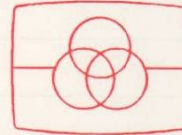


Portable compact disc player D6800/00/00B

Service
Service
Service

For repair information of the CD mechanism see
Service Manual of Compact disc mechanism RCD-1C

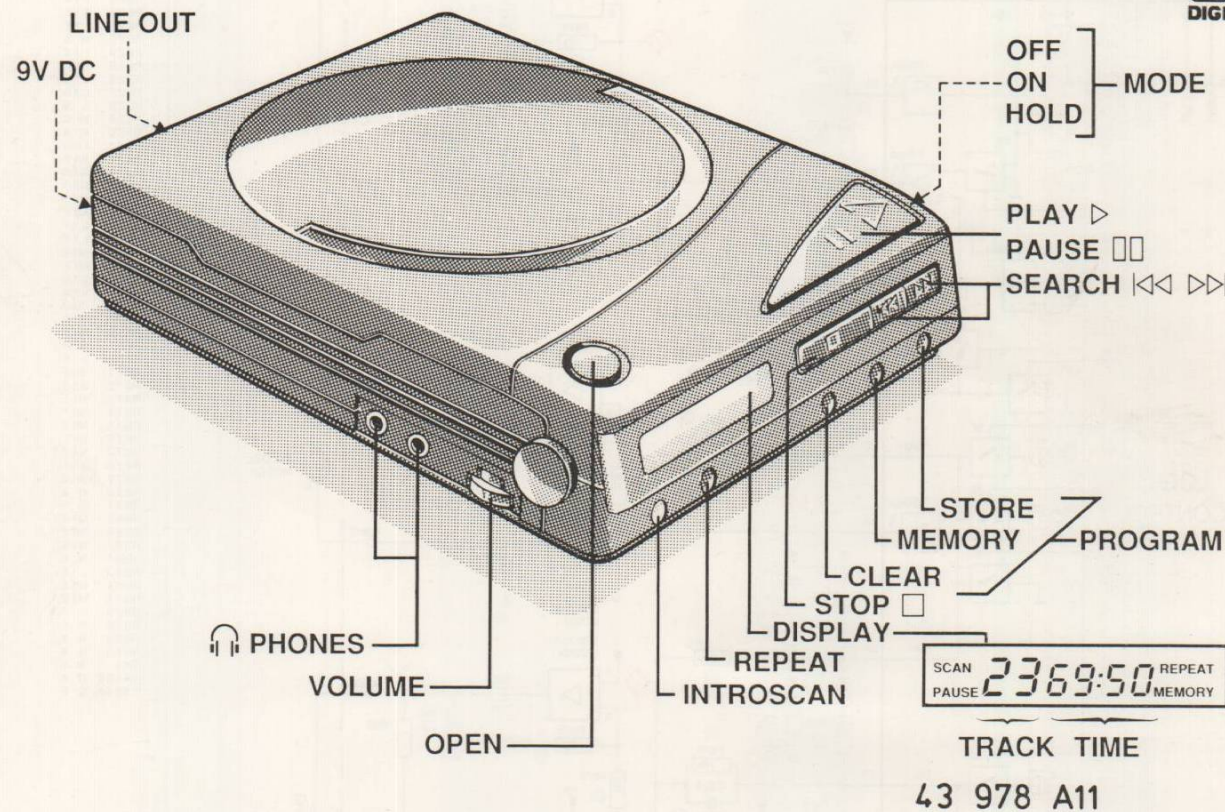


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Service Manual



CLASS 1
LASER PRODUCT

COMPACT
disc
DIGITAL AUDIO

CONNECTIONS AND CONTROLS

	"Headphone 1, 2"	BU801/BU802
	"Mode selector"	SK110
	"Volume"	R101/R151
	"CD open"	SK130
	"CD display"	DP100
	"CD function"	
	"Stop"	SK104
	"Play/pause"	SK105
	"Next/Cue"	SK102
	"Previous/Review"	SK103
	"Intros can"	SK108
	"Clear memory"	SK107
	"Display memory"	SK106
	"Store"	SK101
	"Repeat"	SK109
	"Line out"	BU110
	"EXT. DC"	BU120

SPECIFICATION

	: 9V (6xR6)
EXT. DC	: 9V 2,7W
Frequency response	: 20-20.000 Hz (+2/-4dB)
Line output level	: 0,8V ± 2dB
Headphone socket 2x	: 32Ω/20mW
Signal/noise ratio	: ≥80dB
Distortion	: ≤0.5% at 1kHz
Channel difference	: ≤ 2dB at 1kHz
Channel crosstalk	: ≤50dB at 1kHz
De emphasis	: 0 or 15/50 μs switched automatically by subcode on the disc

GB WARNING

All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically. When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools also at this potential.

F ATTENTION

Tous les IC et beaucoup d'autres semi-conducteurs sont sensibles aux décharges statiques (ESD). Leur longévité pourrait être considérablement écourtée par le fait qu'aucune précaution n'est prise à leur manipulation. Lors de réparations, s'assurer de bien être relié au même potentiel que la masse de l'appareil et enfilier le bracelet serti d'une résistance de sécurité. Veiller à ce que les composants ainsi que les outils que l'on utilise soient également à ce potentiel.

GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

NL

Veiligheidsbepalingen vereisen, dat het apparaat in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde worden toegepast.

F

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

ESD



NL WAARSCHUWING

Alle IC's en vele andere halfgeleiders zijn gevoelig voor electrostatische ontladingen (ESD). Onzorgvuldig behandelen tijdens reparatie kan de levensduur drastisch doen verminderen. Zorg ervoor dat u tijdens reparatie via een polsband met weerstand verbonden bent met hetzelfde potentiaal als de massa van het apparaat. Houd componenten en hulpmiddelen ook op ditzelfde potentiaal.

I AVVERTIMENTO

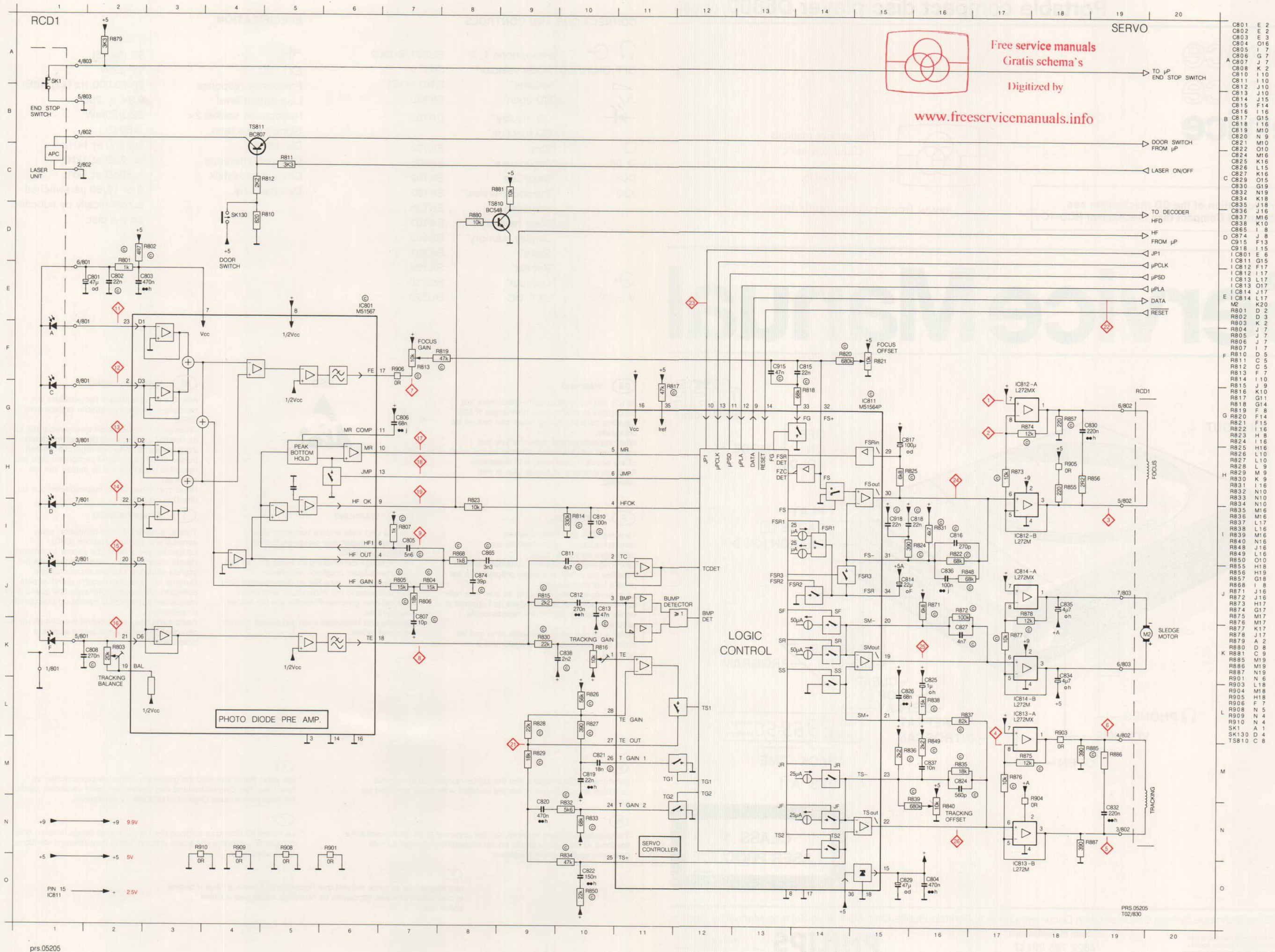
Tutti IC e parecchi semi-conduttori sono sensibili alle scariche statiche (ESD). La loro longevità potrebbe essere fortemente ridotta in caso di non osservazione della più grande cauzione alla loro manipolazione. Durante le riparazioni occorre quindi essere collegato allo stesso potenziale che quello della massa dell'apparecchio tramite un braccialetto a resistenza. Assicurarsi che i componenti e anche gli utensili con quali si lavora siano anche a questo potenziale.

