



Für alle Einstellungen gilt:
Mit Regeltrafo Netzspannung
auf 220 V einstellen!

5-V-DC-Einstellung

Die 5-V-DC-Betriebsspannung
ist vom Werk eingestellt. Bei
notwendiger Nacheinstellung
wie folgt vorgehen:

- 1. Helligkeitsregler am Monitor
auf maximum.
- 2. Digitalvoltmeter an Stecker
CD 102 Pin 3 anschließen.
- 3. Mit VR 5001 auf 5 V DC
-0,1 V einstellen.

Vorsicht!

5-V-DC-Betriebsspannung darf
nicht größer sein, um eine ein-
wandfreie Funktion und Zuver-
lässigkeit der IC zu gewährlei-
sten.

12-V-DC-Einstellung

Die 12-V-Betriebsspannung ist
vom Werk eingestellt.
Bei notwendiger Nacheinstel-
lung wie folgt vorgehen:

- 1. Helligkeitsregler am Monitor
auf maximum.
- 2. Digitalvoltmeter an Stecker
CD 102 Pin 2 anschließen.
- 3. Mit VR 5002 auf 12 V -0,2 V
einstellen.

Vorsicht!

Die 12-V-Betriebsspannung darf
nicht größer sein, um eine ein-
wandfreie Funktion und Zuver-
lässigkeit des Gerätes zu ge-
währleisten.

Horizontalfrequenz-
Einstellung

- 1. Steuern Sie den Monitor mit
keinem Signal an.
- 2. Frequenzzähler an Stecker
CP 4001 Pin 1 anschließen.
- 3. Mit Regler VR 4005 nun die
Frequenz von 15625 Hz
einstellen.

Bildhöhe
und Linearität

- 1. Laden Sie das Testprogramm.
- 2. Mit Regler VR 4002 oberen
und unteren Bildrand auf
15 mm einstellen.
- 3. Mit Regler VR 4003 linken
und rechten Bildrand auf
16 mm einstellen.

Bildlage –
Mitteneinstellung

- 1. Laden Sie das Testprogramm.
- 2. Mit den beiden Magnetringen
am Bildröhrenhals die Bild-
lage und Mitteneinstellung
vornehmen.

5-V adjustment

The 5-V adjustment control is
adjusted at the factory. However,
should readjustment be re-
quired, proceed as follows:

- 1. Adjust VR 2001 to Max.
- 2. Connect positive lead of volt-
meter to 5-V adjust point,
negative lead to chassis
ground.
- 3. Adjust VR 5001 to obtain a
5-V reading.

Caution:

To insure proper operation and
circuit reliability, do not exceed
5 V.

12-V adjustment

The 12-V adjustment control is
adjusted at the factory. However,
should readjustment be re-
quired, proceed as follows:

- 1. Adjust VR 2001 to Max.
- 2. Connect positive lead of volt-
meter to 12-V adjust point,
negative lead to chassis
ground.
- 3. Adjust VR 5002 to obtain a
12-V reading.

Caution:

To insure proper operation and
circuit reliability, do not exceed
12 V.

H-Hold adjustment

- 1. Receive the snowy station
(free-run).
- 2. Connect frequency counter to
CP 4001 Pin 1.
- 3. Adjust H-Hold control
(VR 4005) to obtain 15 625 Hz
reading.

Vertical size
and linearity

- 1. Use the Pattern Disc.
- 2. Adjust VR 4002 to get top &
bottom border to measure
15 mm.
- 3. Adjust VR 4003 to get left &
right borders to measure
16 mm.

Centering adjustment

- 1. Use the Pattern Disc.
- 2. Adjust picture by means of the
magnet on the back of DY so
that it comes to the center of
the screen.

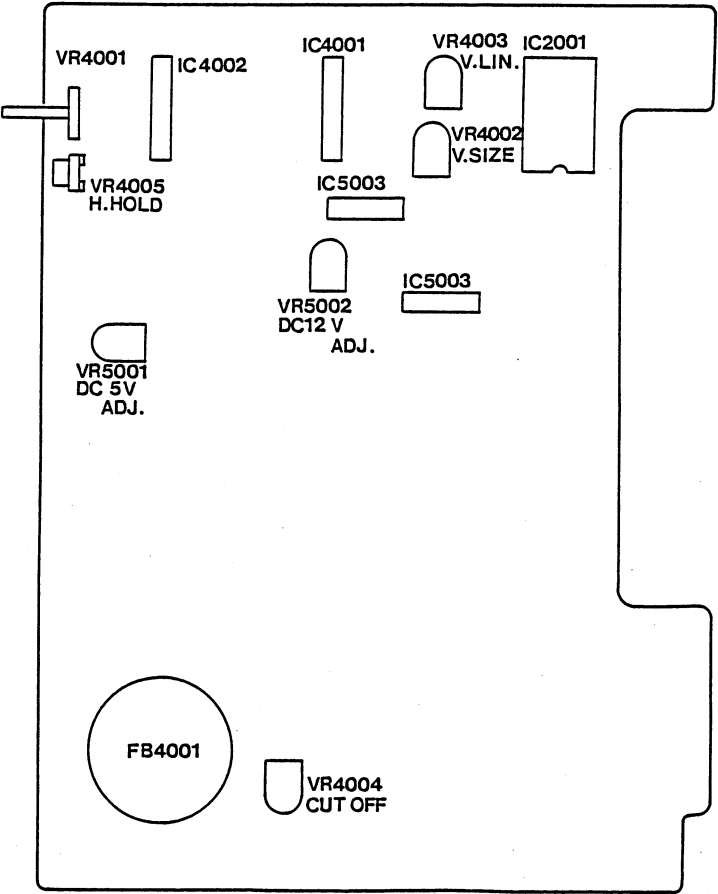
Ersatzteilliste für PCW 8256 Joyce (Monitor, Computer)
Parts List for Model Type PCW 8256 Joyce (Monitor, Computer)

Best.-Nr./Part No.	Bezeichnung	Description	Teile-Nr./Part No.	Zeich.-Pos./Ref.-No.
29 987 00-431	Frontrahmen kompl.	Cabinet, front	701KPD0022	101 M
29 988 00-431	Gehäusefuß	Cabinet, stand	701KPA0038	102 M
29 989 00-4294	Platinenhalter oben	Holder, P.C.B. top	769KPA0007	103 M
29 990 00-4294	Platinenhalter unten	Holder, P.C.B. bottom	769KPA0008	104 M
29 991 00-4281	Knopf, Dreh	Knob, control	732KPA0020	105 M
29 992 00-4294	Platinenhalter L	Holder, P.C.B. (L)	769KPA0009	110 M
29 993 00-4294	Platinenhalter R	Holder, P.C.B. (R)	769KPA0010	111 M
29 994 00-4282	Knopf Taste	Button, power	735KPA0019	113 M
	Rahmen L	Frame, P.C.B. (L)	761KSA0068	115 M
	Rahmen R	Frame, P.C.B. (R)	761KSA0069	116 M
	Rahmen hinten	Frame, P.C.B. back	761KSA0070	117 M
	Kühlkörper	Heat sink, power IC	763KAE0005	118 M
	Kühlkörper	Heat sink, power transistor	763KAE0004	119 M
	Kühlkörper	Heat sink	763KAA0018	120 M
	Kühlkörper	Heat sink	763KAE0006	121 M
29 995 00-431	Rückwand	Cabinet, back	701KPA0035	128 M
29 996 00-213	Styropor oben	Package, top	792KHA0058	
29 997 00-213	Styropor unten	Package, bottom	792KHA0059	
29 998 00-212	FK PCW 8256	Gift box	793KCD0159	

Ersatzteilliste für PCW 8256 Joyce (Tastatur, Drucker)
Parts List for Model Type PCW 8256 Joyce (Key-Board, Printer)

Best.-Nr./Part No.	Bezeichnung	Description	Teile-Nr./Part No.	Zeich.-Pos./Ref.-No.
	Tastatur	Keyboard		
29 999 00-424	Gehäuse Oberteil	Cabinet, top	702KPA0063	101 K
32 000 00-423	Gehäuseboden	Cabinet, bottom	702KPA0064	102 K
	Folienbeutel	Poly bag	791KHA0040	
32 001 00-213	Styropor Tastatur links	Package, left	792KHA0062	
32 002 00-213	Styropor Tastatur rechts	Package, right	792KHA0063	
	Drucker	Printer		
32 088 00-424	Papierführung	Sheet tray	706KPA0019	101 P
32 089 00-424	Abdeckhaube	Dust cover	706KPA0020	102 P
32 090 00-424	Papierhalter	Holder, sheet	706KPA0021	103 P
32 003 00-424	Gehäuse Oberteil	Cabinet, top	702KPA0065	104 P
32 004 00-423	Gehäuseboden	Cabinet, bottom	702KPA0066	105 P
	Folienbeutel	Poly bag	791KHA0039	
32 005 00-213	Styropor Drucker links	Package, left	792KHA0060	
32 006 00-213	Styropor Drucker rechts	Package, right	792KHA0061	
28 822 00-927	Farbband	Ribbon cassette assembly		

TEST POINTS LOCATION GUIDE



This diagram is a detailed mechanical exploded view of a monitor assembly. It shows the relationship between various components, including the monitor housing, internal frame, and various printed circuit boards (PCBs). Key components labeled include:

- Monitor Housing:** 101 M, 102 M, 103 M, 104 M, 105, 106, 107, 108, 109, 110 M, 111 M, 112, 113, 114, 115 M, 116 M, 117 M, 118 M, 119 M, 120 M, 121 M, 122, 123, 124, 125, 126, 127, 128 M, 129, 130, 131, 132, 133, 134, 135, 136.
- Printed Circuit Boards (PCBs):** PCB001, PCB002, PCB004, FDD201.
- Other Components:** 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300.

