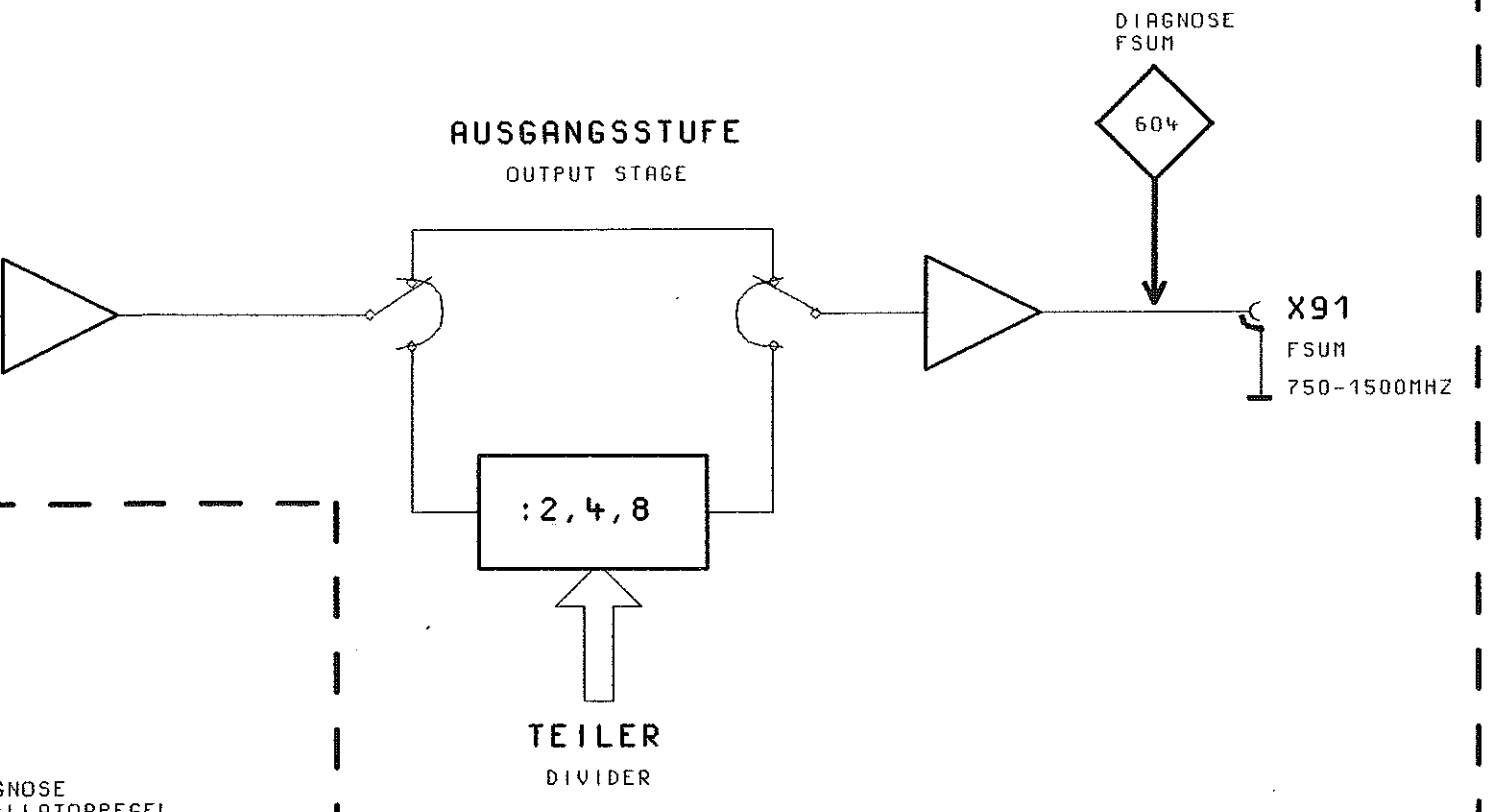


GNOSE
LLATORPEGEL

OSZILLATOREN
OSCILLATOR

SHEET3

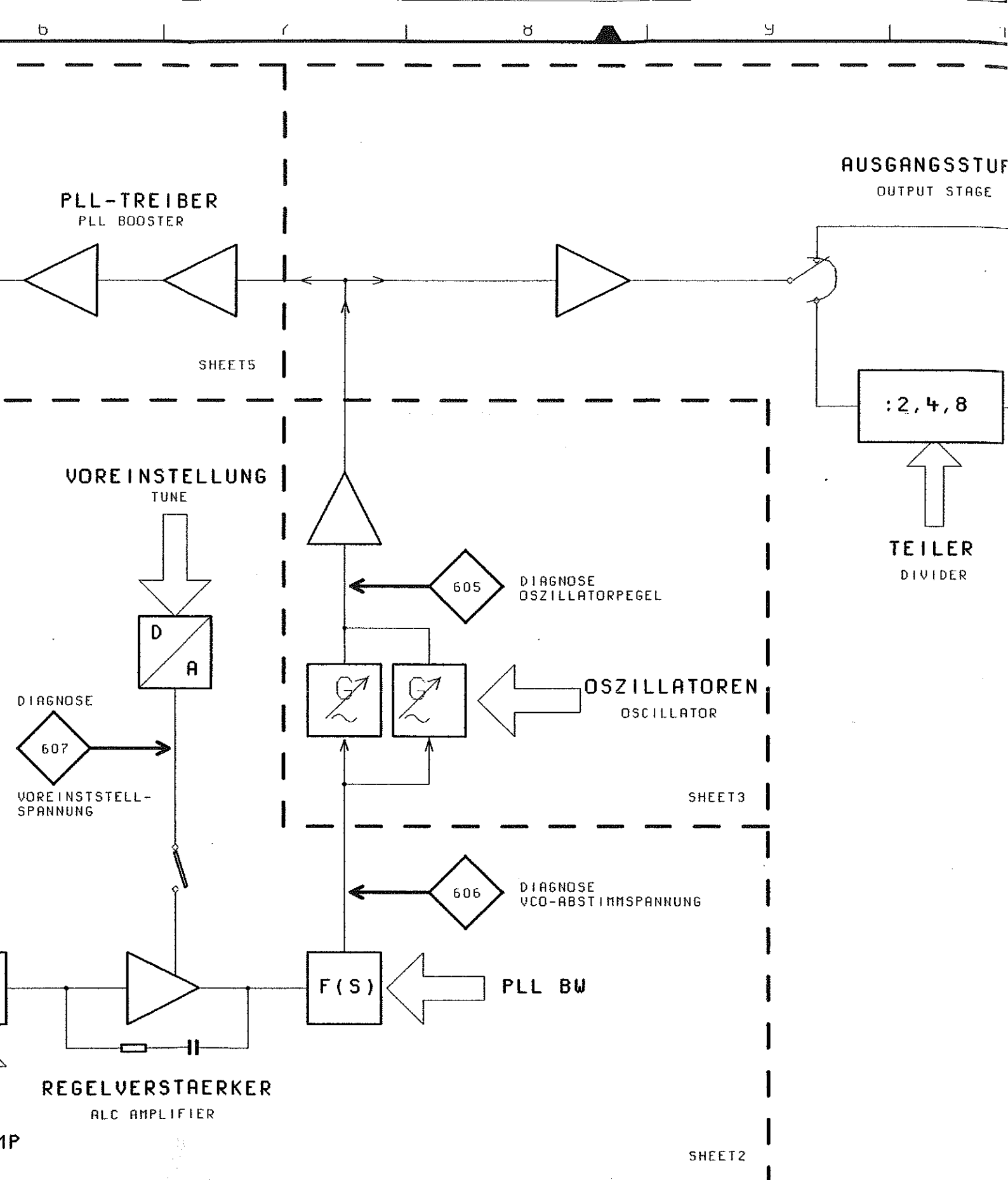
GNOSE
-ABSTIMMSPANNUNG

BW

SHEET2

SHEET4

05/04	48754 58	09.02.95	HO	1GPK	TAG	NAME	BENENNUNG
				BEARB.		HO	SUMMIERSCHLEIFE
				GEPR.			SUMMING-LOOPS
				NORM			
				PLOTT	13.07.95		
05/03	48754 49	18.11.94	HO	ROHDE&SCHWARZ			ZEICHN.-NR. 1038.7196.01S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SME			BLATT-NR. 1+
				PEG.I.V. 1038.6002			ERSTE Z.