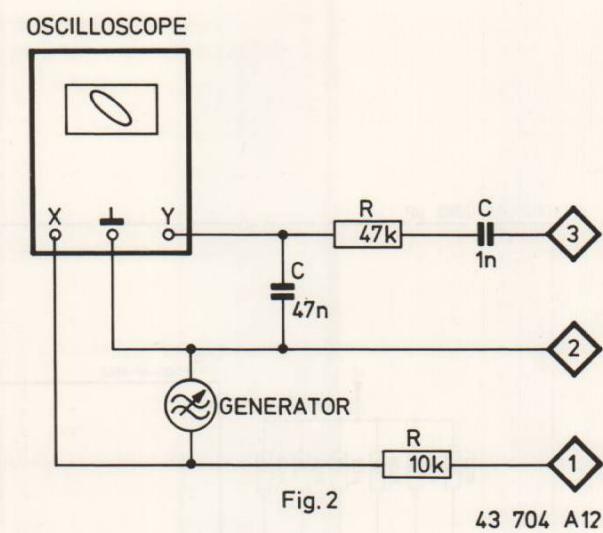
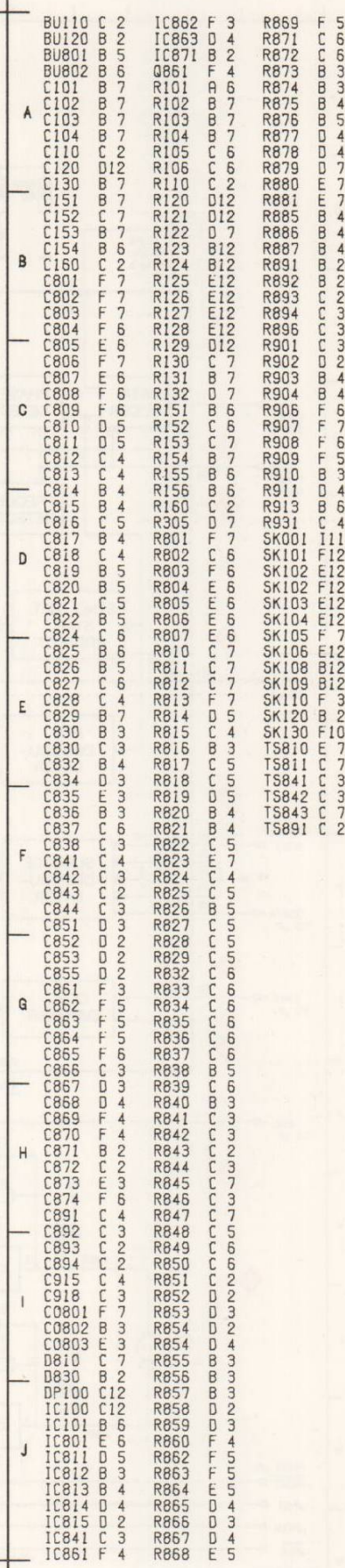
D

Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden für Reparaturen sind Original-Ersatzteile zu verwenden.

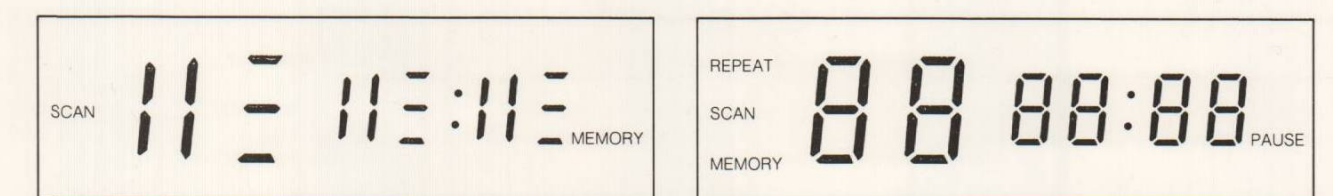
I

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati pezzi di ricambio identici a quelli specificati.

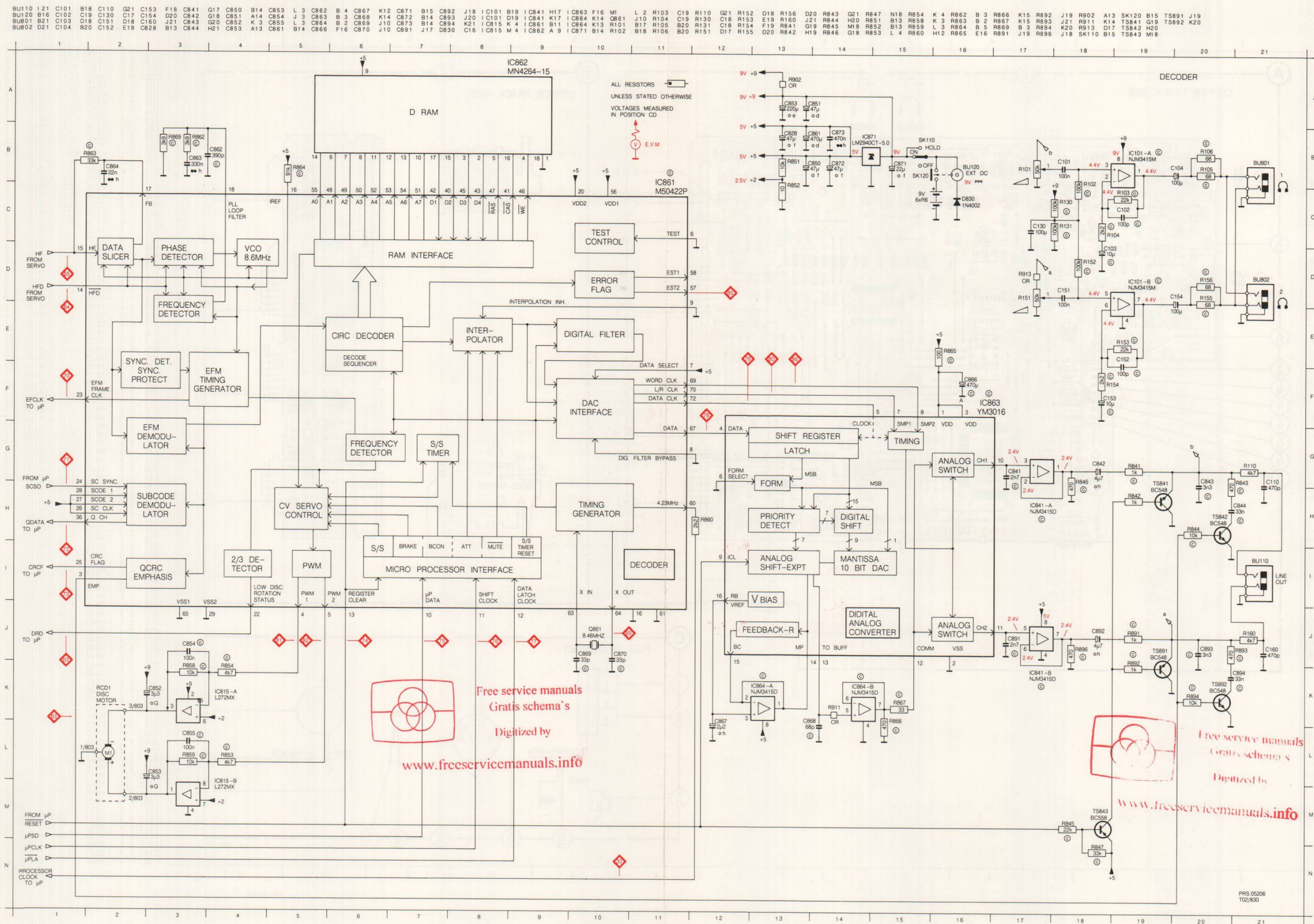
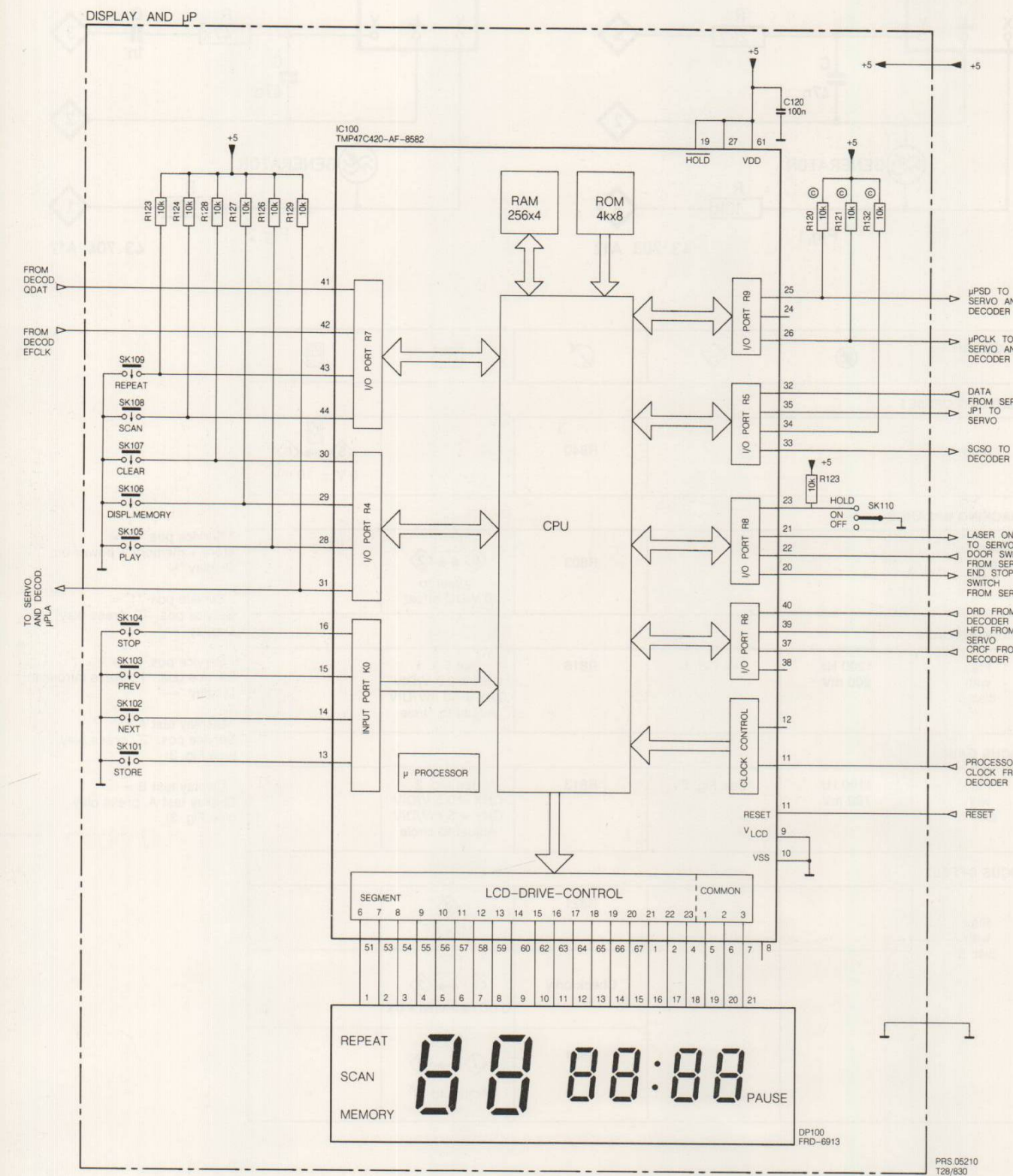




CD part					
TRACKING OFFSET					
Stop			R840	 0 V $\pm$ 10 mV	
TRACKING BALANCE					
Service* pos. 1 display " _ "			R803	 Adjust to 0 V DC offset	
TRACKING GAIN					
Play with disc 5	1200 Hz 200 mV	see Fig. 1	R816	See Fig. 1 CHX = 0,2 V/DIV CHY = 50 mV/DIV Adjust to circle	
FOCUS GAIN					
Play with disc 5	1100 Hz 700 mV	See Fig. 2	R813	See Fig. 2 CHX = 0,5 V/DIV CHY = 5 mV/DIV Adjust to circle	
FOCUS OFFSET					
Play with disc 5			R821	 Max HF	
			Check only	 U DC measured = Ux	
			R821	 Adjust to $\frac{U_x}{2}$	