The diagram illustrates the assembly sequence and the spatial arrangement of these parts. It is a technical drawing used for manufacturing and assembly purposes.

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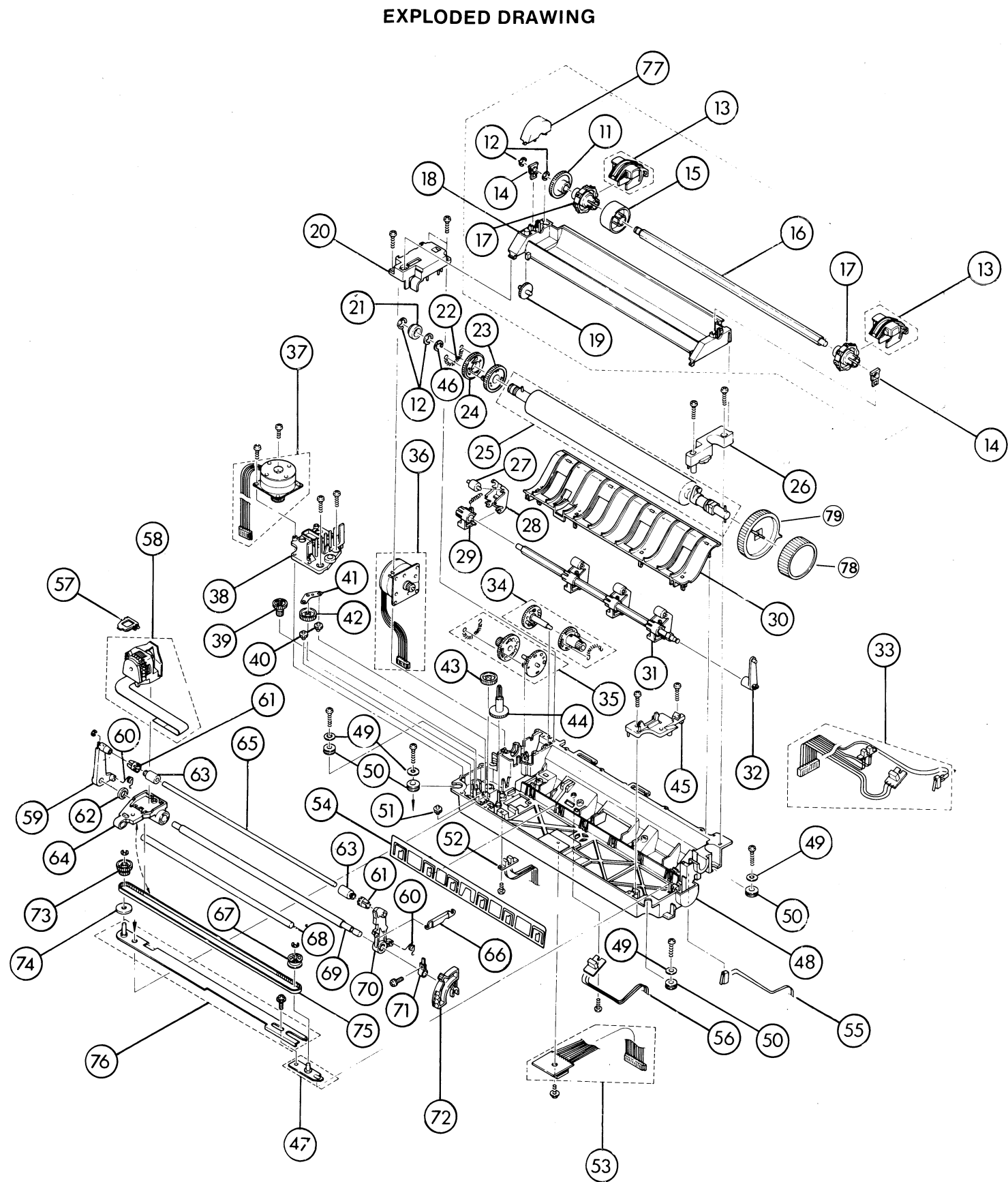
**MECHANICAL EXPLODED VIEW
(Printer)**

This diagram illustrates the mechanical assembly of a printer, showing the following components and their assembly sequence:

- 101 K**: The main printer housing or frame.
- SW801**: A switch component.
- PCB801**: A printed circuit board.
- 201**: Multiple screws used for assembly.
- 102 K**: A component, likely a carriage or paper support.
- 103 P**: A component, likely a paper support or guide.
- 101 P**: A component, likely a paper support or guide.
- 102 P**: A component, likely a paper support or guide.
- 04**: A component, likely a paper support or guide.
- SP-800DH**: A component, likely a paper support or guide.
- PCB701**: A printed circuit board.
- 105 P**: A component, likely a paper support or guide.
- 203**: A component, likely a paper support or guide.
- 106**: A component, likely a paper support or guide.
- NEW ZEALAND ONLY**: A note indicating a specific assembly requirement for the New Zealand market.

106—NEW ZEALAND ONLY

Ersatzteilliste für PCW 8256 Joyce (Drucker)
Parts List for Model Type PCW 8256 Joyce (Printer)



Ersatzteilliste für PCW 8256 Joyce (Drucker)
Parts List for Model Type PCW 8256 Joyce (Printer)

Best.-Nr./Part No.	Bezeichnung	Description	Teile-Nr./Part No.	Zeich.-Pos./Ref.-No.
32 131 00-429	Traktor kompl.	Tractor case assembly		
32 091 00-4292	Zahnrad	Reduction gear	171141	11
32 092 00-407	Sicherungsring	Collar	171142	12
32 093 00-429	Traktorführung	Tractor unit	171143	13
32 094 00-429	Halterung Welle	Bearing	171144	14
32 096 00-4292	Stechwalze	Pin feed roller	171147	17
32 097 00-429	Rahmen Traktor	Frame tractor fed	171148	18
32 098 00-4292	Zahnrad	Gear transfer	171149	19
32 099 00-4067	Scheibe	Bearing platen	171151	21
32 100 00-4162	Feder	Spring compensation	171152	22
32 101 00-4292	Zahnrad Walzenantrieb	Gear platen	171153	23
32 102 00-4292	Zahnrad	Gear compensation	171154	24
32 103 00-429	Gummiwalze kompl.	Platen	171155	25
32 104 00-429	Papierführung	Paper guide	171160	30
32 105 00-429	Papierlöserhebel	Arm paper guide	171162	32
32 106 00-327	Schalter (Papierende, Endschalter, Bügel) kompl.	Sensor harness	171163	33
32 107 00-4292	Kupplung (L)	Clutch assembly (L)	171164	34
32 108 00-4292	Kupplung (R)	Clutch assembly (R)	171165	35
32 109 00-501	Motor Zeilenvorschub kompl.	Motor paper feed	171166	36
32 110 00-501	Motor Druckkopfantrieb kompl.	Motor head drive	171167	37
32 111 00-4292	Zahnrad	Reduction gear	171169	39
32 112 00-4292	Zahnrad	Gear A	171170	40
32 113 00-429	Umschaltwinkel	Bracket gear	171171	41
32 114 00-4292	Zahnrad	Gear main	171172	42
32 115 00-4292	Zahnrad	Gear B	171173	43
32 116 00-4292	Antriebsscheibe	Gear ribbon drive	171174	44
32 117 00-4081	Federscheibe	Circlip	171176	46
32 118 00-429	Rahmen	Printer chassis	171184	48
32 119 00-4292	Zahnrad	Gear C	171179	51
32 120 00-501	Druckkopf kompl.	Print head assembly	171186	58
32 121 00-4163	Feder	Spring bail bar	171188	60
32 122 00-4065	Filz	Collar bail bar	171190	62
32 123 00-429	Andruckschlitten	Carriage print head	171192	64
32 124 00-429	Verbinder	Connecting arm bail bar	171194	66
32 125 00-429	Einsteller Druckkopfandruck	Head pressure adjuster	171200	72
32 126 00-4292	Zahnrad Druckkopfantrieb	Sprocket timing (L)	171202	73
32 127 00-4152	Zahnriemen	Belt timing	171204	75
32 128 00-4297	Abdeckung Zahnrad	Cover gear	171206	77
32 129 00-4285	Knopf Papiertransport			78
32 130 00-4285	Knopf Papierlöserhebel			79