05/04	48754 58	09.02.95	HO	1GPK	TAG
				BEARB.	
				GEPR.	
				NORM	
				PLOTT	13.07.95
05/03	48754 49	18.11.94	HO		
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ROHDE&SC	
				ZU GERAET	SME

UER VAR.02

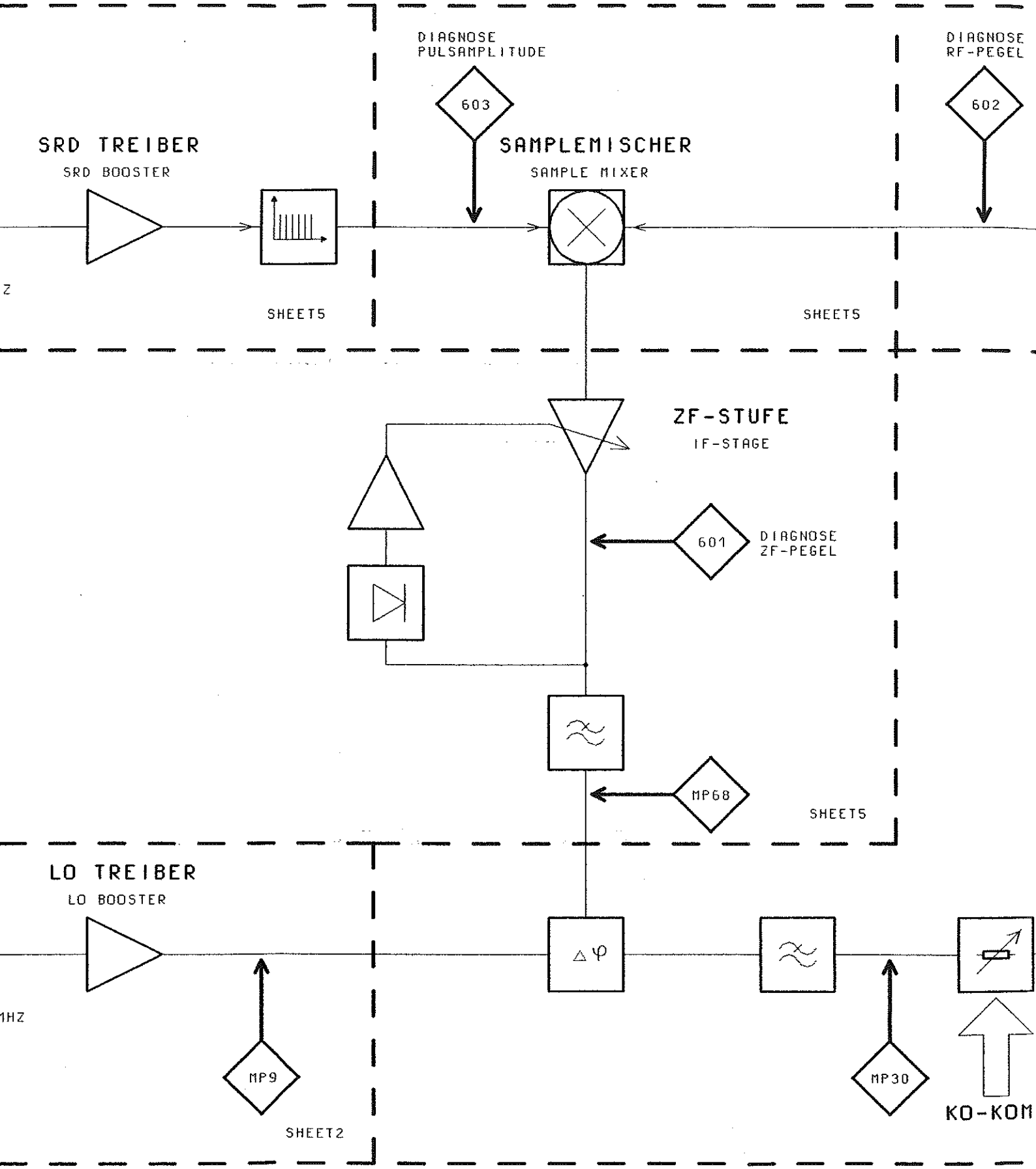
ID FOR MOD.02

ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING