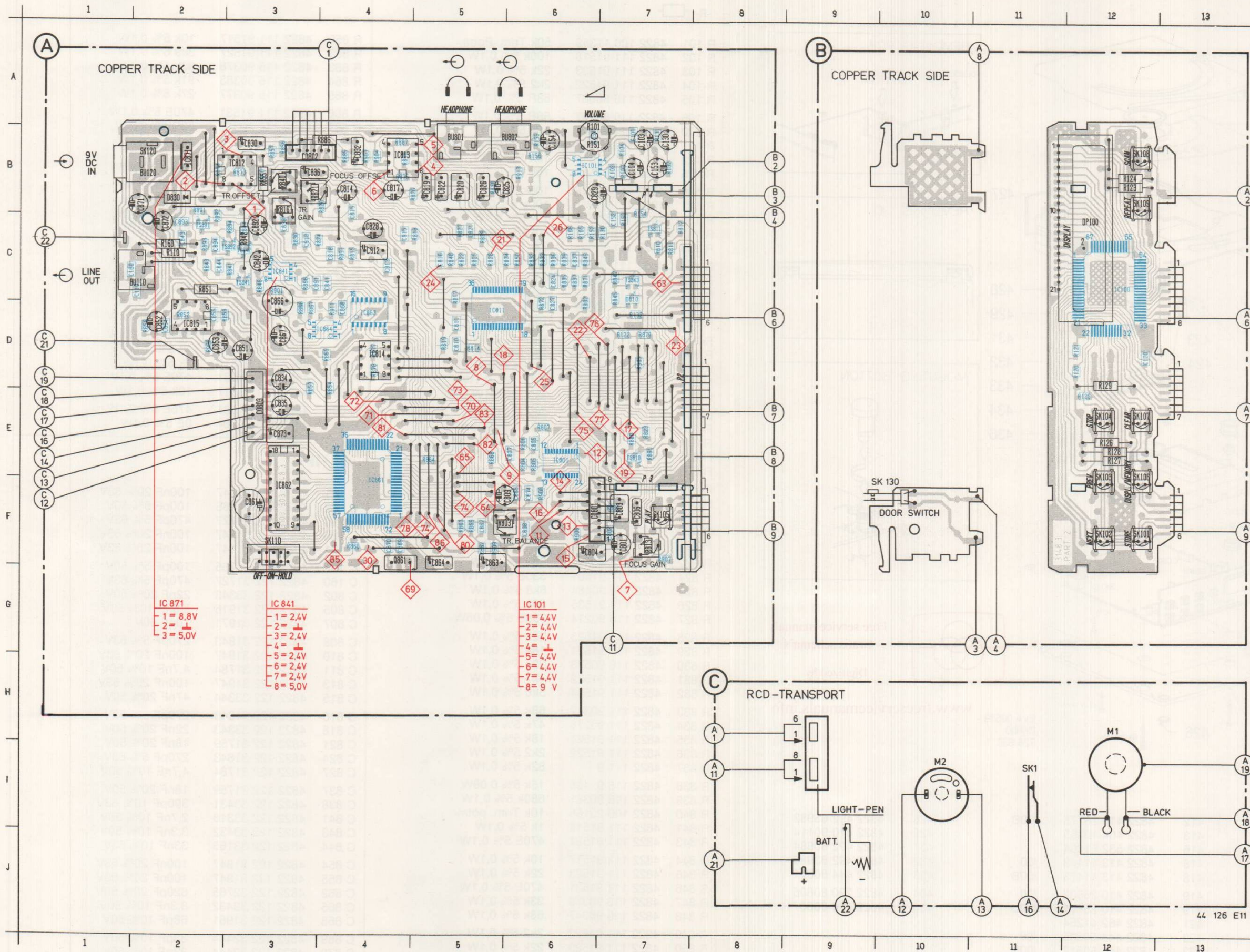


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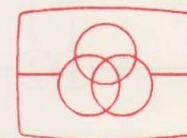
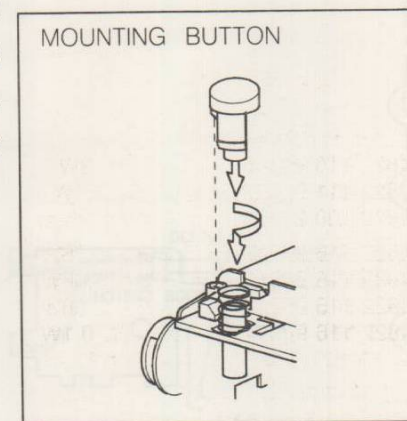
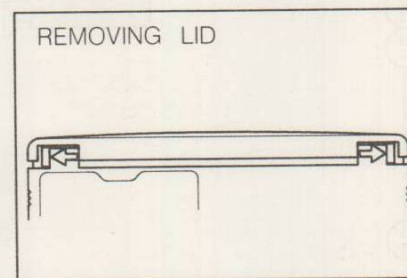
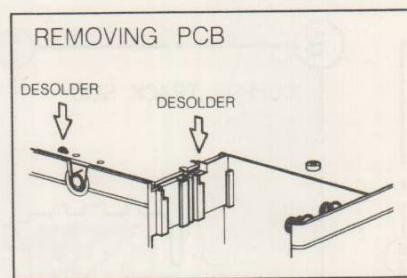
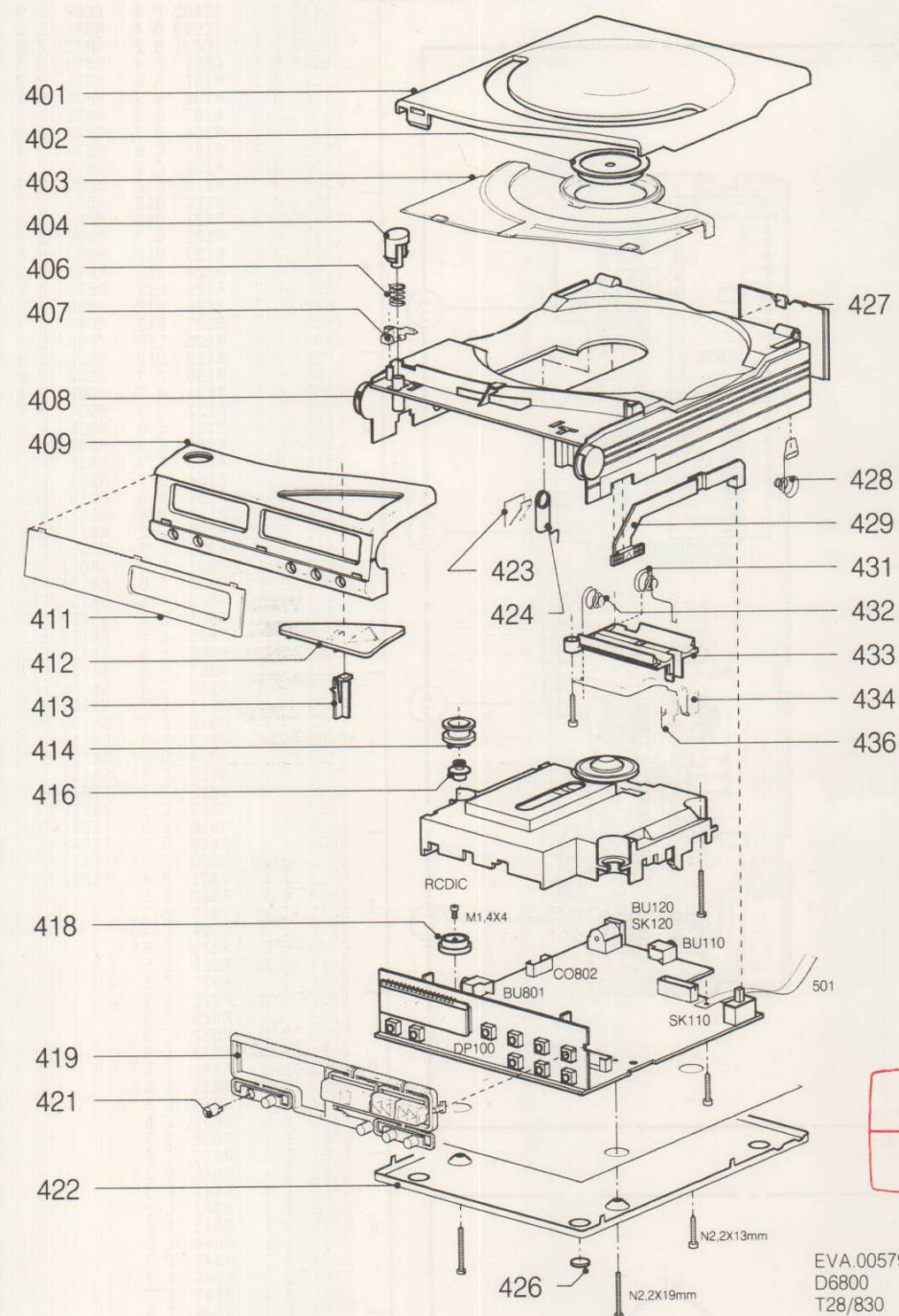