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Best.-Nr./Part No.	Bezeichnung	Description	Teile-Nr./Part No.	Zeich.-Pos./Ref.-No.
IC				
32 011 00-302	IC	UPD65030	I82F650300	IC101
26 352 00-302	IC	Z8400APS	I4SD00Z80A	IC102
29 816 00-302	IC	TC74HCU04P	I55DHCU04D	IC103
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC104
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC105
32 012 00-302	IC	TMM41257P-13	I45D41257C	IC106
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC107
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC108
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC109
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC110
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC111
32 013 00-302	IC	TC74HC14P	I55D4HC140	IC120
29 817 00-302	IC	FDC9216BT	I6UD092160	IC201
32 014 00-302	IC	TC74MC00	I55D4HC000	IC202
29 220 00-302	IC	UPD765AC-2	I42D765AC2	IC203
32 017 00-302	IC	TC74HC04	I55D4HC040	IC204
32 017 00-302	IC	TC74HC04	I55D4HC040	IC205
32 015 00-302	IC	UP08041AHC-199	I42D080410	IC701
32 014 00-302	IC	TC74HC00	I55D4HC000	IC2001
32 016 00-302	IC	LA1385	I03SD13850	△IC4001
32 010 00-302	IC	AN5753	I01SD57530	△IC4002
26 611 00-302	IC	STK-7308	I03S073080	△IC5001
32 009 00-302	IC	AN6531	I01A965310	△IC5002
32 009 00-302	IC	AN6531	I01A965310	△IC5003
32 008 00-302	IC	AN78N24	I01A98N240	△IC5004
Transistoren/Transistors				
26 613 00-301	TRANS	KTA950Y	TAA0009504	Q2001
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q4001
26 551 00-301	TRANS	2SD1159	TD30011590	△Q4002
26 616 00-301	TRANS	2SD1207	TD30012070	△Q5001
32 007 00-301	TRANS	2SD1666	TD30016660	Q5002
32 007 00-301	TRANS	2SD1666	TD30016660	△Q5003
32 007 00-301	TRANS	2SD1666	TD30016660	△Q5004
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5005
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q5006
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5007
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q5008
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5009
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5010
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q5011
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5012
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q5013
26 549 00-301	TRANS	KTC2229Y	TCA0022294	Q8001
Dioden/Diodes				
08 079 00-304	DIODE	1S2472-HS	D17G024720	D101
26 555 00-3041	DIODE	DS442X-BT	D13TDS442X	D2001
32 018 00-3044	ZENERDIODE	GZA2.0XB	D33T02R00X	D2002
26 555 00-3041	DIODE	DS442X-BT	D13TDS442X	D4001
26 558 00-304	DIODE	V09C	D24000V09C	D4002
26 559 00-304	DIODE	V06C	D24000V05C	D4003
26 621 00-3041	DIODE	BB-4	D28000BB40	D4004
26 561 00-3041	DIODE	11E2TA1 10D-2	D28T011E20	D4005
26 553 00-3041	DIODE	11E1TA1-T 10D-1	D28T011E10	D4006
32 019 00-3041	DIODE	20E10	D28020E100	△D5001
32 019 00-3041	DIODE	20E10	D28020E100	△D5002
32 019 00-3041	DIODE	20E10	D28020E100	△D5003
32 019 00-3041	DIODE	20E10	D28020E100	△D5004
26 622 00-3044	ZENERDIODE	RD3.6FB	D92F13R680	△D5005
26 623 00-3041	DIODE	RGP-10K	D2LFRGP10K	D5006
26 622 00-3044	ZENERDIODE	RD3.6FB	D92F13R600	△D5007
26 623 00-3041	DIODE	RGP-10K	D2LFRGP10K	D5008
32 021 00-3041	DIODE	30DF2-FC	D28F300F20	D5009
32 021 00-3041	DIODE	30DF2	D28030DF20	D5010
32 021 00-3041	DIODE	30DF2-FC	D28F30DF20	D5011
26 555 00-3041	DIODE	DS442X-BT	D13TDS442X	D5012
32 020 00-3044	ZENERDIODE	MA2560	D910156000	D8001
Spulen und Transformatoren/Coils and Transformers				
32 023 00-3251	Spule	LAL03KH2R2M	021JB22R2M	L101
32 024 00-3251	Spule	100UH 1451MM	021H66100K	L4001
32 025 00-3253	Spule	21000006	0221000006	L4002
26 630 00-3253	Spule	FK0B160MH14	029A000002	L5001
32 026 00-3243	Trafo Hor.	RB-20852	045017001E	T4001
32 027 00-3243	Netztrafo	8140001	048140001G	T5001
32 028 00-3244	Trafo Zeilen	20T4001	0420140011	FB4001

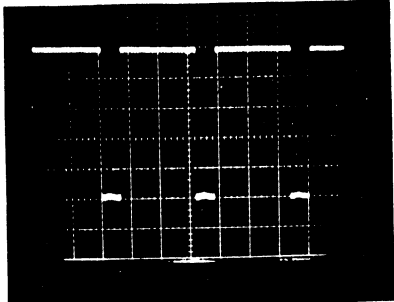
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Best.-Nr./Part No.	Bezeichnung	Teile-Nr./Part No.	Zeich.-Pos./Ref.-No.
Widerstände/Resistors			
32 065 00-321	R. METAL OXIDE RS-1 B010J	1 OHM 1 W	R3E101010J △R4009
14 861 00-3217	R. FUSE EPQ-14AJ390P	39 OHM ¼ W	R61584390J △R4015
32 066 00-321	R. METAL OXIDE RS-2 B100J	10 OHM 2 W	R3E10A100J △R4016
32 072 00-3217	R. FUSE ERQ-12AJ220	22 OHM ½ W	R61502220J △R4022
26 597 00-3219	R. CEMENT ERF-5ZXK5R6	5.6 OHM 5 W	R512AD5R6J △R5001
32 067 00-321	R. METAL OXIDE RS-3 B010J	1 OHM 3 W	R3E10B010J △R5002
26 599 00-321	R. METAL OXIDE RS-1 B102J	1 K OHM 1 W	R3E101102J △R5003
26 000 00-321	R. METAL OXIDE RS-1 B392J	3.9 OHM 1 W	R3E101392J △R5005
32 074 00-3212	RC ERD-50TJ184T	180K OHM ½ W	R011T2184J R5006
32 074 00-3212	RC ERD-50TJ184T	180K OHM ½ W	R011T2184J R5007
29 792 00-321	R. METAL OXIDE RS-2 B330J	33 OHM 2 W	R3E10A330J △R5009
32 073 00-3217	R. FUSE ERQ-14AJ150P	15 OHM ¼ W	R61584150J △R5011
32 068 00-321	R. METAL OXIDE ERX-2ANJR27H	0.27 OHM 2 W	R3118AR27J △R5012
32 069 00-321	R. METAL OXIDE ERX-2ANJR33H	0.33 OHM 2 W	R3118AR33J △R5013
10 182 00-3212	RC ERD-50TJ102T	1K OHM ½ W	R011T2102J R5014
32 070 00-321	R. METAL OXIDE RS-2 B331J	330 OHM 2 W	R3E10A331J △R5020
06 850 00-3212	RC ERD-25TJ222T	2.2K OHM ¼ W	R011T4222J △R5021
32 075 00-3212	RC ERD-50TJ8R2T	8.2 OHM ½ W	R011T28R2J R5022
10 182 00-3212	RC ERD-50TJ102T	1K OHM ½ W	R011T2102J R5025
06 869 00-3212	RC ERD-50TJ680T	68 OHM ½ W	R011T2680J R5029
06 869 00-3212	RC ERD-50TJ680T	68 OHM ½ W	R011T2680J R5030
32 070 00-321	R. METAL OXIDE RS-2 B331J	330 OHM 2 W	R3E10A331J △R5031
32 071 00-321	R. METAL OXIDE MOR-2 W472J	4.7K OHM 2 W	R3D30A472J △R8002
Kondensatoren/Capacitors			
32 086 00-311	CPP DTW-473J-400V	0.047 µF 400V	P34104473J C4027
32 087 00-311	CPP DTW-272J-630V	0.0027 µF 630V	P34105272J C4028
32 082 00-307	CE 160TWS010M	1 µF 160V	E025TB010M C4029
32 083 00-307	CE 160TWS100M	10 µF 160V	E0B50B100M C4030
32 078 00-311	CMPL ECQ-U2A104MNB	0.1 µF AC250V	P614FB104M △C5001
26 646 00-314	CC HS15SJYB222K	0.0022 µF 2KV B	C020B07H3K C5002
26 646 00-314	CC HS15SJYB222K	0.0022 µF 2KV B	C020B07H3K C5003
26 646 00-314	CC HS15SJYB222K	0.0022 µF 2KV B	C020B07H3K C5004
32 084 00-307	CE LLR2G101MHSA	100 µF 400 V	E03L0H101M C5005
32 085 00-307	CE 250TWS010M	1 µF 250V	E0250D010M C5006
26 647 00-314	CC DE1410BN152K2KV	0.0015 µF 2KV	C030BN7E3K C5010
26 650 00-314	CC DE1210BN102K2KV	0.001 µF 2KV	C030BN713K C5011
26 649 00-314	CC ECK-DGS222MD4	2200 PF 4KV	C010D09H3M △C5013
32 080 00-314	CC RTHM60SJYB102K	0.001 µF 500V B	C02TB0513K C5014
32 080 00-314	CC RTHM60SJYB102K	0.001 µF 500V B	C02TB0513K C5015
32 080 00-314	CC RTHM60SJYB102K	0.001 µF 500V B	C02TB0513K C5016
32 081 00-314	CC HM60SJYB102K	0.001 µF 500V B	C020B0513K C8003
Verschiedenes/Miscellaneous			
26 367 00-3323	Buchse DC	HEC0470-01-630	JACK DC 0602602001 J101
32 022 00-3322	Buchse Tastatur	TCS4440-01-1011	JACK DIN TCS4440-01-1011 J801
26 569 00-3328	Sockel Bildröhre	ICS-B103	SOCKET CATHODE RAY TUBE 066E010001 △J8001
26 639 00-3272	Netzschalter		SWITCH PUSH 0530103001 △SW5001
32 029 00-3221	Drehregler	EVJ-FDAF20B52	VOLUME ROTALY V013052B02 VR2001
32 030 00-3221	Drehregler	K121K0Z21-20KB	VOLUME ROTALY V023024B06 VR4001
32 031 00-502	Platine Monitor	MM0010B	PCB 13MM0010B3 PCB001
32 032 00-502	Platine Buchse	MS0027B	PCB 13MS0027B3 PCB002
32 033 00-502	Platine Bildröhre	MS0028B	PCB 13MS0028B3 PCB003
32 034 00-502	Platine Poti	MS0029B	PCB 13MS0029B3 PCB004
32 035 00-502	Platine CPU	MC00150	PCB 13MC0015Q1 PCB101
32 036 00-926	Systemdiskette ½	EBFCF2SS1N05	COMPACT FLOPPY DISC 1421311200 CFD101
32 037 00-926	Systemdiskette ¾	EBFCF2SS1005	COMPACT FLOPPY DISC 1421311300 CFD102
32 038 00-502	Floppylaufwerk kpl.	DRIVE EME-155	COMPACT FLOPPY DISC 160140002A FDD201
32 039 00-302	Sicherungs IC	ICP-N75	IC PROTECTOR 084702R702 △ICP5001
32 039 00-302	Sicherungs IC	ICP-N75	IC PROTECTOR 084702R702 △ICP5002
32 039 00-302	Sicherungs IC	ICP-N75	IC PROTECTOR 084702R702 △ICP5003
32 040 00-3219	Widerstand Netzwerk	RM 8-103J	R. NETWORK 1106810302 NR101
32 041 00-3219	Widerstand Netzwerk	RM 7-103J	R. NETWORK 1106710302 NR102
32 040 00-3219	Widerstand Netzwerk	RM 8-103J	R. NETWORK 1106810302 NR103
32 040 00-3219	Widerstand Netzwerk	RM 8-103J	R. NETWORK 1106810302 NR201
32 042 00-3219	Widerstand Netzwerk	RM 7-681J	R. NETWORK 1106768101 NR202
32 043 00-680	Piezo Summer	EFB-RD24C01B	BUZZER, PIEZOELECTRIC 0711124001 S101
32 044 00-301	Thermistor	SDT 100	THERMISTOR DS3A5G102L TH4001
32 079 00-360	Bildröhre	340AXB31	TUBE, CATHODE RAY 090F140401 △V8001
32 045 00-3259	Quarz	NR-18 32.0MHZ	CRYSTAL 100532R002 X101
32 046 00-3253	Keramikoszillator	KBR-11.0M	CERAMIC OSCILATOR 100311R002 X701