STROMLAUF GILT FUER VAR.02

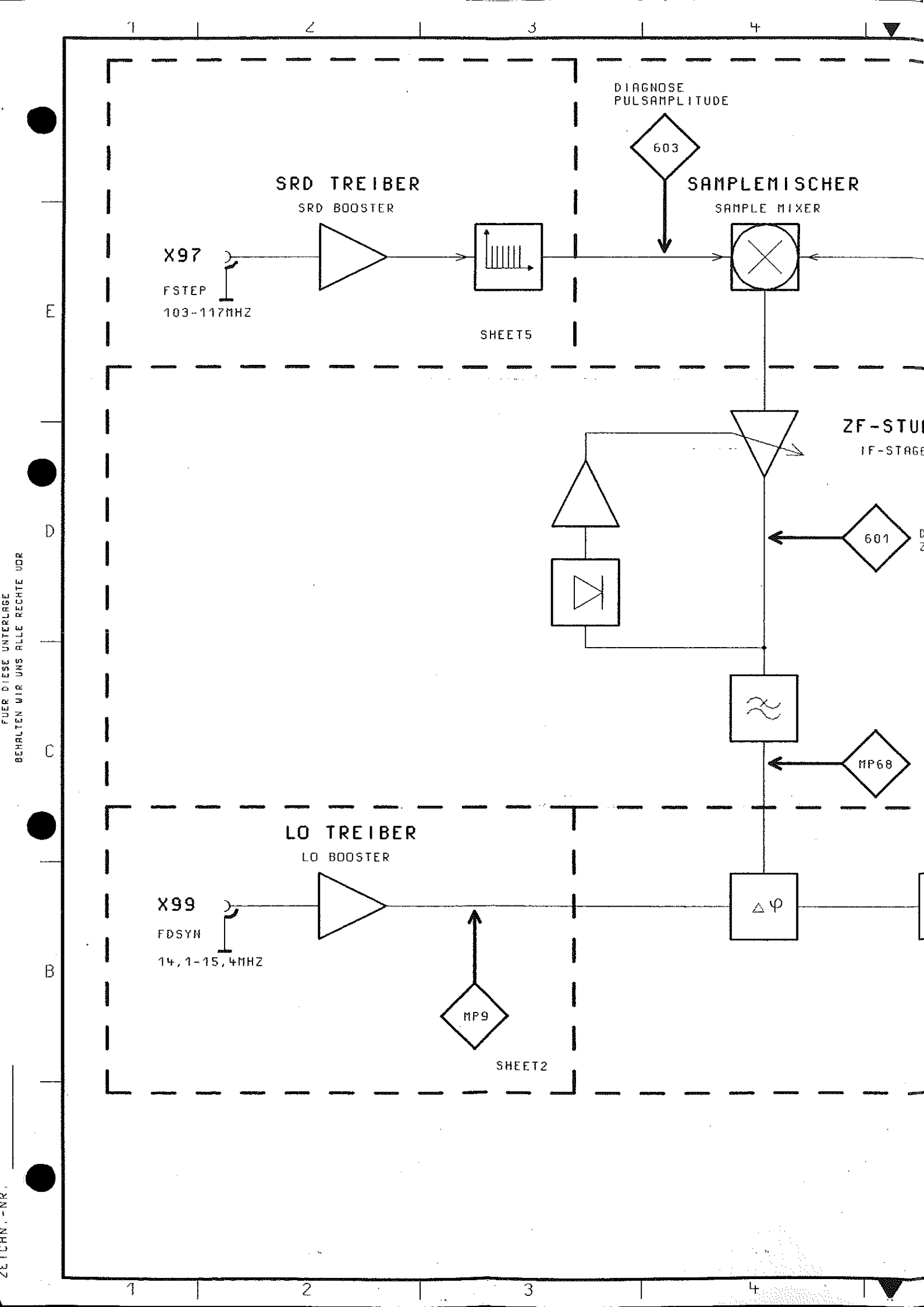
CIRCUIT DIAGRAM IS VALID FOR MOD.02

ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDE
BAUELEMENTE ERFORDERN E
BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DE
REQUIRE A SPECIAL HANDL