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BU110	C 2	IC862	F 3	R869	F 5
BU120	B 2	IC863	D 4	R871	C 6
BU801	B 5	IC871	B 2	R872	C 6
BU802	B 6	Q861	F 4	R873	B 3
C101	B 7	R101	A 6	R874	B 3
C102	B 7	R102	B 7	R875	B 4
C103	B 7	R103	B 7	R876	B 5
C104	B 7	R104	B 7	R877	D 4
C110	C 2	R105	C 6	R878	D 4
C120	D12	R106	C 6	R879	D 7
C130	B 7	R110	C 2	R880	E 7
C151	B 7	R120	D12	R881	E 7
C152	C 7	R121	D12	R885	B 4
C153	B 7	R122	D 7	R886	B 4
C154	B 6	R123	B12	R887	B 4
C160	C 2	R124	B12	R891	B 2
C801	F 7	R125	E12	R892	B 2
C802	F 7	R126	E12	R893	C 2
C803	F 7	R127	E12	R894	C 3
C804	F 6	R128	E12	R896	C 3
C805	F 6	R129	D12	R901	C 3
C806	F 7	R130	C 7	R902	D 2
C807	E 6	R131	B 7	R903	B 4
C808	F 6	R132	D 7	R904	B 4
C809	F 6	R151	B 6	R906	F 6
C810	D 5	R152	C 6	R907	F 7
C811	D 5	R153	C 7	R908	F 6
C812	C 4	R154	B 7	R909	F 5
C813	C 4	R155	B 6	R910	B 3
C814	B 4	R156	B 6	R911	D 4
C815	B 4	R160	C 2	R913	B 6
C816	C 5	R305	D 7	R931	C 4
C817	B 4	R801	F 7	SK001	I11
C818	C 4	R802	C 6	SK101	F12
C819	B 5	R803	F 6	SK102	E12
C820	B 5	R804	E 6	SK102	F12
C821	C 5	R805	E 6	SK103	E12
C822	B 5	R806	E 6	SK104	E12
C824	C 6	R807	E 6	SK105	F 7
C825	B 5	R810	C 7	SK106	E12
C826	B 5	R811	C 7	SK108	B12
C827	C 6	R812	C 7	SK109	B12
C828	C 4	R813	F 7	SK110	F 3
C829	B 7	R814	D 5	SK120	B 2
C830	B 3	R815	C 4	SK130	F10
C830	C 3	R816	B 3	TS810	E 7
C832	B 4	R817	C 5	TS811	C 7
C834	D 3	R818	C 5	TS841	C 3
C835	E 3	R819	D 5	TS842	C 3
C836	B 3	R820	B 4	TS843	C 7
C837	C 6	R821	B 4	TS891	C 2
C838	C 3	R822	C 5		
C841	C 4	R823	E 7		
C842	C 3	R824	C 4		
C843	C 2	R825	C 5		
C844	C 3	R826	B 5		
C851	D 3	R827	C 5		
C852	D 2	R828	C 5		
C853	D 2	R829	C 5		
C855	D 2	R832	C 6		
C861	F 3	R833	C 6		
C862	F 5	R834	C 6		
C863	F 5	R835	C 6		
C864	F 5	R836	C 6		
C865	F 6	R837	C 6		
C866	C 3	R838	B 5		
C867	D 3	R839	C 6		
C868	D 4	R840	B 3		
C869	F 4	R841	C 3		
C870	F 4	R842	C 3		
C871	B 2	R843	C 2		
C872	C 2	R844	C 3		
C873	E 3	R845	C 7		
C874	F 6	R846	C 3		
C891	C 4	R847	C 7		
C892	C 3	R848	C 5		
C893	C 2	R849	C 6		
C894	C 2	R850	C 6		
C915	C 4	R851	C 2		
C918	C 3	R852	D 2		
C8001	F 7	R853	D 3		
C8002	B 3	R854	D 2		
C8003	E 3	R854	D 4		
D810	C 7	R855	B 3		
D830	B 2	R856	B 3		
DP100	C12	R857	B 3		
IC100	C12	R858	D 2		
IC101	B 6	R859	D 3		
IC801	E 6	R860	F 4		
IC811	D 5	R862	F 5		
IC812	B 3	R863	F 5		
IC813	B 4	R864	E 5		
IC814	D 4	R865	D 4		
IC815	D 2	R866	D 3		
IC841	C 3	R867	D 4		
IC861	F 4	R868	E 5		



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D6800
T28/B30

MECHANICAL PARTSLIST

401	4822 444 30408	/00	412	4822 410 26775	/00B	428	4822 492 63982
401	4822 444 30411	/00B	413	4822 404 10755		429	4822 410 90114
402	4822 532 40189		416	4822 532 61104		431	4822 492 63984
403	4822 450 61223		418	4822 413 41443	/00	432	4822 492 63983
404	4822 410 26504	/00	418	4822 413 41473	/00B	433	4822 444 60571
404	4822 410 26776	/00B	419	4822 410 26502	/00	434	4822 290 80806
406	4822 492 42271		419	4822 410 26774	/00B	436	4822 290 80807
407	4822 404 10756		421	4822 462 41254			
408	4822 444 10144	/00	422	4822 444 50605	/00		
408	4822 444 10151	/00B	422	4822 444 50612	/00B		
409	4822 444 40249	/00	423	4822 492 63985			
409	4822 444 40267	/00B	424	4822 492 42272			
411	4822 450 61224	/00	426	4822 462 10313			
411	4822 450 61294	/00B	427	4822 444 60572	/00		
412	4822 410 26503	/00	427	4822 444 60595	/00B		

-R-

R 101	4822 100 11359	50k Trim. Potm.
R 102	4822 111 91518	100k 5% 0,1W
R 103	4822 111 91523	22k 5% 0,1W
R 104	4822 111 91522	2k2 5% 0,1W
R 105	4822 116 80887	68R 5% 0,1W
R 106	4822 116 80887	68R 5% 0,1W
R 120	4822 111 91517	10k 5% 0,1W
R 121	4822 111 91517	10k 5% 0,1W
R 122	4822 111 91517	10k 5% 0,1W
R 125	4822 111 91517	10k 5% 0,1W
R 130	4822 111 91518	100k 5% 0,1W
R 131	4822 111 91518	100k 5% 0,1W
R 132	4822 111 91517	10k 5% 0,1W
R 152	4822 111 91518	100k 5% 0,1W
R 153	4822 111 91523	22k 5% 0,1W
R 154	4822 111 91522	2k2 5% 0,1W
R 155	4822 116 80887	68R 5% 0,1W
R 801	4822 111 91516	1k 5% 0,1W
R 803	4822 100 20589	20k Trim. Potm.
R 804	4822 111 91498	15k 5% 0,1W
R 805	4822 111 91498	15k 5% 0,1W
R 806	4822 111 91521	18k 5% 0,1W
R 807	4822 111 91516	1k 5% 0,1W
R 810	4822 116 90382	820R 5% 0,1W
R 811	4822 111 91526	3k3 5% 0,1W
R 812	4822 111 91522	2k2 5% 0,1W
R 813	4822 100 20166	10k Trim Potm.
R 814	4822 116 90345	330k 5% 3W
R 815	4822 111 91522	2k2 5% 0,1W
R 816	4822 100 20166	10k Trim Potm.
R 817	4822 116 90216	47k 5% 0,06W
R 818	4822 116 90347	68k 5% 0,06W
R 819	4822 116 90216	47k 5% 0,06W
R 820	4822 116 90381	680k 5% 0,1W
R 821	4822 100 20166	10k Trim Potm.
R 822	4822 116 90347	68k 5% 0,1W
R 824	4822 111 91501	330E 5% 0,1W
R 825	4822 111 90464	6k8 5% 0,1W
R 826	4822 111 91535	56k 5% 0,1W
R 827	4822 116 90214	390E 5% 0,06W
R 828	4822 111 91523	22k 5% 0,1W
R 829	4822 111 91521	18k 5% 0,1W
R 830	4822 116 90523	22k 5% 0,1W
R 831	4822 111 91532	4k7 5% 0,1W
R 832	4822 111 91534	5k6 5% 0,1W
R 833	4822 111 90347	68k 5% 0,1W
R 834	4822 111 90216	47k 5% 0,1W
R 835	4822 111 91521	18k 5% 0,1W
R 836	4822 111 91522	2k2 5% 0,1W
R 837	4822 111 9	82k 5% 0,1W
R 838	4822 116 9 498	15k 5% 0,06W
R 839	4822 116 90381	680k 5% 0,1W
R 840	4822 100 20166	10k Trim. potm.
R 841	4822 111 91516	1k 5% 0,1W
R 843	4822 111 91531	470E 5% 0,1W
R 844	4822 111 91517	10k 5% 0,1W
R 845	4822 111 91523	22k 5% 0,1W
R 846	4822 111 91531	470E 5% 0,1W
R 847	4822 116 90378	33k 5% 0,1W
R 848	4822 116 90347	68k 5% 0,1W
R 849	4822 111 91522	2k2 5% 0,1W
R 850	4822 111 91523	22k 5% 0,1W
R 851	4822 111 91517	10k 5% 0,1W
R 852	4822 111 91517	10k 5% 0,1W
R 853	4822 111 91532	4k7 5% 0,1W
R 854	4822 111 91532	4k7 5% 0,1W
R 857	4822 116 90339	220E 5% 0,1W
R 858	4822 111 91517	10k 5% 0,1W

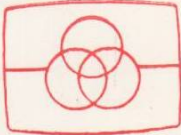
R 859	4822 111 91517	10k 5% 0,1W
R 862	4822 111 91527	3k9 5% 0,1W
R 863	4822 116 90378	33k 5% 0,1W
R 864	4822 116 90383	91k 5% 0,1W
R 865	4822 116 90377	27k 5% 0,1W
R 866	4822 111 91531	470E 5% 0,1W
R 867	4822 116 90379	33R 5% 0,1W
R 868	4822 116 90376	1k8 5% 0,1W
R 871	4822 111 91532	
R 872	4822 111 91518	100k 5% 0,1W
R 873	4822 111 91517	10k 5% 0,1W
R 874	4822 116 90375	12k 5% 0,1W
R 875	4822 116 90375	12k 5% 0,1W
R 876	4822 111 91517	10k 5% 0,1W
R 877	4822 111 91517	10k 5% 0,1W
R 878	4822 116 90375	12k8 5% 0,1W
R 879	4822 111 91526	3k3 5% 0,1W
R 880	4822 111 91517	10k 5% 0,1W
R 881	4822 111 91517	10k 5% 0,1W
R 885	4822 116 90214	390E 5% 0,1W
R 887	4822 116 90214	390E 5% 0,1W
R 891	4822 111 91516	1k 5% 0,1W
R 892	4822 111 91516	1k 5% 0,1W
R 893	4822 111 91531	470E 5% 0,1W
R 894	4822 111 91517	10k 5% 0,1W
R 896	4822 111 91531	470E 5% 0,1W
R 9	4822 116 90384	0E 5% 0,1W

-C-

C 101	4822 122 31947	100nF 20% 63V
C 102	4822 122 31765	100pF 5% 50V
C 110	4822 122 31727	470pF 5% 63V
C 120	4822 122 31947	100nF 20% 63V
C 151	4822 122 31947	100nF 20% 63V
C 152	4822 122 31765	100pF 5% 50V
C 160	4822 122 31727	470pF 5% 63V
C 802	4822 122 33343	22nF 20% 50V
C 805	4822 122 31916	5,6nF 10% 50V
C 807	4822 122 31971	10pF 50V
C 808	4822 122 31843	270pF 5% 63V
C 810	4822 122 31947	100nF 20% 63V
C 811	4822 122 31784	4,7nF 10% 50V
C 813	4822 122 31947	100nF 20% 63V
C 815	4822 122 33344	47nF 20% 50V
C 816	4822 122 31843	270pF 5% 63V
C 818	4822 122 33343	22nF 20% 50V
C 821	4822 122 31759	18nF 20% 50V
C 824	4822 122 31843	270pF 5% 63V
C 827	4822 122 31784	4,7nF 10% 50V
C 837	4822 122 31759	18nF 20% 50V
C 838	4822 122 33431	390pF 10% 63V
C 841	4822 122 33318	2,7nF 10% 50V
C 843	4822 122 33432	3,3nF 10% 50V
C 844	4822 122 33165	33nF 10% 63V
C 854	4822 122 31947	100nF 20% 63V
C 855	4822 122 31947	100nF 20% 63V
C 862	4822 122 32765	820pF 20% 50V
C 865	4822 122 33432	3,3nF 10% 50V
C 868	4822 122 31961	68pF 10% 50V
C 869	4822 122 32444	33pF 10% 50V
C 870	4822 122 32444	33pF 10% 50V
C 874	4822 122 31972	39pF 5% 50V
C 891	4822 122 33318	2,7nF 10% 63V
C 893	4822 122 33432	3,3nF 10% 50V
C 894	4822 122 33165	33nF 10% 50V
C 915	4822 122 33344	47nF 20% 50V
C 918	4822 122 33344	47nF 20% 50V