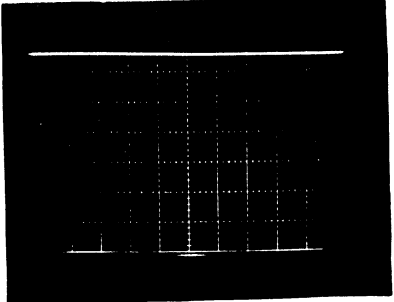
Ersatzteilliste für PCW 8256 Joyce (Monitor, Computer)
Parts List for Model Type PCW 8256 Joyce (Monitor, Computer)

Best.-Nr./Part No.	Bezeichnung	Description	Teile-Nr./Part No.	Zeich.-Pos./Ref.-No.
IC				
32 011 00-302	IC	UPD65030	182F650300	IC101
26 352 00-302	IC	Z8400APS	I4SD00Z80A	IC102
29 816 00-302	IC	TC74HCU04P	I55DHCU04D	IC103
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC104
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC105
32 012 00-302	IC	TMM41257P-13	I45D41257C	IC106
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC107
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC108
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC109
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC110
32 012 00-302	IC	TMM41257P-15	I45D41257C	IC111
32 013 00-302	IC	TC74HC14P	I55D4HC140	IC120
29 817 00-302	IC	FDC9216BT	I6UD092160	IC201
32 014 00-302	IC	TC74MC00	I55D4HC000	IC202
29 220 00-302	IC	UPD765AC-2	I42D765AC2	IC203
32 017 00-302	IC	TC74HC04	I55D4HC040	IC204
32 017 00-302	IC	TC74HC04	I55D4HC040	IC205
32 015 00-302	IC	UP08041AHC-199	I42D080410	IC701
32 014 00-302	IC	TC74HC00	I55D4HC000	IC2001
32 016 00-302	IC	LA1385	I03SD13850	△IC4001
32 010 00-302	IC	AN5753	I01SD57530	△IC4002
26 611 00-302	IC	STK-7308	I03S073080	△IC5001
32 009 00-302	IC	AN6531	I01A965310	△IC5002
32 009 00-302	IC	AN6531	I01A965310	△IC5003
32 008 00-302	IC	AN78N24	I01A98N240	△IC5004
Transistoren/Transistors				
26 613 00-301	TRANS	KTA950Y	TAA0009504	Q2001
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q4001
26 551 00-301	TRANS	2SD1159	TD30011590	△Q4002
26 616 00-301	TRANS	2SD1207	TD30012070	△Q5001
32 007 00-301	TRANS	2SD1666	TD30016660	Q5002
32 007 00-301	TRANS	2SD1666	TD30016660	△Q5003
32 007 00-301	TRANS	2SD1666	TD30016660	△Q5004
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5005
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q5006
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5007
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q5008
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5009
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5010
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q5011
21 742 00-301	TRANS	KTA1015Y	TAA0010154	Q5012
21 736 00-301	TRANS	KTC1815Y	TCA0018154	Q5013
26 549 00-301	TRANS	KTC2229Y	TCA0022294	Q8001
Dioden/Diodes				
08 079 00-304	DIODE	1S2472-HS	D17G024720	D101
26 555 00-3041	DIODE	DS442X-BT	D13TDS442X	D2001
32 018 00-3044	ZENERDIODE	GZA2.0XB	D33T02R00X	D2002
26 555 00-3041	DIODE	DS442X-BT	D13TDS442X	D4001
26 558 00-304	DIODE	V09C	D24000V09C	D4002
26 559 00-304	DIODE	V06C	D24000V05C	D4003
26 621 00-3041	DIODE	BB-4	D28000BB40	D4004
26 561 00-3041	DIODE	11E2TA1 10D-2	D28T011E20	D4005
26 553 00-3041	DIODE	11E1TA1-T 10D-1	D28T011E10	D4006
32 019 00-3041	DIODE	20E10	D28020E100	△D5001
32 019 00-3041	DIODE	20E10	D28020E100	△D5002
32 019 00-3041	DIODE	20E10	D28020E100	△D5003
32 019 00-3041	DIODE	20E10	D28020E100	△D5004
26 622 00-3044	ZENERDIODE	RD3.6FB	D92F13R680	△D5005
26 623 00-3041	DIODE	RGP-10K	D2LFRGP10K	D5006
26 622 00-3044	ZENERDIODE	RD3.6FB	D92F13R600	△D5007
26 623 00-3041	DIODE	RGP-10K	D2LFRGP10K	D5008
32 021 00-3041	DIODE	30DF2-FC	D28F300F20	D5009
32 021 00-3041	DIODE	30DF2	D28030DF20	D5010
32 021 00-3041	DIODE	30DF2-FC	D28F300F20	D5011
26 555 00-3041	DIODE	DS442X-BT	D13TDS442X	D5012
32 020 00-3044	ZENERDIODE	MA2560	D910156000	D8001
Spulen und Transformatoren/Coils and Transformers				
32 023 00-3251	Spule	LAL03KH2R2M	021JB22R2M	L101
32 024 00-3251	Spule	100UH 1451MM	021H66100K	L4001
32 025 00-3253	Spule	21000006	0221000006	L4002
26 630 00-3253	Spule	FK0B160MH14	029A000002	L5001
32 026 00-3243	Trafo Hor.	RB-20852	045017001E	T4001
32 027 00-3243	Netztrafo	8140001	048140001G	T5001
32 028 00-3244	Trafo Zeilen	20T4001	0420140011	FB4001

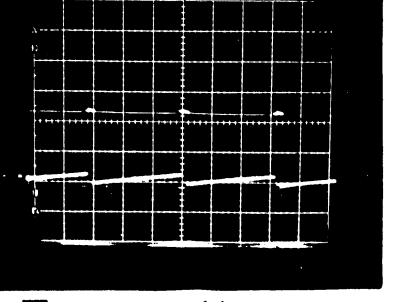
CHASSIS WAVEFORMS



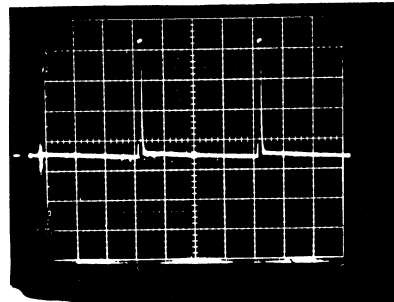
1 5V P-P



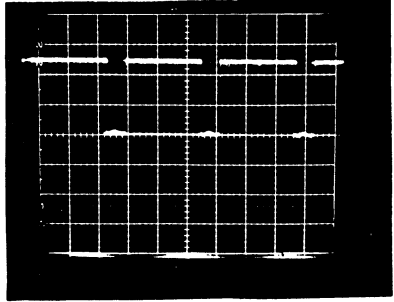
2 0.2V P-P



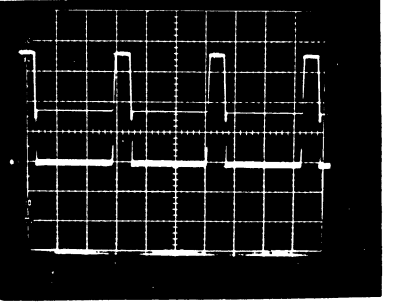
3 0.8V P-P (H)



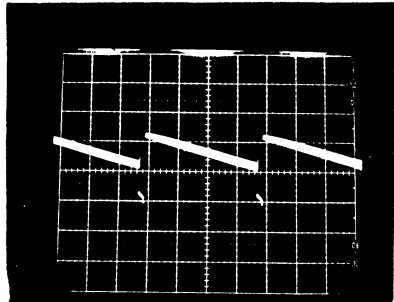
4 3.8V P-P (V)