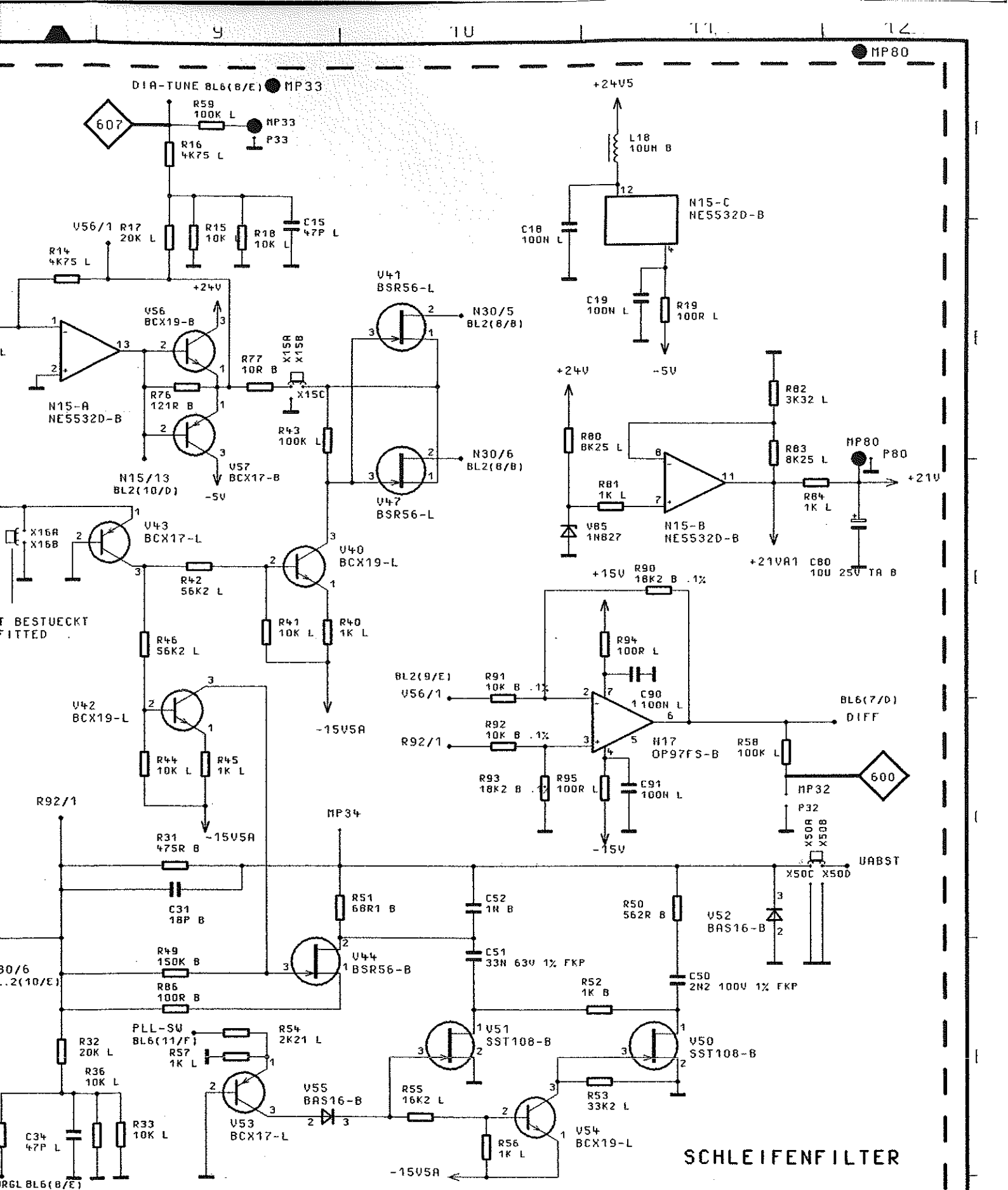
STROMLAUF GILT FU

CIRCUIT DIAGRAM IS VALI

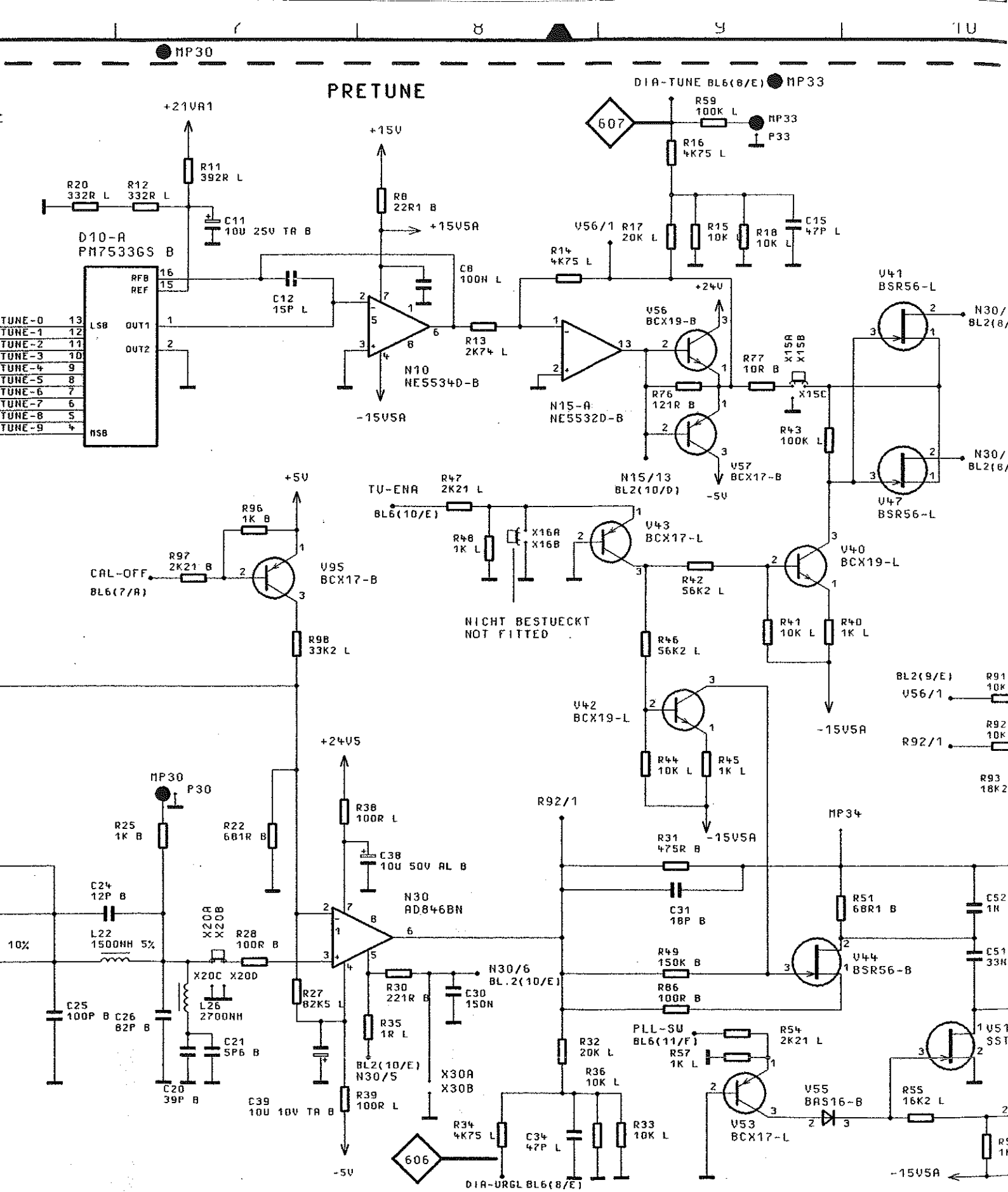


FUER DIESE UNTERLAGE
BEHALTEN WIR UNS ALLE RECHTE VOR

ZEICHN.-NR.



05/04	48754 58	09.02.95	HO	1GPK	TAG	NAME	BENENNUNG
				BEARB.		HO	SUMMIERSCHLEIFE
				GEPR.			SUMMING-LOOPS
				NORM			
				PLOTT	13.07.95		
05/03	48754 49	18.11.94	HO	ROHDE&SCHWARZ			ZEICHN.-NR. 1038.7196.01S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SME			BLATT-NR. 2+
				REG.I.V. 1038.6002			ERSTE Z.