ELECTRICAL PARTS

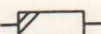
-IC- 		-MISCELLANEOUS-	
5322 209 72487	LM2940CT-5.0	BU110 4822 267 40788	line out
4822 209 70705	L272MH	BU120 4822 267 30431	socket, mains
4822 209 70422	MN4264-15	BU801 4822 267 40788	headphone
4822 209 72813	M50422P	BU802 4822 267 40788	headphone
4822 209 72815	M51564P	M002 4822 361 21113	motor
4822 209 72814	M51567P	Q861 4822 242 71855	crystal 8,46 MC
4822 209 73157	NJM3415M	SK001 4822 276 12163	switch "store"
4822 209 73667	TMP47C420AF-8582	SK101 4822 276 11276	switch
4822 209 72098	YM-3015	SK102 4822 276 11276	switch
-TS- 		SK103 4822 276 11276	switch
4822 130 42132	BC807	SK104 4822 276 11276	switch
5322 130 41981	BC848A	SK105 4822 276 12276	switch, "play/pause"
5322 130 42012	BC858A	SK106 4822 276 11276	switch
-D- 		SK107 4822 276 11276	switch
5322 130 31928	BAS16	SK108 4822 276 11276	switch
4822 130 31438	1N4001G	SK109 4822 276 11276	switch
		SK110 4822 277 21235	switch, mode
		DP100 4822 130 90545	FRD-6913 display
		4822 502 13083	screw M1,4x4
		4822 600 10276	case
		4822 498 30147	carrying strap



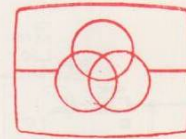
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 Carbon film 0.2 W 70°C 5%		 Ceramic plate Tuning ≤ 120 pF NP.0 2% Others -20/+80%		*a = 2,5 V b = 4 V c = 6,3 V d = 10 V e = 16 V f = 25 V g = 40 V h = 63 V j = 100 V l = 125 V m = 150 V n = 160 V q = 200 V r = 250 V s = 300 V t = 350 V u = 400 V v = 500 V w = 630 V x = 1000 V A = 1,6 V B = 6 V C = 12 V D = 15 V E = 20 V F = 35 V G = 50 V H = 75 V I = 80 V
 Carbon film 0.33 W 70°C 5%		 Polyester flat foil 10%		
 Metal film 0.33 W 70°C 5%		 Metalized polyester flat film 10%		
 Carbon film 0.5 W 70°C 5%		 Polyester flat foil small size (Mylar) 10%		
 Carbon film 0.67 W 70°C 5%		 Polysterene film/foil 1%		
 Carbon film 1.15 W 70°C 5%		 Tubular ceramic		
Ⓒ Chip component		 Miniature single		
		 Subminiature tantalum $\pm 20\%$		

Portable compact disc player D6800/00/00B/00X/17

TR8600/18
TR6805/19Free service manuals
Gratis schema's

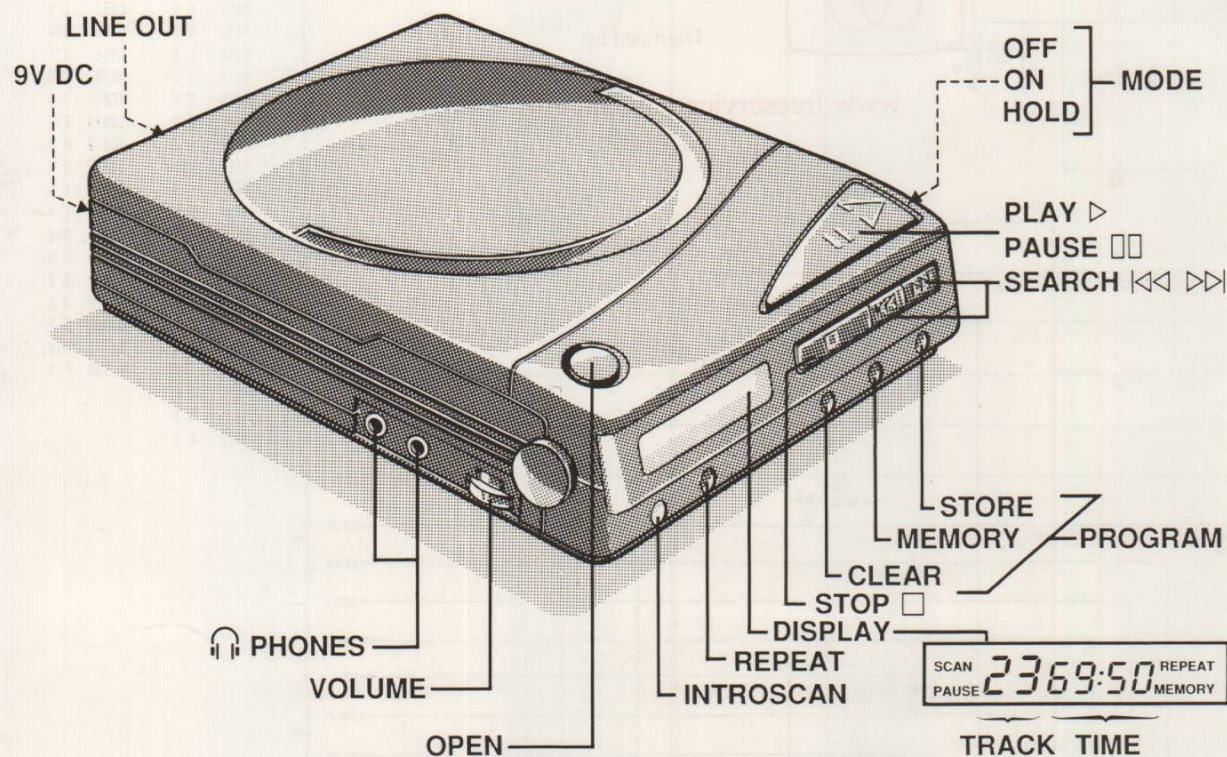
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Supplement valid for sets produced after productionweek 8917

Service
Service
ServiceFor repair information of the CD mechanism see
Service Manual of Compact disc mechanism RCD-1C

Service Manual

COMPACT
disc
DIGITAL AUDIO

43 978 A11

CLASS 1
LASER PRODUCT

3122 110 03420

CONNECTIONS AND CONTROLS

	"Headphone 1, 2"	BU801/BU802
	"Mode selector"	SK110
	"Volume"	R101/R151
	"CD open"	SK130
	"CD display"	DP100
	"CD function"	
	"Stop"	SK104
	"Play/pause"	SK105
	"Next/Cue"	SK102
	"Previous/Review"	SK103
	"Introscan"	SK108
	"Clear memory"	SK107
	"Display memory"	SK106
	"Store"	SK101
	"Repeat"	SK109
	"Line out"	BU110
	"EXT. DC"	BU120

SPECIFICATION

	: 9V (6xR6)
EXT. DC	: 9V 2,7W
Frequency response	: 20-20.000 Hz (+2/-4dB)
Line output level	: 0,8V ± 2dB
Headphone socket 2x	: 32Ω/20mW
Signal/noise ratio	: ≥80dB
Distortion	: ≤0.5% at 1kHz
Channel difference	: ≤ 2dB at 1kHz
Channel crosstalk	: ≤50dB at 1kHz
De emphasis	: 0 or 15/50 μs switched automatically by subcode on the disc

/00X mains adaptor 220V*
/17 mains adaptor 120V**

* service code: 4822 218 10259

** service code: 4822 218 10319

GB WARNING

All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically.

When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools also at this potential.

F ATTENTION

Tous les IC et beaucoup d'autres semi-conducteurs sont sensibles aux décharges statiques (ESD). Leur longévité pourrait être considérablement écourtée par le fait qu'aucune précaution n'est prise à leur manipulation.

Lors de réparations, s'assurer de bien être relié au même potentiel que la masse de l'appareil et enfilier le bracelet serti d'une résistance de sécurité.

Veiller à ce que les composants ainsi que les outils que l'on utilise soient également à ce potentiel.

GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

NL

Veiligheidsbepalingen vereisen, dat het apparaat in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde worden toegepast.

D WARNUNG

Alle ICs und viele andere Halbleiter sind empfindlich gegenüber elektrostatischen Entladungen (ESD). Unsorgfältige Behandlung im Reparaturfall kann die Lebensdauer drastisch reduzieren.

Veranlassen Sie, dass Sie im Reparaturfall über ein Pulsarmband mit Widerstand verbunden sind mit dem gleichen Potential wie die Masse des Gerätes.

Bauteile und Hilfsmittel auch auf dieses gleiche Potential halten.

D

Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden für Reparaturen sind Original-Ersatzteile zu verwenden.

I

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati pezzi di ricambio identici a quelli specificati.

F

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

ESD



NL WAARSCHUWING

Alle IC's en vele andere halfgeleiders zijn gevoelig voor electrostatische ontladingen (ESD).

Onzorgvuldig behandelen tijdens reparatie kan de levensduur drastisch doen verminderen. Zorg ervoor dat u tijdens reparatie via een polsband met weerstand verbonden bent met hetzelfde potentiaal als de massa van het apparaat.

Houd componenten en hulpmiddelen ook op ditzelfde potentiaal.

I AVVERTIMENTO

Tutti IC e parecchi semi-conduttori sono sensibili alle scariche statiche (ESD). La loro longevità potrebbe essere fortemente ridotta in caso di non osservazione della più grande cauzione alla loro manipolazione.

Durante le riparazioni occorre quindi essere collegato allo stesso potenziale che quello della massa dell'apparecchio tramite un braccialetto a resistenza.

Assicurarsi che i componenti e anche gli utensili con quali si lavora siano anche a questo potenziale.

S Varning!

Osynlig laserstrålning när denna del är öppnad och spärren är urkopplad. Betrakta ej strålen.

SF Varo!

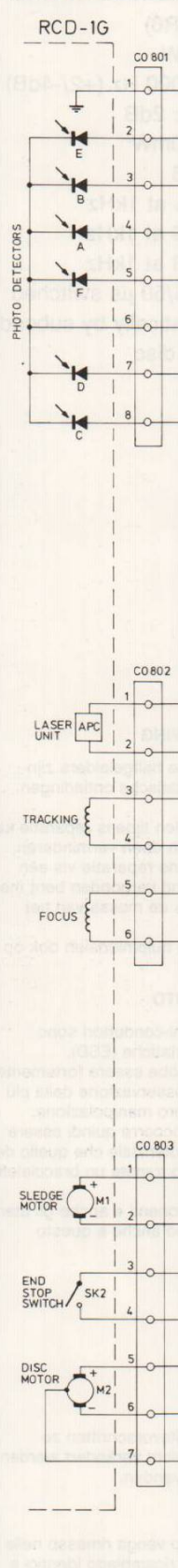
Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle. Älä katso säteeseen.

Documentation Technique Service Dokumentation Documentazione di Servizio Huolto-Ohje Manual de Servicio Manual de Serviço

"Pour votre sécurité, ces documents doivent être utilisés par des spécialistes agréés, seuls habilités à réparer votre appareil en panne".

