0V
-2	-7.0V

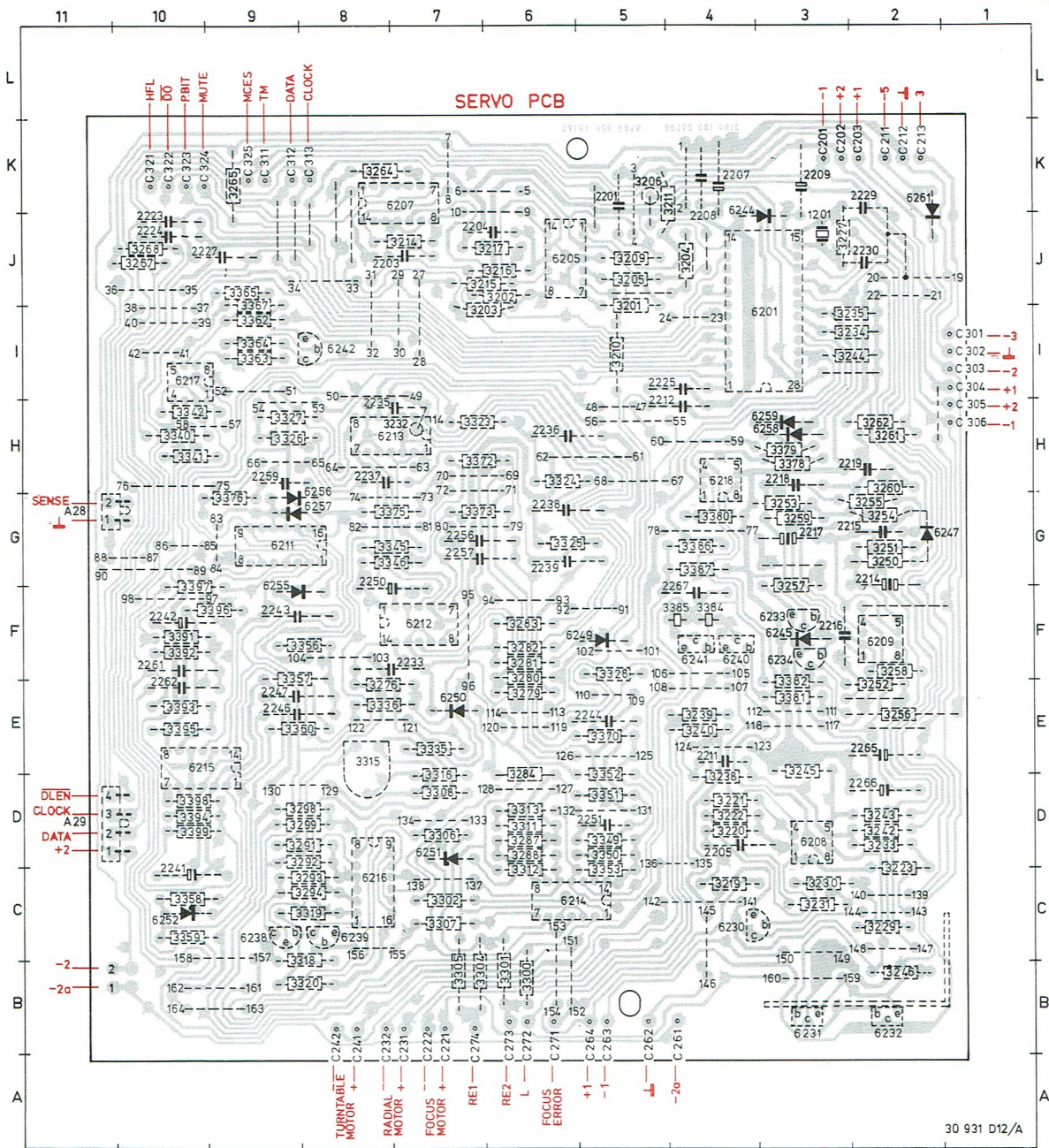
LOGIC	
0	< 0.4V
1	> 2.4V

- ...V STOP/PLAY
- ...V PLAY ONLY
- ...V STOP ONLY

3204	D 6	3211	F 8	3219	B 8	3227	H 9	3233	B12	3240	A14	3246	B14	3254	J 5	3259	J 5	3265	D 3	3364	G 8	6205	G 6	6207	G 3	6217	F 7	6	
3205	F 6	3214	G 5	3220	B 9	3229	C10	3234	C12	3242	C13	3250	K 8	3255	I 5	3260	J 7	3267	I15	3365	G 6	6205	D 7	6208	B13	6230	C11	6	
3206	F 6	3215	H 7	3221	C 9	3230	C10	3235	C12	3243	C13	3251	K 8	3256	X 3	3261	J 8	3268	G15	3367	H 7	6205	D 7	6208	B 9	6231	B15	6	
3209	D 5	3216	G 7	3222	B 9	3231	D11	3238	A13	3244	F15	3252	J 3	3257	I 3	3262	J 8	3362	F 5	6201	F10	6207	E 3	6209	I 6	6232	C15	6	
3210	F 6	3217	H 7	3223	B10	3232	D11	3239	A13	3245	C13	3253	J 5	3258	I 5	3264	E 3	3363	F 7	6205	E 7	6207	G 4	6209	J 3	6233	I 3	6	
4		5		6		7		8		9		10		11		12		13											



SUPPLY		LOGIC		...
+1	+12.0V	0	< 0.4V	...
+2	+5.0V	1	> 2.4V	...
-1	-12.0V			
-2	-7.0V			

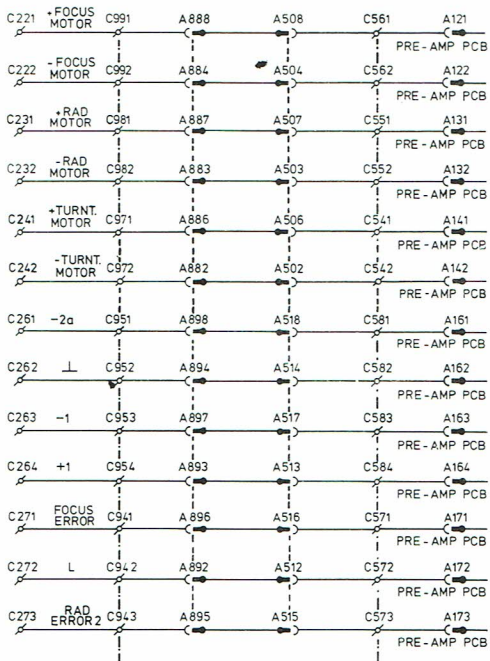


ITEM	PCB	ITEM	PCB	ITEM	PCB	ITEM	PCB	ITEM	PCB
1201	J03	2251	D05	3231	C03	3276	E08	3320	B08
2201	K05	2256	G07	3232	H07	3279	E06	3323	H07
2203	J07	2257	G07	3233	D02	3280	F06	3324	H06
2204	J07	2259	H09	3234	I03	3281	F06	3325	G06
2205	D04	2261	F10	3235	I03	3282	F06	3326	H09