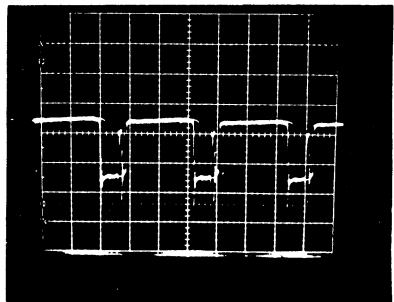
5 2.5V P-P



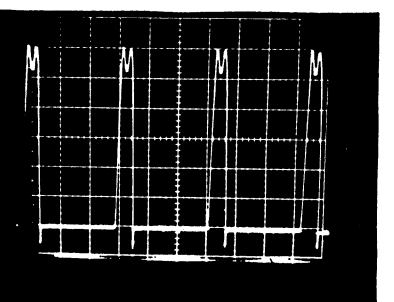
6 38V P-P



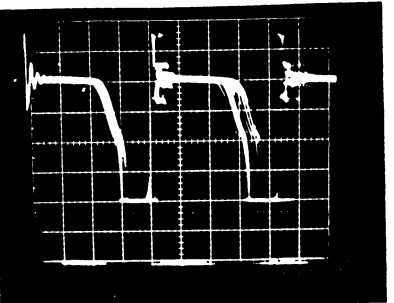
7 10.2V P-P (V)



8 7.6V P-P (H)

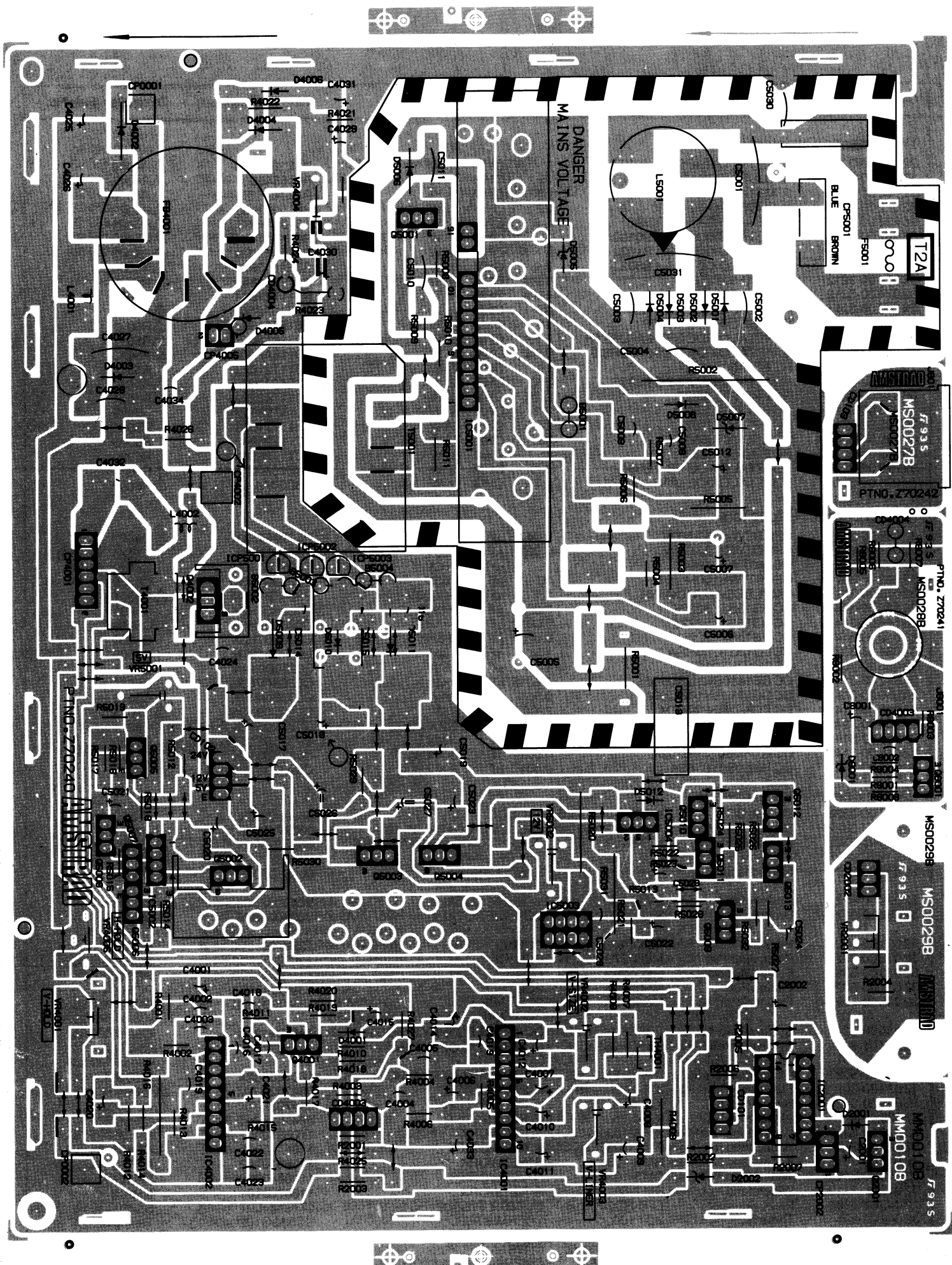


9 72V P-P (H)