Subject to modification
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Consumer Electronics

CD-SERVO-PART

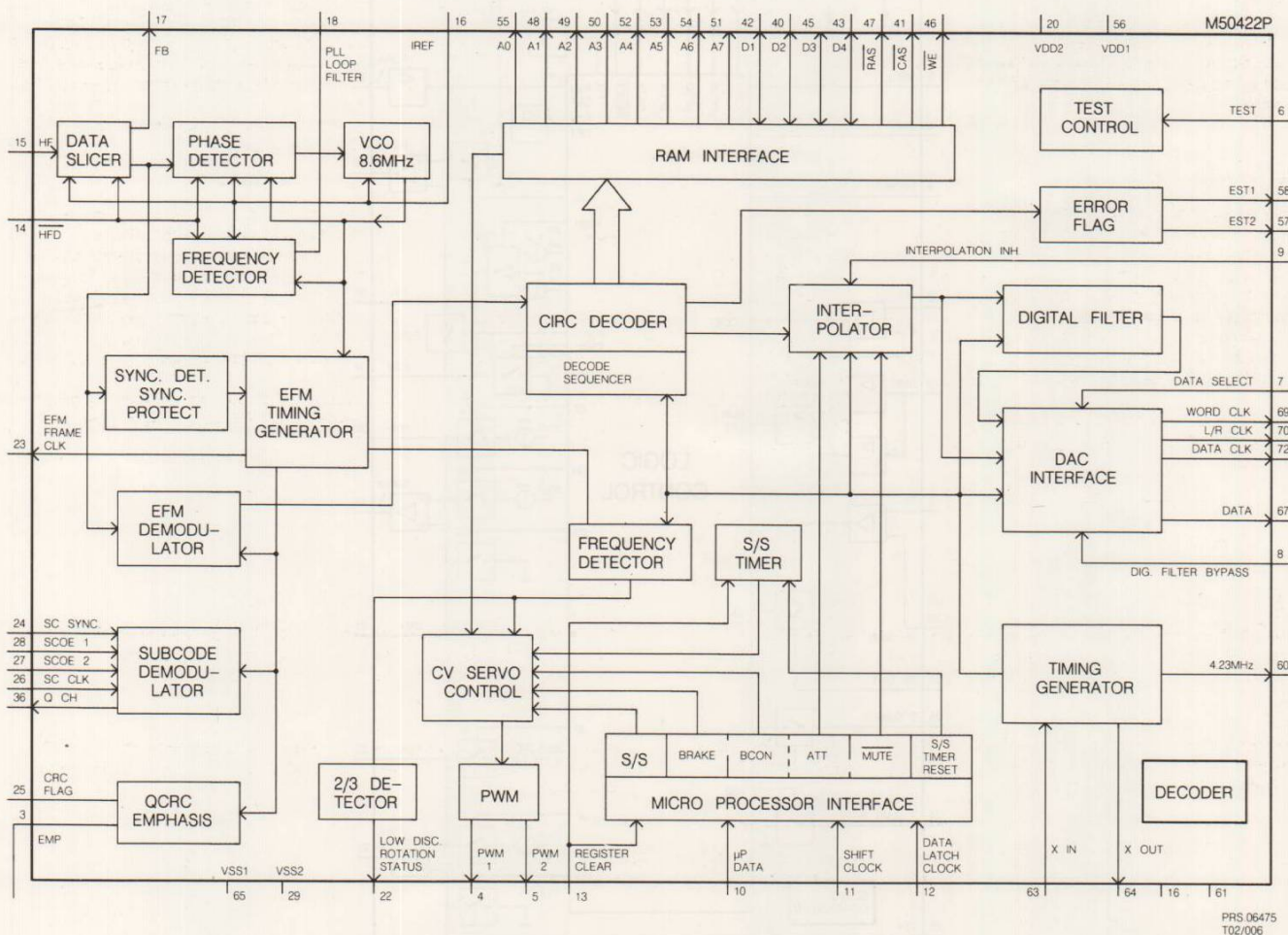
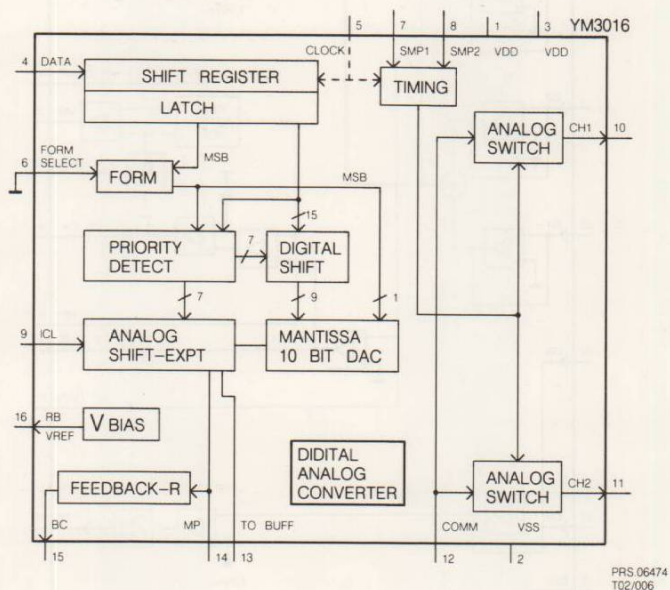


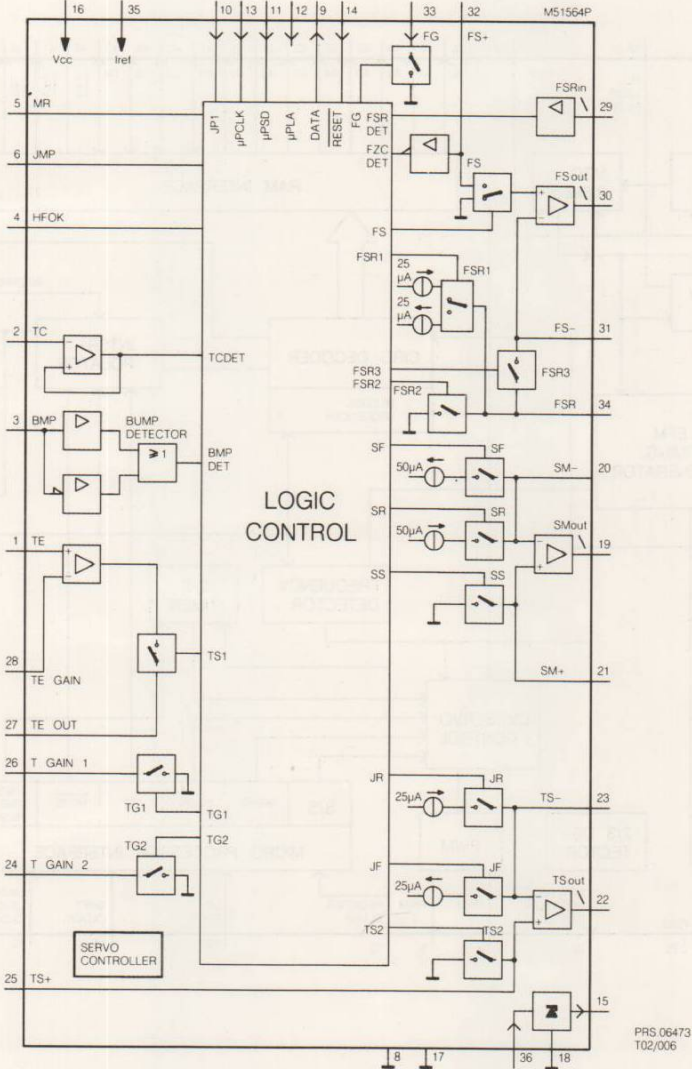
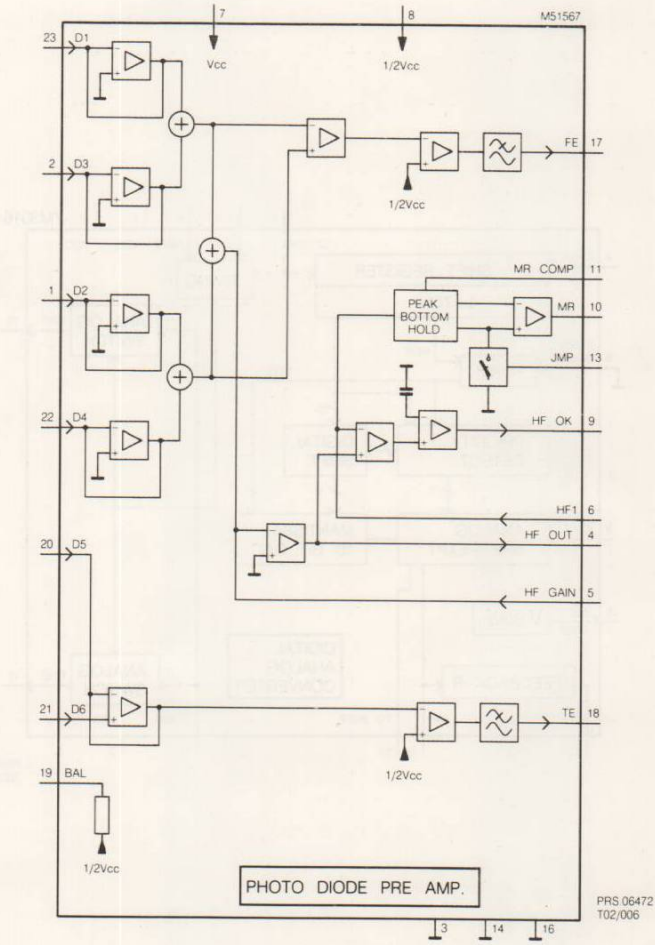
R122	I16	R879	M17
R132	M16	R880	B16
R801	A 4	R881	B16
R802	A 9	C801	A 3
R803	E 7	C802	A 4
R804	B 7	C803	A 8
R805	B 7	C804	B 8
R806	B 7	C805	B 7
R807	B 7	C806	B 9
R810	H 4	C807	B 8
R811	H 3	C808	F 6
R812	G 3	C809	K13
R813	E 8	C810	G15
R814	G15	C811	E14
R815	E14	C812	F14
R816	F15	C813	F14
R817	F10	C814	F10
R818	G10	C815	G10
R819	F 9	C816	H 9
R820	G 9	C817	H 8
R821	G 8	C818	H10
R822	H 9	C819	J 8
R823	D15	C820	J 9
R824	H10	C821	J10
R825	H 9	C822	M10
R826	I 8	C824	K10
R827	I 9	C825	L 8
R828	I10	C826	K 9
R829	I10	C827	L10
R830	E14	C828	F 9
R831	H10	C829	L13
R832	J 9	C834	M 6
R833	J 8	C836	H 8
R834	J10	C837	K 8
R835	K10	C838	F15
R836	K 8	C851	L 6
R837	K10	C915	G10
R838	L 9	C918	H10
R839	I 7	D819	K16
R840	G 8	IC801	D 5
R848	H 8	IC811	E11
R849	K 7	IC812	H 4
R850	M10	IC813	I 4
R853	L 6	IC814	K 4
R854	M 6	IC815	L 4
R858	M 6	TS810	B16
R859	M 6	TS811	G 3
R871	L 9	C801	B 2
R872	L10	C802	G 2
R873	H 6	C803	K 2
R874	H 6	SK105	M18
R875	J 6	SK130	F 4
R876	I 6		
R877	K 6		
R878	K 6		