PRETUNE
MP30
+21VA1
+15V
+15V5A
-15V5A
+24V
+5V
-5V
+24V5
R11 392R L
R20 332R L
R12 332R L
C11 10U 25V TA B
D10-A PM7533GS B
C12 15P L
R8 22R1 B
C8 100N L
R13 2K74 L
N10 NE5534D-B
R14 4K75 L
V56/1 R17 20K L
R15 10K
R18 10K L
C15 47P L
DIA-TUNE BL6(8/E)
MP33
P33
R59 100K L
607
R16 4K75 L
N15-A NE5532D-B
V56 BCX19-B
R77 10R B
X15A X15B
X15C
R76 121R B
V57 BCX17-B
R43 100K L
V41 BSR56-L
V47 BSR56-L
N30/ BL2(8/
N15/13 BL2(10/D)
TV-ENA
BL6(10/E)
R47 2K21 L
R48 1K L
X16A X16B
V43 BCX17-L
V40 BCX19-L
R42 56K2 L
R41 10K L
R40 1K L
NICHT BESTUECKT
NOT FITTED
R46 56K2 L
V42 BCX19-L
R44 10K L
R45 1K L
R96 1K B
R97 2K21 B
CAL-OFF
BL6(7/A)
V95 BCX17-B
R98 33K2 L
BL2(9/E)
V56/1
R91 10K
R92/1
R92 10K
R93 18K2
MP34
R92/1
R31 475R B
C31 18P B
R51 68R1 B
C52 1N
C51 33N
V44 BSR56-B
R49 150K B
R86 100R B
N30/6 BL.2(10/E)
R38 100R L
C38 10U 50V AL B
N30 AD846BN
MP30
P30
R25 1K B
R22 681R B
C24 12P B
L22 1500NH 5%
10%
X20A X20B
X20C X20D
R28 100R B
L26 270DNH
C25 100P B
C26 82P B
C21 5P6 B
C20 39P B
R27 82K5 L
R35 1R L
R30 221R B
C30 150N
C39 10U 10V TA B
R39 100R L
X30A X30B
BL2(10/E) N30/5
R32 20K L
R36 10K L
R34 4K75 L
C34 47P L
R33 10K L
606
DIA-URGL BL6(8/E)
PLL-SU BL6(11/F)
R54 2K21 L
R57 1K L
V53 BCX17-L
V55 BAS16-B
R55 16K2 L
V51 SST
-15V5A
-5V
SCHLEIFENINTEGRATOR
FUER VAR.02
VALID FOR MOD.02
ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING
05/04 48754 58 09.02.95 HO
05/03 48754 49 18.11.94 HO
REND. IND. AENDERUNGS-MITTEILUNG DATUM NAME
1GPK TAG NAM
BEARB. HO
GEPR.
NORM
PLOTT 13.07.95
ROHDE&SCHWA
ZU GERAET SME

MP9 MP30

KO-SET

D20-A
74HC4051T-B

MUXDX

OSET-0 11
OSET-1 10
OSET-2 9
6
R68 1K L
3

0 1 2 8A
G8

0 13 R60 5K62 B
1 14 R61 3K32 B
2 15 R62 1K82 B
3 12 R63 909R B
4 1 R64 562R B
5 5 R65 432R B
6 2 R66 274R B
7 4 R67 182R B

PRETUNE

PRETUNE

+21VA1

R11 392R L
R20 332R L
R12 332R L
C11 10U 25V TA B

D10-A
PM7533GS B

RFB 16
REF 15
LSB 13 TUNE-0
12 TUNE-1
11 TUNE-2
10 TUNE-3
9 TUNE-4
8 TUNE-5
7 TUNE-6
6 TUNE-7
5 TUNE-8
4 TUNE-9
MSB
OUT1 1
OUT2 2

C12 15P L

+15V

R8 22R1 B
+15V5A
C8 100N

2 7 1 5 6 3 8 4
N10
NE5534D-B
R13 2K74

-15V5A

3GS B

+5V

R96 1K B
R97 2K21 B
CAL-OFF
BL6(7/A)
V95
BCX17-B

TU-ENA
BL6(10/E)
R47 2K21 L
R48 1K L

NIC
NOT

R98 33K2 L
R21 392R B

+24V5

MP30
P30

R25 1K B
R22 681R B
R38 100R L
C38 10U 50V AL B

N30
AD846BN

C28 N.F.
C23 33P B
C24 12P B
L21 1000NH 10%
L22 1500NH 5%
X20A X20B
R28 100R B
X20C X20D
L26 270NH
C21 5P6 B
C20 39P B
C22 82P B
C25 100P B
C26 82P B
R27 82K5 L
R30 221R B
C30 150N
R35 1R L
BL2(10/E)
N30/S
X30A
X30B
C39 10U 10V TA B
R39 100R L
R34 4K75
606
-5V
DIA-