2207	K04	2262	F10	3238	E04	3283	F06	3327	H09
2208	K04	2265	E02	3239	E04	3284	E06	3328	F05
2209	K03	2266	D02	3240	E04	3287	D06	3335	E07
2211	E04	2267	G04	3242	D02	3288	D06	3336	E08
2212	C07	3201	I05	3243	D02	3291	D08	3340	H10
2214	G02	3202	J06	3244	I03	3292	D08	3341	H10
2215	G02	3203	J06	3245	D03	3293	C08	3342	H10
2216	F03	3204	J04	3246	B02	3294	C08	3345	G07
2217	G03	3205	J05	3250	G02	3298	D08	3346	G07
2218	H03	3206	K05	3251	G02	3299	D08	3349	D05
2219	H02	3209	J05	3252	E02	3300	B06	3350	D05
2223	J10	3210	I05	3253	G03	3301	B06	3351	D05
2224	J10	3211	K04	3254	G02	3302	C07	3352	D05
2225	C07	3214	J07	3255	G02	3304	B07	3353	C05
2227	J09	3215	J06	3256	E02	3305	B07	3356	F08
2229	K02	3216	J06	3257	F03	3306	D07	3357	F09
2230	J02	3217	J06	3258	F02	3307	C07	3358	C10
2233	F07	3219	B04	3259	G03	3308	D07	3359	C10
2235	I08	3220	D04	3260	H02	3311	D06	3360	E09
2236	H06	3221	D04	3261	H02	3312	D06	3362	I09
2237	H08	3222	D04	3262	H02	3313	D06	3363	I09
2238	G06	3223	C02	3264	K08	3315	E08	3364	I09
2239	G06	3227	J03	3265	K09	3316	D07	3365	J09
2241	C10	3229	C02	3267	J10	3318	C08	3367	J09
2242	F10	3230	C03	3268	J10	3319	C08	3370	E05
2243	F09								
2244	E05								
2246	E09								
2247	E09								
2250	G08								