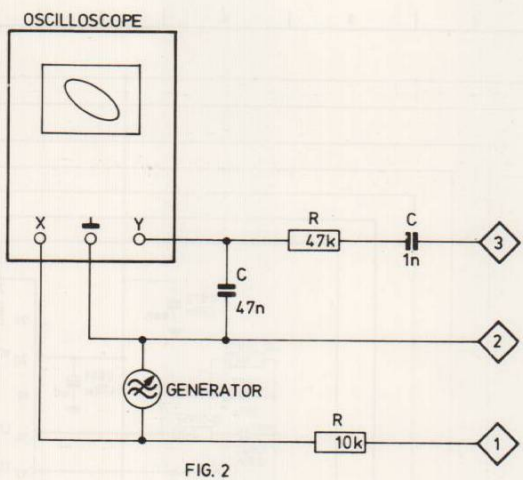
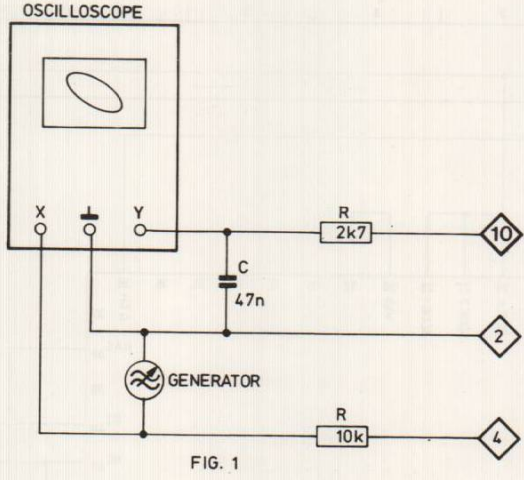
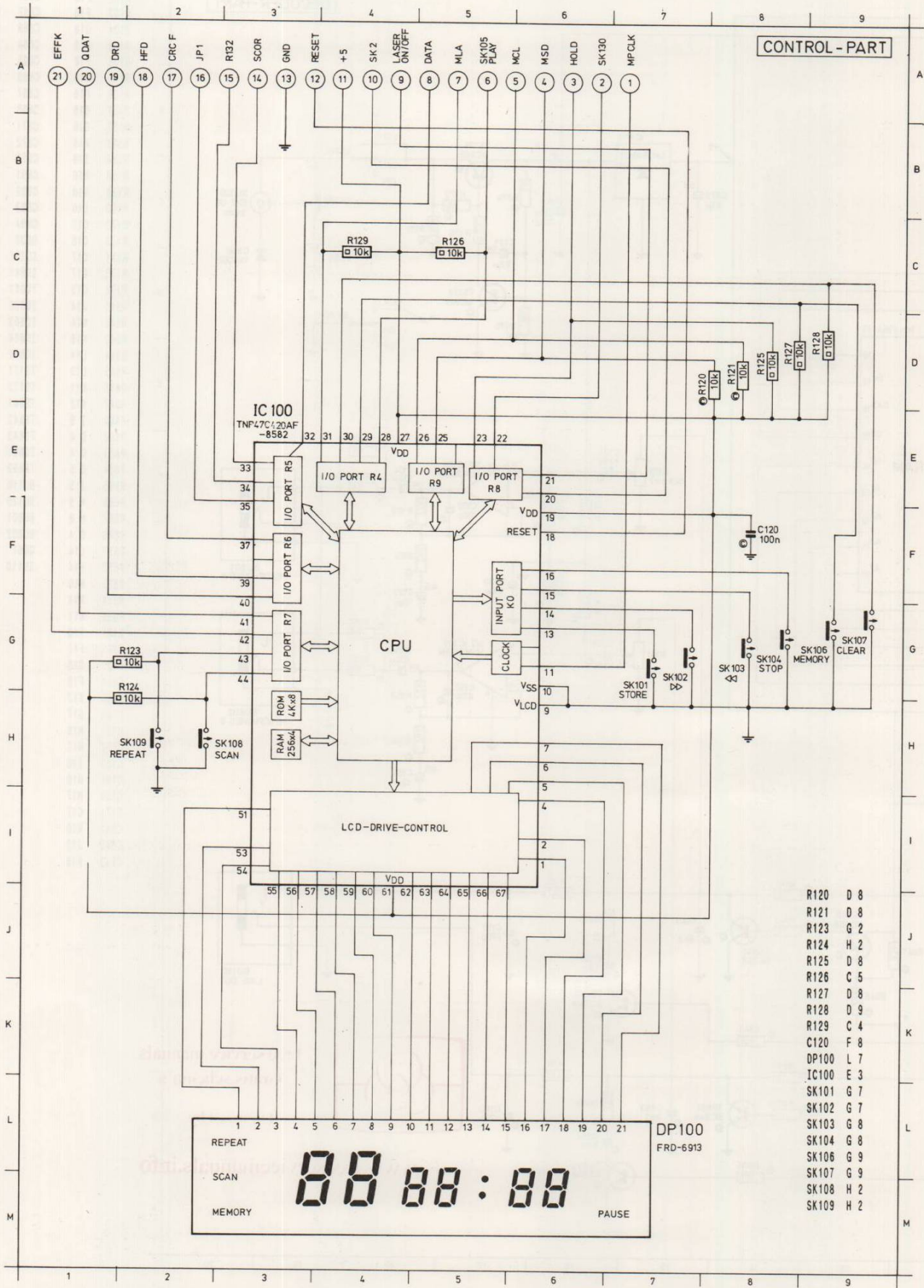
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CD part					
TRACKING OFFSET					
Stop			R840		0 V ± 10 mV
TRACKING BALANCE					
Service* pos. 1 display "--"			R803		Adjust to 0 V DC offset
TRACKING GAIN					
Play with disc 5	1200 Hz 200 mV	see Fig. 1	R816		See Fig. 1 CHX = 0.2 V/DIV CHY = 50 mV/DIV Adjust to circle
FOCUS GAIN					
Play with disc 5	1100 Hz 700 mV	See Fig. 2	R813		See Fig. 2 CHX = 0.5 V/DIV CHY = 5 mV/DIV Adjust to circle
FOCUS OFFSET					
Play with disc 5			R821		
			Check only		U DC measured = Ux
			R821		Adjust to $\frac{U_x}{2}$

* Service pos. "0" = store + memory + power on Display "--"

Service pos. "1" = Service pos. "0", press play; Display "--"

Service pos. "2" = Service pos. "1", press introscan; Display "--"

Display test A = Service pos. "2", press play. (see Fig. 3)

Display test B = Display test A, press play. (see Fig. 3)

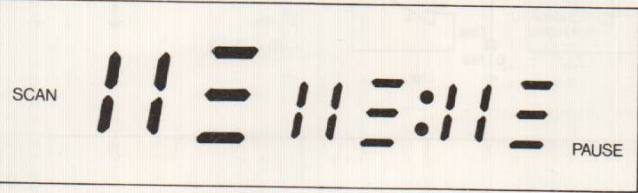
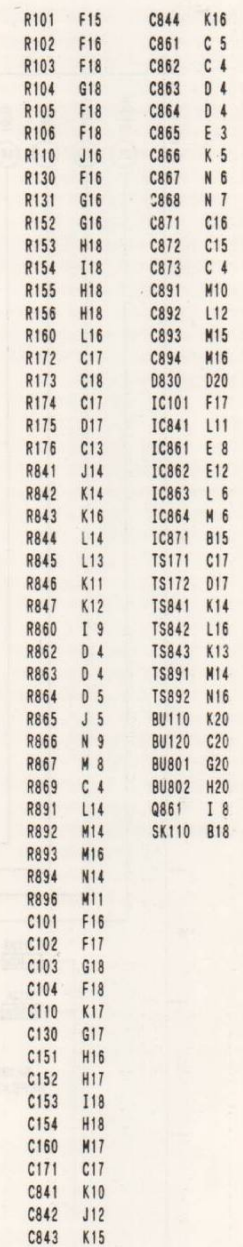
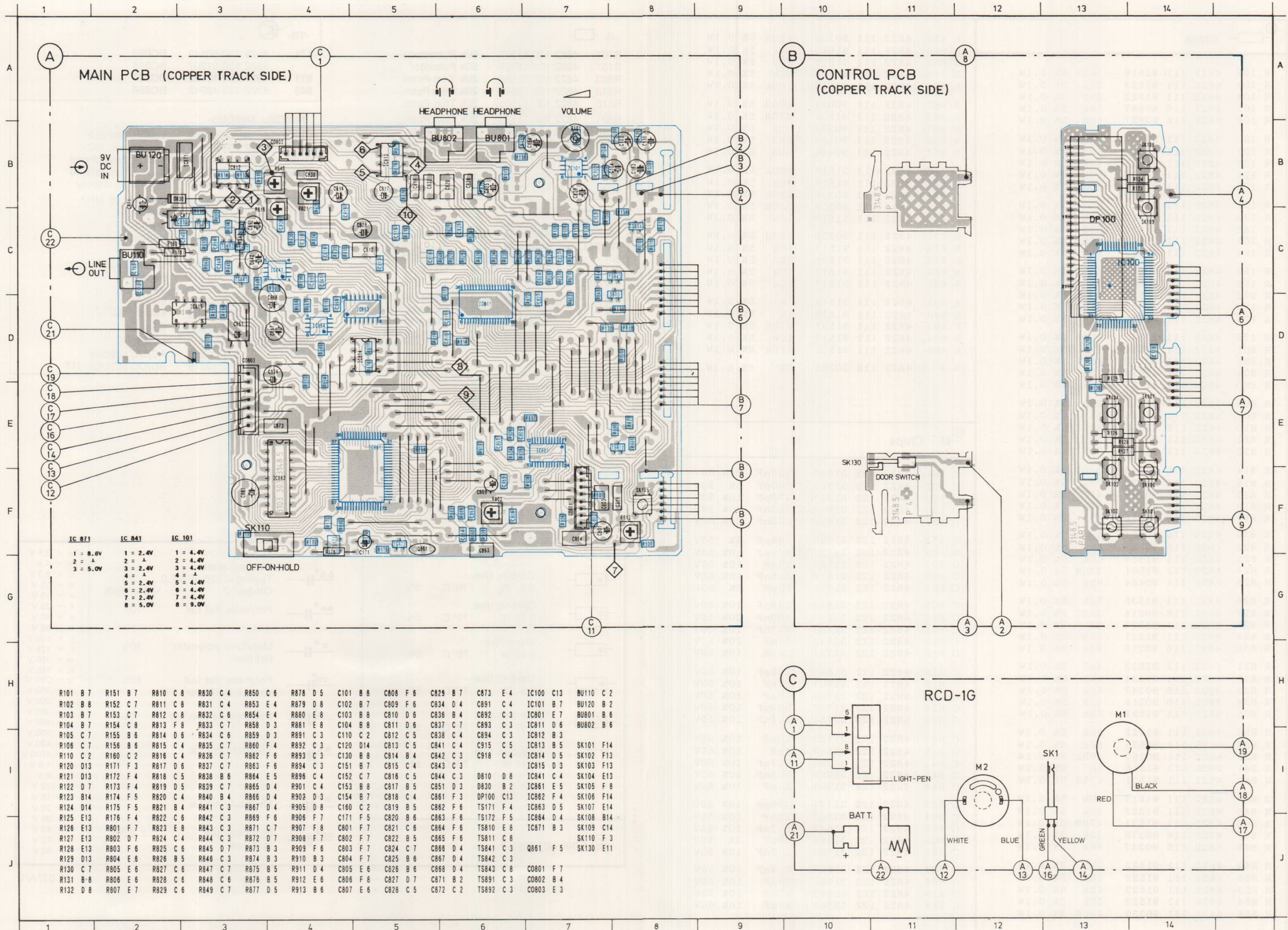