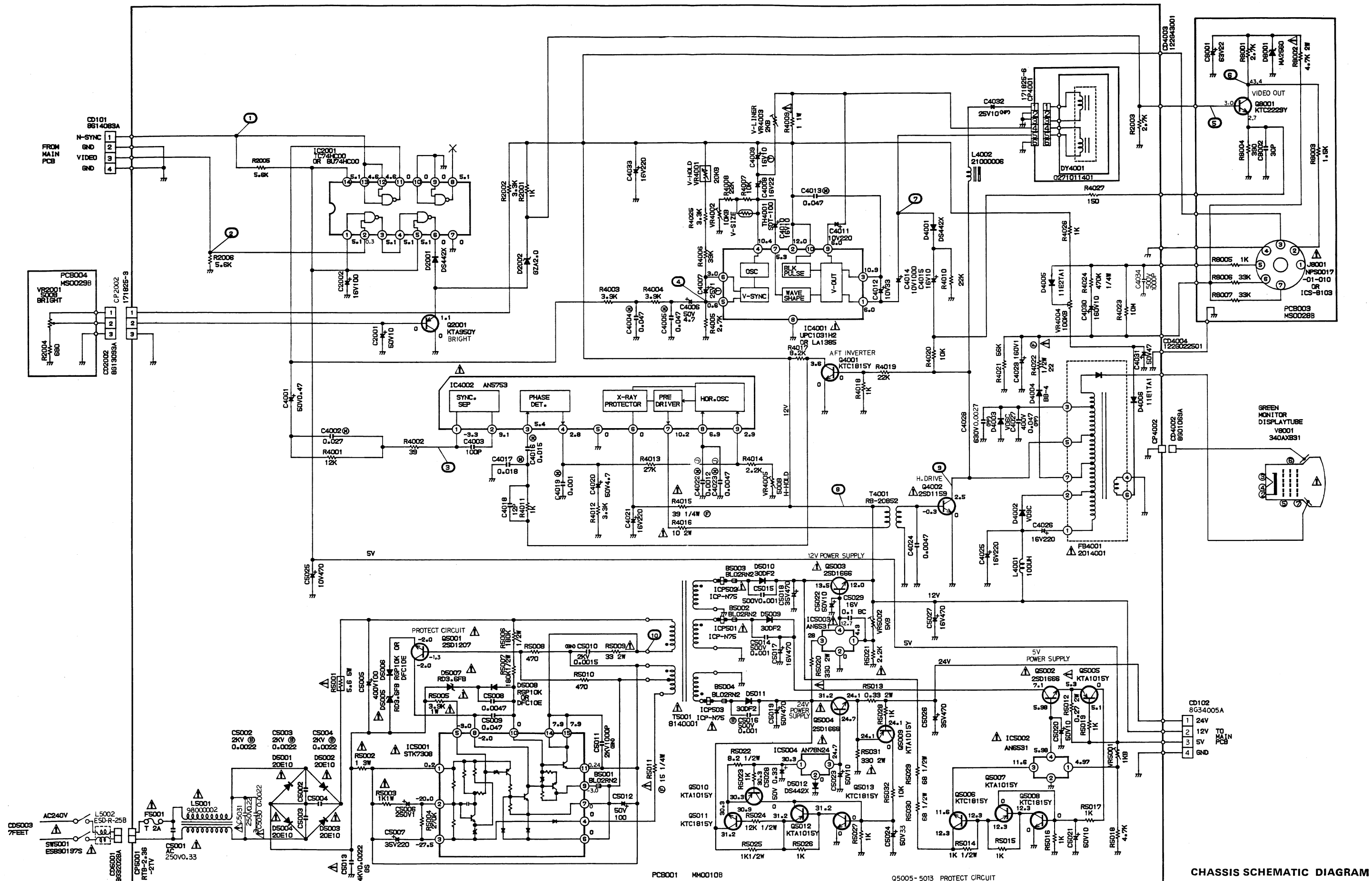


10 560V P-P

Monitor P.C.Board

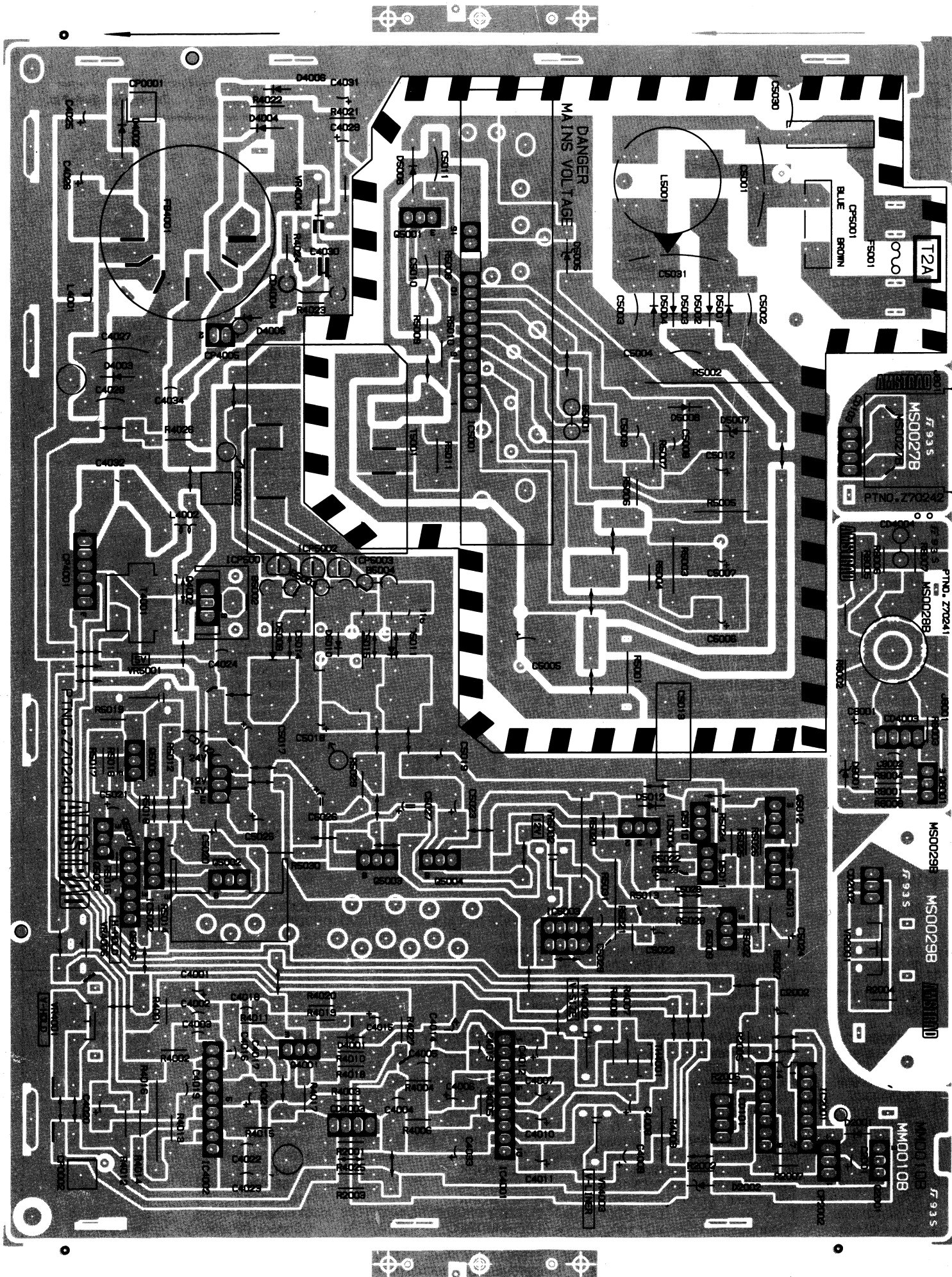


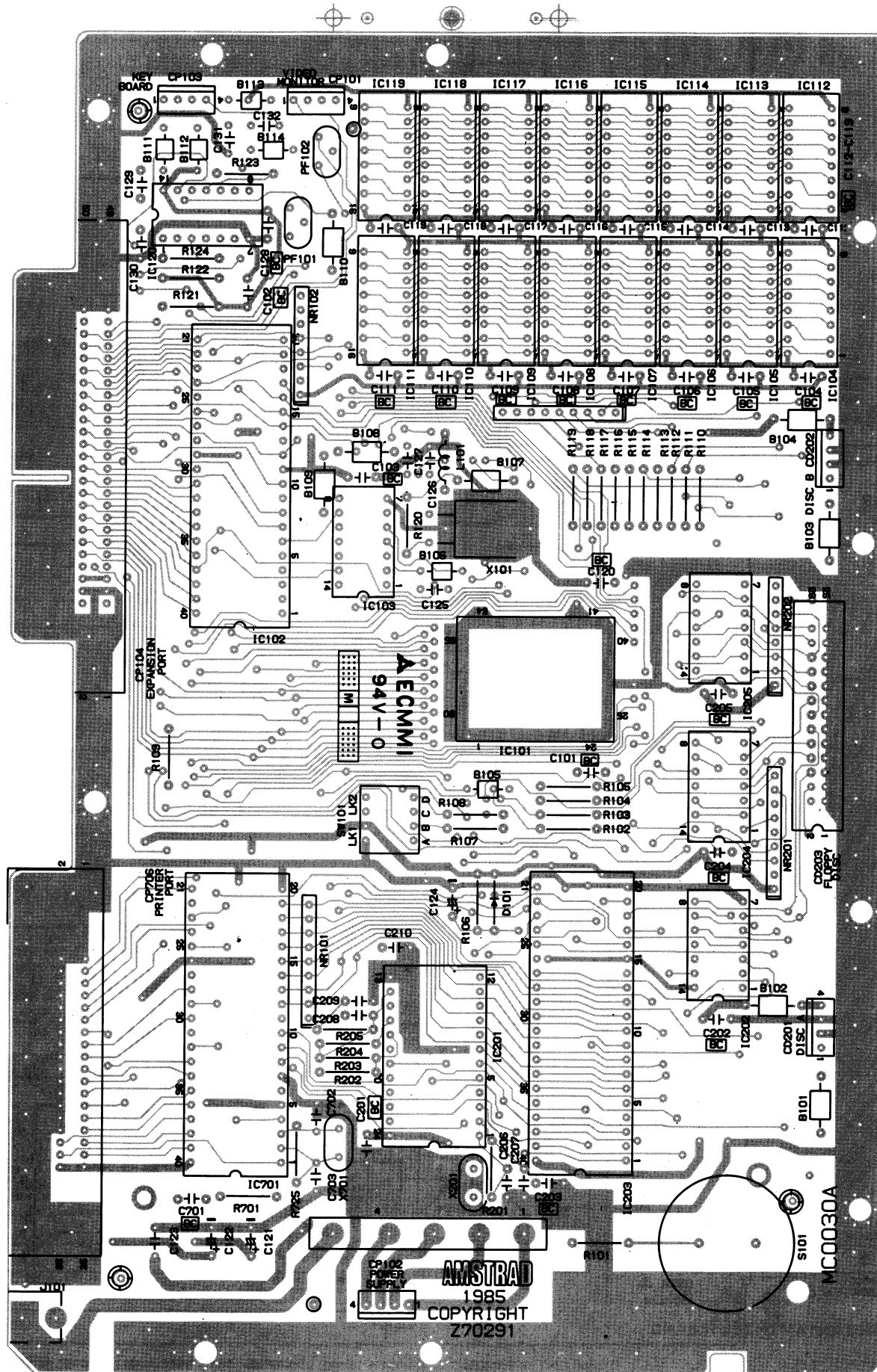
CHASSIS SCHEMATIC DIAGRAM



CHASSIS SCHEMATIC DIAGRAM

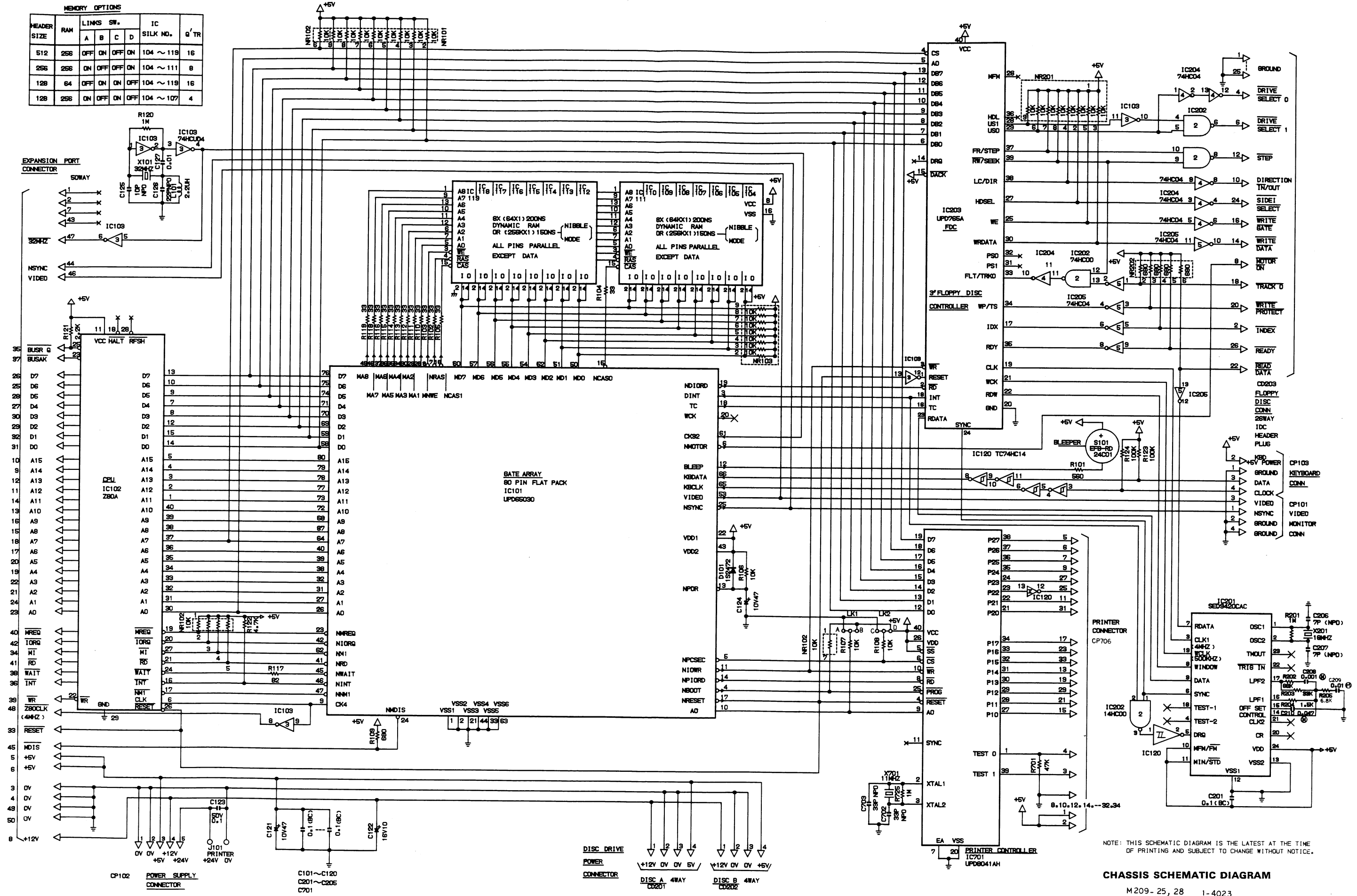
Monitor P.C.Board