HEF4053BP	5322 209 14121		3300,3301, } 3304,3305 }	10k - 1% MR25	4822 116 51253
HEF4070BP	4822 209 10265		3311,3312	82k - 1% MR25	5322 116 55374
LM324N	4822 209 80587		3323	120k - 1% MR25	4822 116 51467
MC1458N	5322 209 85512		3324,3325	75k - 1% MR25	4822 116 51267
TCA240	4822 209 80629		3326	220k - 1% MR25	4822 116 51272
μ A741CN	4822 209 80617		3328,3394	330k - 1% MR25	4822 116 51207
			3357	3k9 - 1% MR25	4822 116 51249
BC548B	4822 130 40937		3358	360k - 1% MR25	5322 116 55264
BD135	4822 130 40823		3370	27k - 1% MR25	5322 116 54652
BD136	4822 130 40824		3373	180k - 1% MR25	5322 116 54722
BF494	4822 130 44195		3384,3385	9E4 P.T.C.	4822 116 40031
			3391	5k6 - 1% MR25	4822 116 51281
			3392	13k - 1% MR25	5322 116 50522
BAW62	4822 130 30613		2233,2243	470n - 10%	4822 121 41674
BZX79-C2V4	4822 130 31253		2236,2238	5n6 - 1%	4822 121 50543
BZX79-C5V1	4822 130 34233		2237	33n - 10%	4822 121 41675
			2246,2247, 2257,2261, 2262	6n8 - 1%	4822 121 50538
3315	10k	4822 100 10035	2251	220n - 10%	4822 121 41673
			2256	1n8 - 1%	5322 121 54087
			2259	22n - 10%	4822 121 41664
			2267	1000n - 10%	4822 121 41719
3279,3280, } 3282,3283 }	47k - 1% MR25	5322 116 54671			
3287,3288	6k8 - 1% MR25	4822 116 51252			
3298,3308	470E - 1% MR25	5322 116 54854			
3299,3306	2k7 - 1% MR25	4822 116 51283			

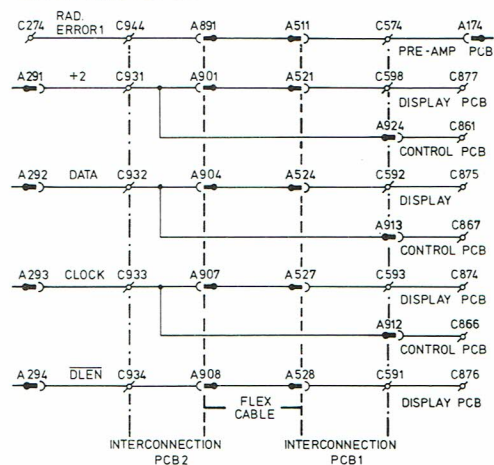
See page 8-21

WIRING VIA FLEX CABLES
FROM THE SERVO PCB TO...



31720 A13

FROM THE SERVO PCB TO ...



31721 A13

9	10	11	12	13	14	15	16
D 9	F 8	C 9	B14	J11	I14	J 3	G 9
D 9	F 9	D 9	D14	K12	J13	H 3	F11
D 9	F 9	F10	C15	J14	K14	E 8	E10
D 9	F10	C12	C15	J12	F12	F 7	E11
D 9	F9	C12	E14	J14	A 7	H10	C12
D 9	B10	C13	E15	J15	C 2	F 9	C12
3357	3373	3381	3391	3397	6212	6214	6215
3358	3375	3382	3392	3398	C10	J 3	J13
3359	3376	3384	3393	3399	A 9	6215	J15
3360	3378	3385	3394	6211	C 4	6214	G 4
3370	3379	3386	3395	6212	B 9	6214	F 7
3372	3380	3387	3396	6212	C 6	6215	H10
					C 5	6215	F 9
						6238	H 8
						6251	E 4
						6252	G 9
						6240	B14
						6241	D14
						6249	D 4
						6250	E 3
						6259	C12