Fig. 3





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R 102	4822	111	91518	100k	5%	0.1W
R 103	4822	111	91523	22k	5%	0.1W
R 104	4822	111	91522	2k2	5%	0.1W
R 105	4822	116	80887	68R	5%	0.1W
R 106	4822	116	80887	68R	5%	0.1W
R 120	4822	111	91517	10k	5%	0.1W
R 121	4822	111	91517	10k	5%	0.1W
R 122	4822	111	91517	10k	5%	0.1W
R 125	4822	111	91517	10k	5%	0.1W
R 130	4822	111	91518	100k	5%	0.1W
R 131	4822	111	91518	100k	5%	0.1W
R 132	4822	111	91517	10k	5%	0.1W
R 152	4822	111	91518	100k	5%	0.1W
R 153	4822	111	91523	22k	5%	0.1W
R 154	4822	111	91522	2k2	5%	0.1W
R 155	4822	116	80887	68R	5%	0.1W
R 156	4822	116	80887	68R	5%	0.1W
R 172	4822	111	91517	10k	5%	0.1W
R 173	4822	116	90345	330k	5%	0.1W
R 174	4822	111	91516	1k	5%	0.1W
R 175	4822	111	90242	180R	5%	0.1W
R 801	4822	111	91516	1k	5%	0.1W
R 802	4822	111	90376	4R7	5%	0.1W
R 804	4822	111	91498	15k	5%	0.1W
R 805	4822	111	91498	15k	5%	0.1W
R 806	4822	111	91521	18k	5%	0.1W
R 807	4822	111	91516	1k	5%	0.1W
R 810	4822	116	90382	820R	5%	0.1W
R 811	4822	111	91526	3k3	5%	0.1W
R 812	4822	111	91522	2k2	5%	0.1W
R 814	4822	116	90345	330k	5%	0.1W
R 815	4822	111	91522	2k2	5%	0.1W
R 817	4822	116	90216	47k	5%	0.1W
R 818	4822	116	90347	68k	5%	0.1W
R 819	4822	116	90216	47k	5%	0.1W
R 820	4822	116	90381	680k	5%	0.1W
R 822	4822	116	90347	68k	5%	0.1W
R 823	4822	111	91517	10k	5%	0.1W
R 824	4822	111	91501	330R	5%	0.1W
R 825	4822	111	90464	6k8	5%	0.1W
R 826	4822	111	91535	56k	5%	0.1W
R 827	4822	116	90214	390R	5%	0.1W
R 828	4822	111	91523	22k	5%	0.1W
R 829	4822	111	91521	18k	5%	0.1W
R 830	4822	116	90216	47k	5%	0.1W
R 831	4822	111	91532	4k7	5%	0.1W
R 832	4822	111	91534	5k6	5%	0.1W
R 833	4822	116	90347	68k	5%	0.1W
R 834	4822	116	90216	47k	5%	0.1W
R 835	4822	111	91521	18k	5%	0.1W
R 836	4822	111	91522	2k2	5%	0.1W
R 837	4822	111	90575	82k	5%	0.1W
R 839	4822	111	90161	470k	5%	0.1W
R 841	4822	111	91516	1k	5%	0.1W
R 843	4822	111	91531	470R	5%	0.1W
R 844	4822	111	91517	10k	5%	0.1W
R 845	4822	111	91523	22k	5%	0.1W
R 846	4822	111	91531	470R	5%	0.1W
R 847	4822	116	90378	33k	5%	0.1W
R 848	4822	116	90347	68k	5%	0.1W
R 849	4822	111	91522	2k2	5%	0.1W
R 850	4822	111	91523	22k	5%	0.1W
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R 854	4822	111	91523	22k	5%	0.1W
R 858	4822	111	90339	220R	5%	0.1W

R 859	4822	111	90339	220R	5%	0.1W
R 860	4822	111	91522	2k2	5%	0.1W
R 862	4822	111	91527	3k9	5%	0.1W
R 863	4822	111	91523	22k	5%	0.1W
R 864	4822	111	91518	100k	5%	0.1W
R 865	4822	111	90091	100R	5%	0.1W
R 866	4822	111	91531	470R	5%	0.1W
R 867	4822	111	90379	33R	5%	0.1W
R 869	4822	111	90191	3M3	5%	0.1W
R 871	4822	111	90464	6k8	5%	0.1W
R 872	4822	111	91518	100k	5%	0.1W
R 873	4822	111	91517	10k	5%	0.1W
R 874	4822	111	90339	220R	5%	0.1W
R 875	4822	111	90339	220R	5%	0.1W
R 876	4822	111	91517	10k	5%	0.1W
R 877	4822	111	90339	220R	5%	0.1W
R 878	4822	111	91517	10k	5%	0.1W
R 879	4822	111	91526	3k3	5%	0.1W
R 880	4822	111	91517	10k	5%	0.1W
R 881	4822	111	91517	10k	5%	0.1W
R 891	4822	111	91516	1k	5%	0.1W
R 892	4822	111	91516	1k	5%	0.1W
R 893	4822	111	91531	470R	5%	0.1W
R 894	4822	111	91517	10k	5%	0.1W
R 896	4822	111	91531	470R	5%	0.1W
R 9	4822	116	90384	0E	5%	0.1W

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C 101	4822	122	31947	100nF	20%	50V
C 102	4822	122	31765	100pF	5%	50V
C 110	4822	122	31727	470pF	10%	50V
C 120	4822	122	31947	100nF	20%	50V
C 151	4822	122	31947	100nF	20%	50V
C 152	4822	122	31765	100pF	5%	50V
C 160	4822	122	31727	470pF	10%	50V
C 802	4822	122	31797	22nF	10%	50V
C 805	4822	122	31916	5.6nF	10%	50V
C 807	4822	122	31971	10pF	5%	50V
C 808	4822	122	31843	270pF	10%	50V
C 810	4822	122	31947	100nF	20%	50V
C 811	4822	122	31784	4.7nF	10%	50V
C 813	4822	122	32542	47nF	10%	50V
C 815	4822	122	31797	22nF	10%	50V
C 816	4822	122	31843	270pF	10%	50V
C 818	4822	122	31797	22nF	10%	50V
C 821	4822	122	31759	18nF	10%	50V
C 824	4822	122	31773	560pF	10%	50V
C 827	4822	122	31784	4.7nF	10%	50V
C 837	4822	122	31728	10nF	10%	50V
C 838	4822	122	31647	1nF	10%	50V
C 841	4822	122	31783	2.7nF	10%	50V
C 843	4822	122	31969	3.3nF	10%	50V
C 844	4822	122	31981	33nF	10%	50V
C 862	4822	122	31771	390pF	10%	50V
C 864	4822	122	31797	22nF	10%	50V
C 865	4822	122	31644	2.2nF	10%	50V
C 868	4822	122	31961	68pF	5%	50V
C 891	4822	122	31783	2.7nF	10%	50V
C 893	4822	122	31969	3.3nF	10%	50V
C 894	4822	122	31981	33nF	10%	50V
C 915	4822	122	32542	47nF	10%	50V
C 918	4822	122	32542	47nF	10%	50V

-R-

R101	4822	100	11359	50k	Potmeter
R151	4822	100	11359	50k	Potmeter
R803	4822	100	11596	20k	Trim Potm.
R813	4822	100	11596	20k	Trim Potm.
R816	4822	100	11596	20k	Trim Potm.
R821	4822	100	11596	20k	Trim Potm.
R840	4822	100	11596	20k	Trim Potm.

-D-

830	4822	130	31438	1N4002
810	5322	130	31928	BAS16

-IC-

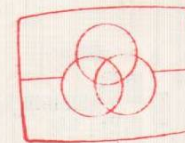
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101,841,864	4822	209	73157	NJM3415M
801	4822	209	72814	M51567P
811	4822	209	72815	M51564P
812-815	4822	209	62188	TDA7072/N2
861	4822	209	72813	M50422P
862	4822	209	70422	NM4364-15
863	4822	209	73864	YM3016F
871	5322	209	72487	LM2940CT-5.0

-TS-

171	4822	130	60142	BC869
	4822	130	61207	BC848
811	4822	130	42132	BC807
843	5322	130	42012	BC858

-MISCELLANEOUS-

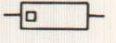
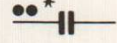
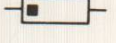
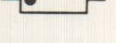
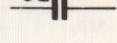
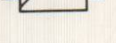
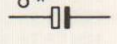
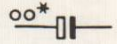
BU110	4822	267	40788	socket, line out
BU120	4822	267	31179	socket, ext. DC
BU801	4822	267	40799	socket, headphone
BU802	4822	267	40788	socket, headphone
DP100	4822	130	90545	FRD-6913 display
Q861	4822	242	72565	crystal 8.46 MHz
SK101	4822	276	12465	switch
SK102	4822	276	12465	switch
SK103	4822	276	12465	switch
SK104	4822	276	12465	switch
SK105	4822	276	12465	switch
SK106	4822	276	12465	switch
SK107	4822	276	12465	switch
SK108	4822	276	12465	switch
SK109	4822	276	12465	switch
SK110	4822	276	12465	switch
SK130	4822	276	12465	switch
AC001	4822	218	10259	AC/DC adaptor
AC001	4822	218	10319	AC/DC adaptor -/17



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 Carbon film 0.2 W 70°C 5%	 Ceramic plate Tuning ≤ 120 pF NP.0 2% Others -20/+80%	*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 j = 100 V l = 125 V m = 150 V n = 160 V q = 200 V r = 250 V s = 300 V t = 350 V u = 400 V v = 500 V w = 630 V x = 1000 V A = 1.6 V B = 6 V C = 12 V D = 15 V E = 20 V F = 35 V G = 50 V H = 75 V I = 80 V
 Carbon film 0.33 W 70°C 5%	 Polyester flat foil 10%	
 Metal film 0.33 W 70°C 5%	 Metalized polyester flat film 10%	
 Carbon film 0.5 W 70°C 5%	 Polyester flat foil small size (Mylar) 10%	
 Carbon film 0.67 W 70°C 5%	 Polysterene film/foil 1%	
 Carbon film 1.15 W 70°C 5%	 Tubular ceramic	
© Chip component	 Miniature single  Subminiature tantalum ± 20%	

27 037A/C

CS 27 738