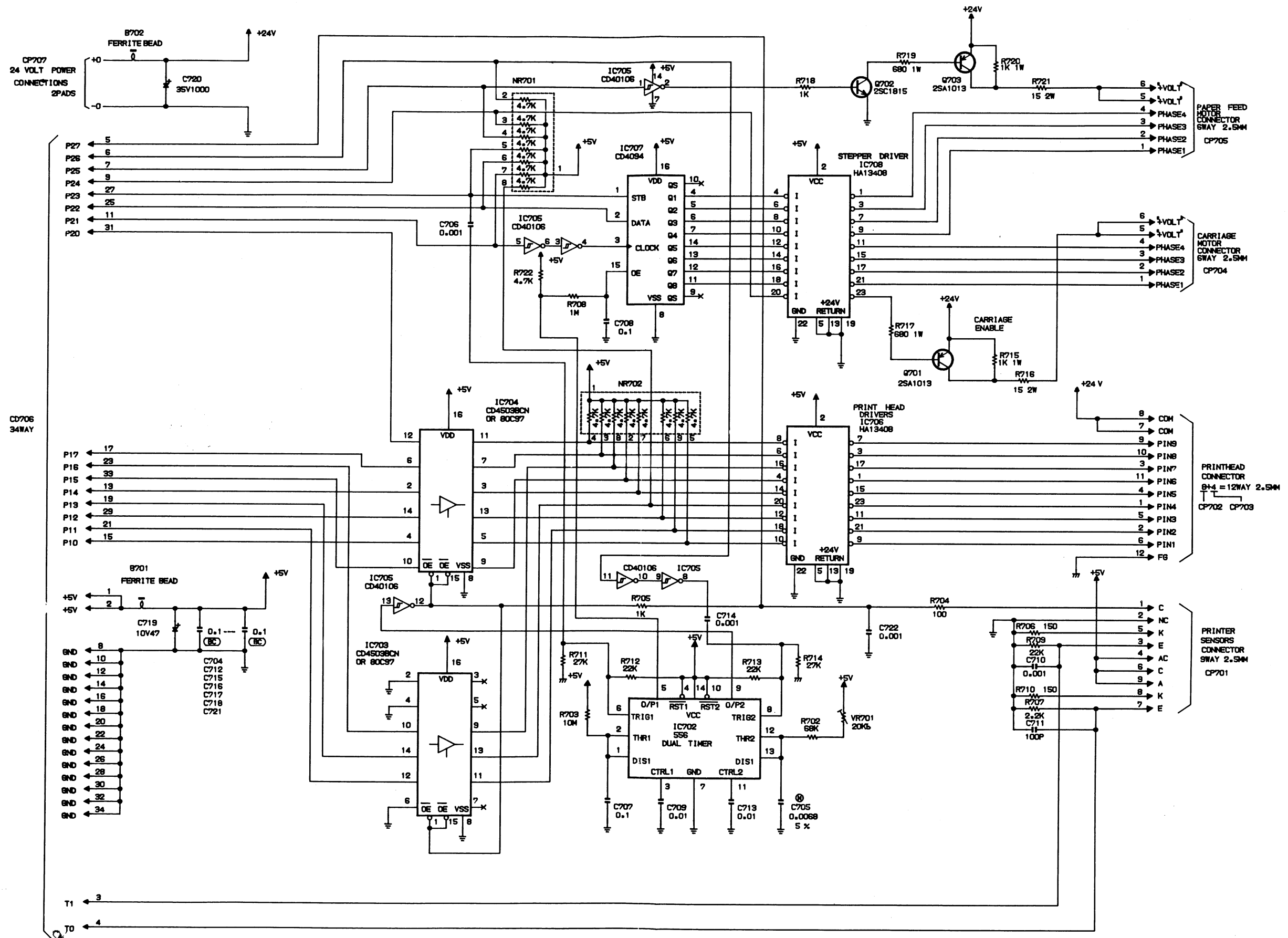


Brücke LK1-A
LK2-C
Speichererweiterung
IC112-IC114 =
M41254-120ns 256kx1

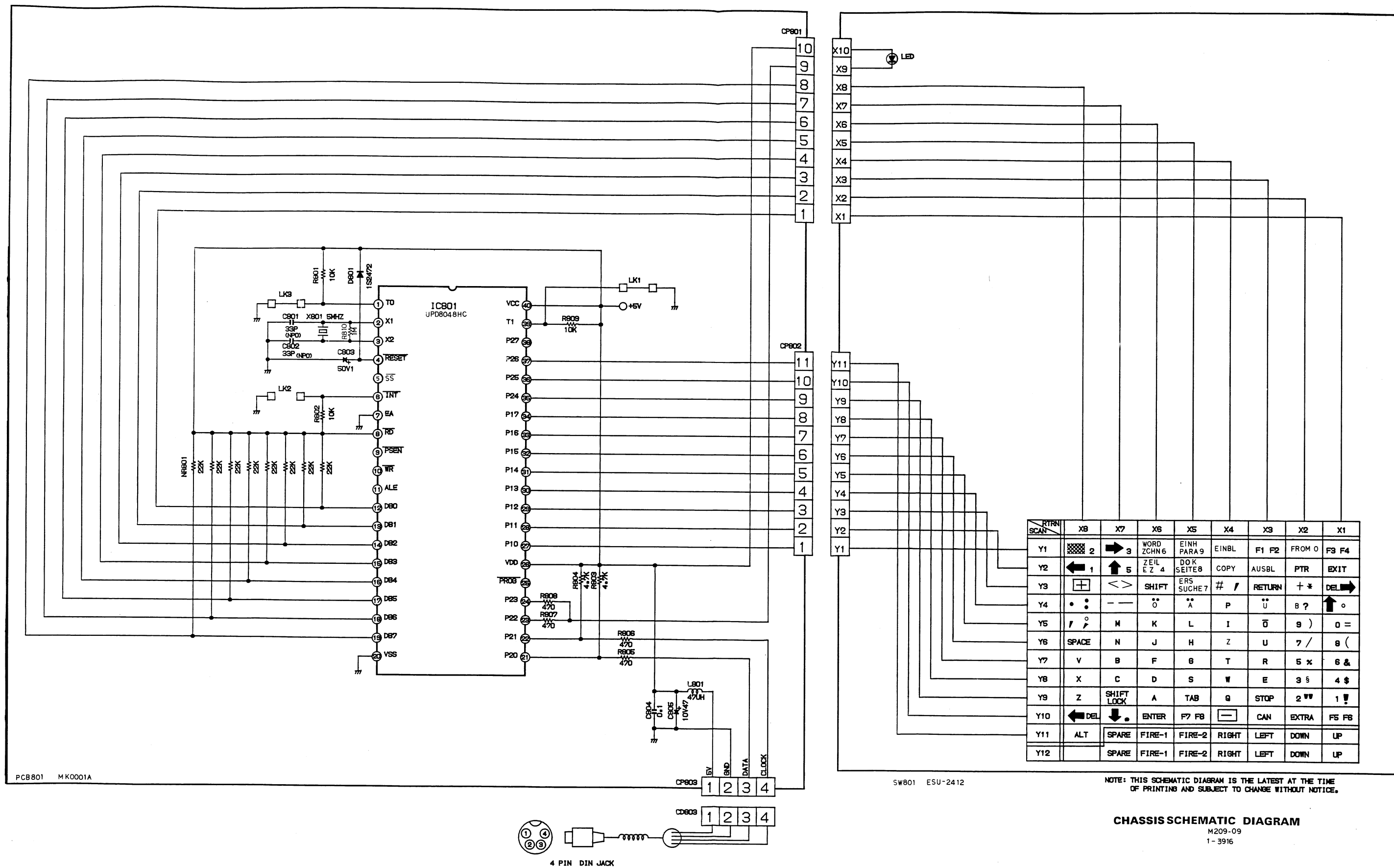
CHASSIS SCHEMATIC DIAGRAM



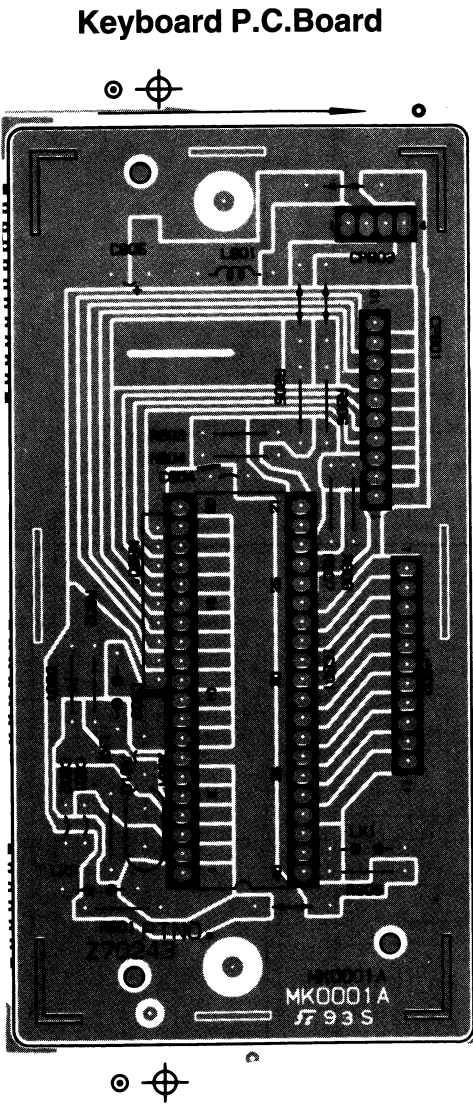
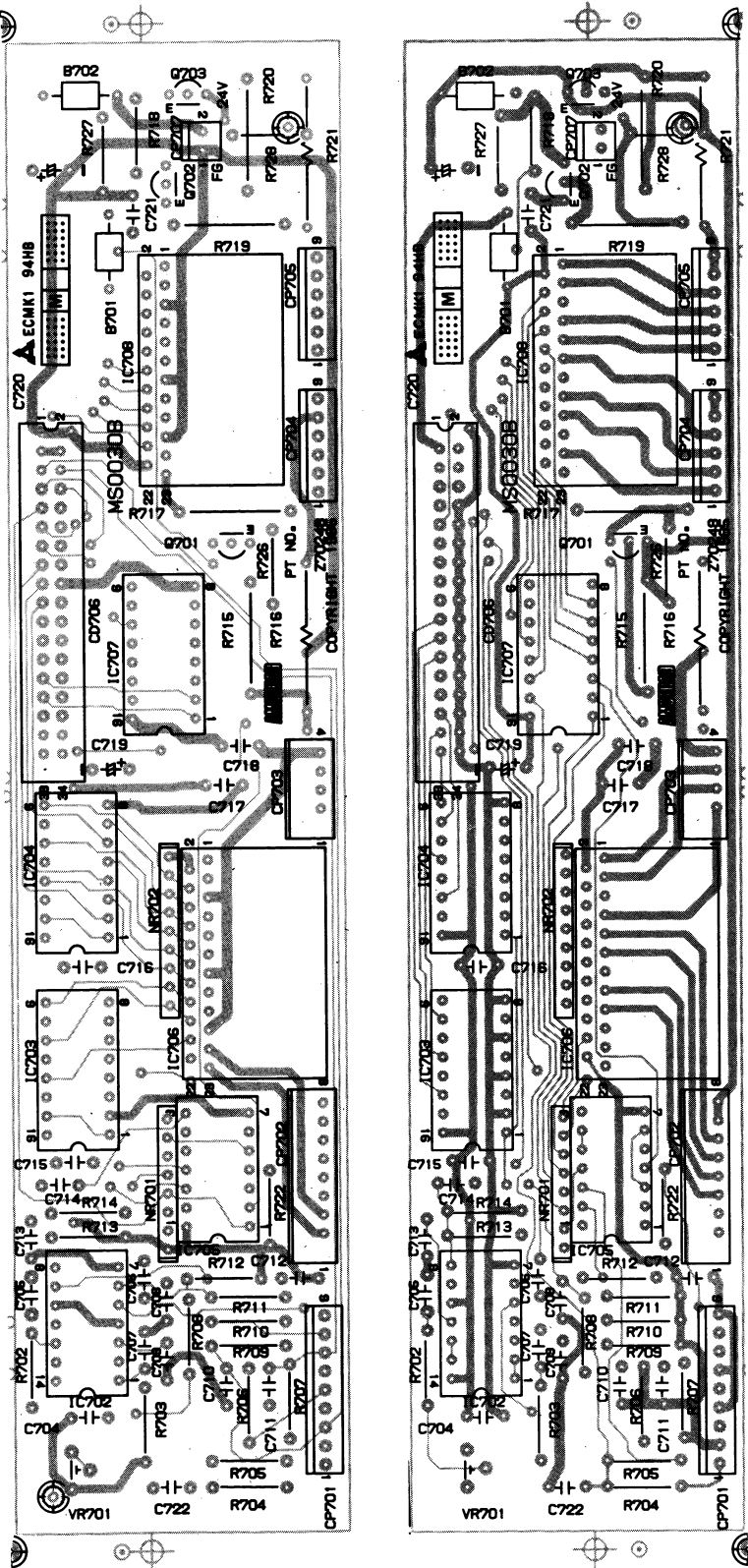
PRINTER CIRCUIT DIAGRAM



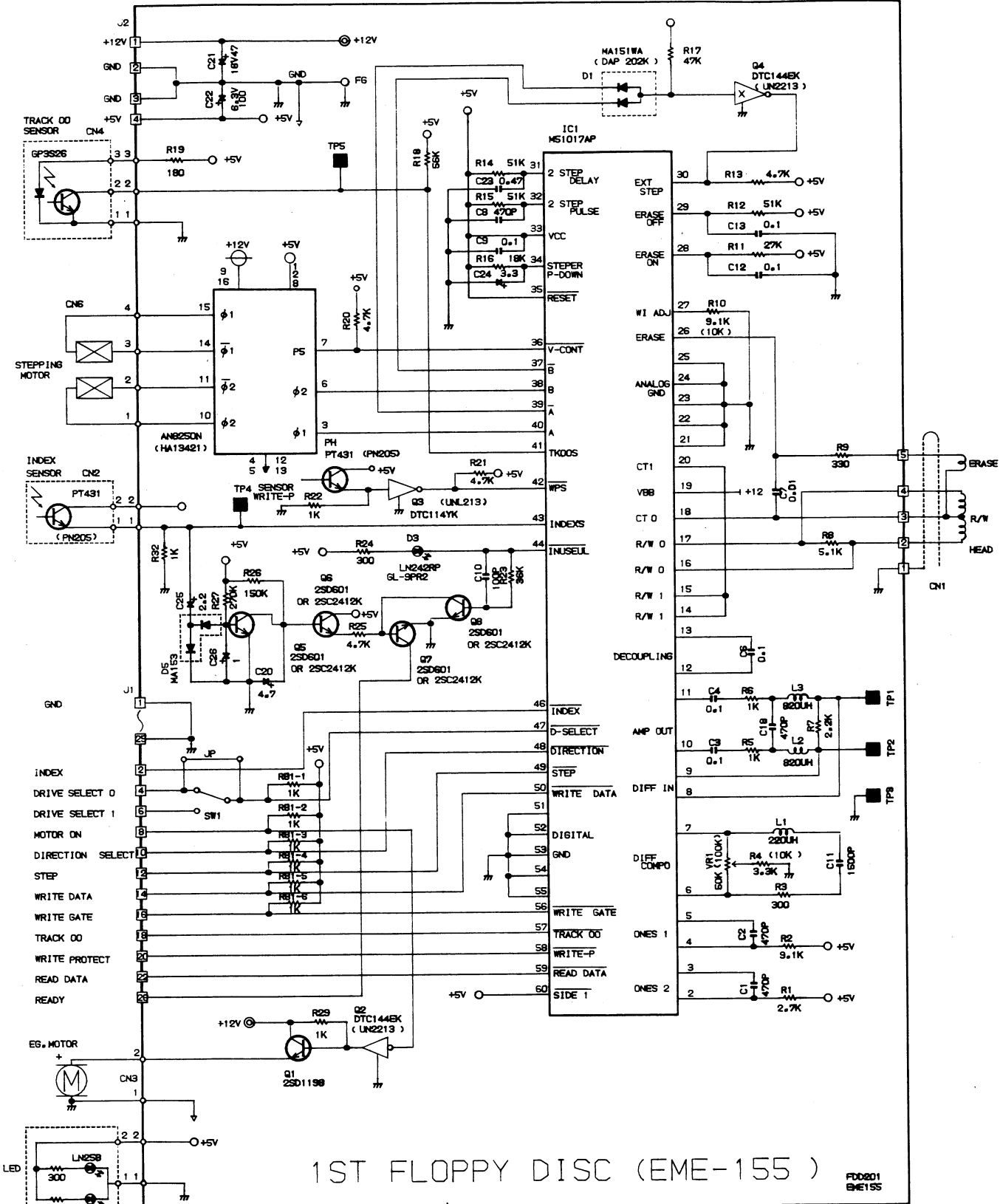
CHASSIS SCHEMATIC DIAGRAM



Printer P.C.Board
Bestückungsseite Lötseite



Chassis Schematic Diagram
Floppy Disc Drive



NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

SCHEMATIC DIAGRAM

M211-04 1-4 198

Technische Änderungen vorbehalten.