ZF

P9 MP9
R9 100R B
L6 470NH B
C6 180P B
R99 8R25 B
R89 150R B
R29 750R B
BL5(11/E)
FSAM
D1
SRA1
RF IF LO
L20 820NH 5%

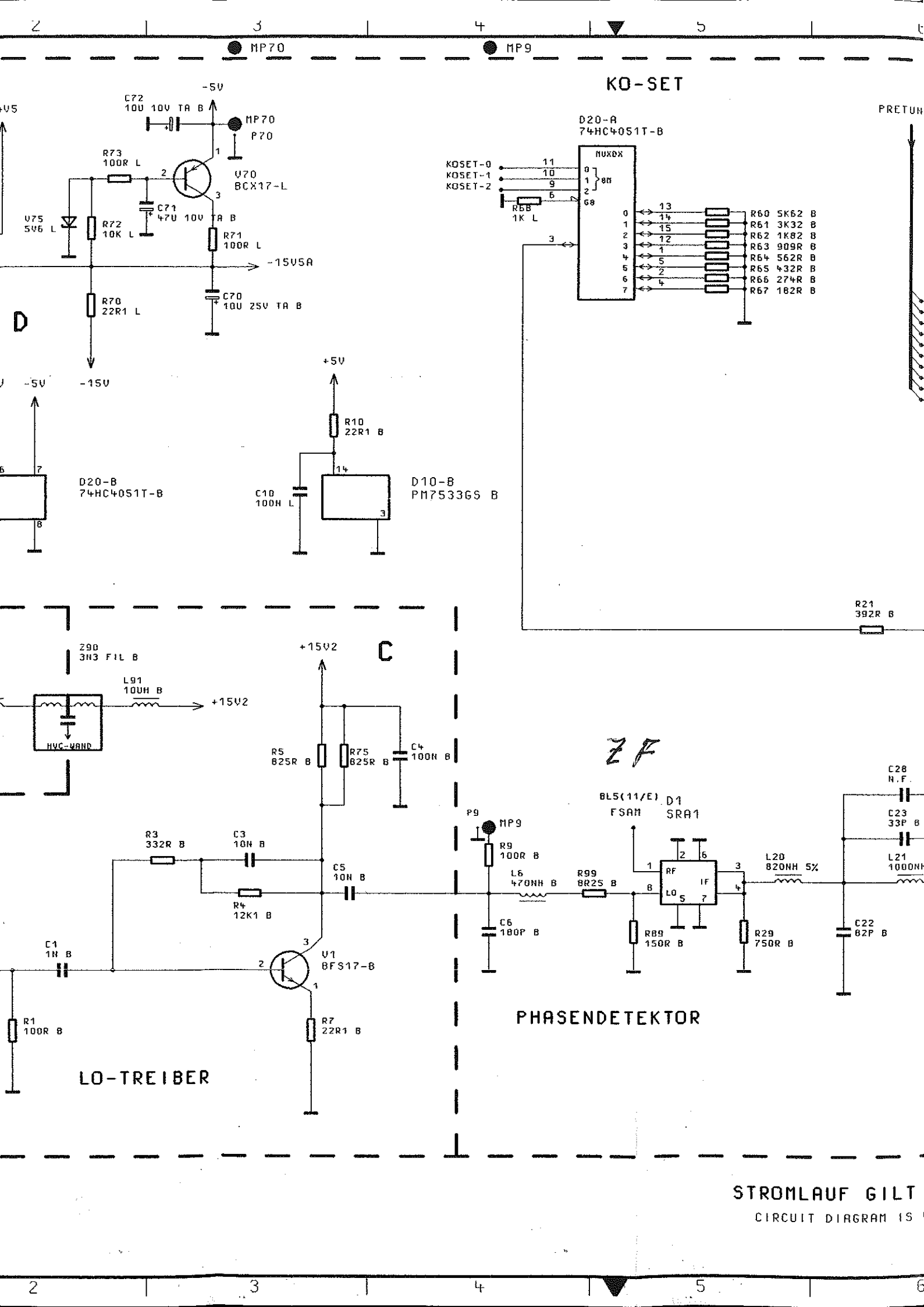
PHASENDETEKTOR

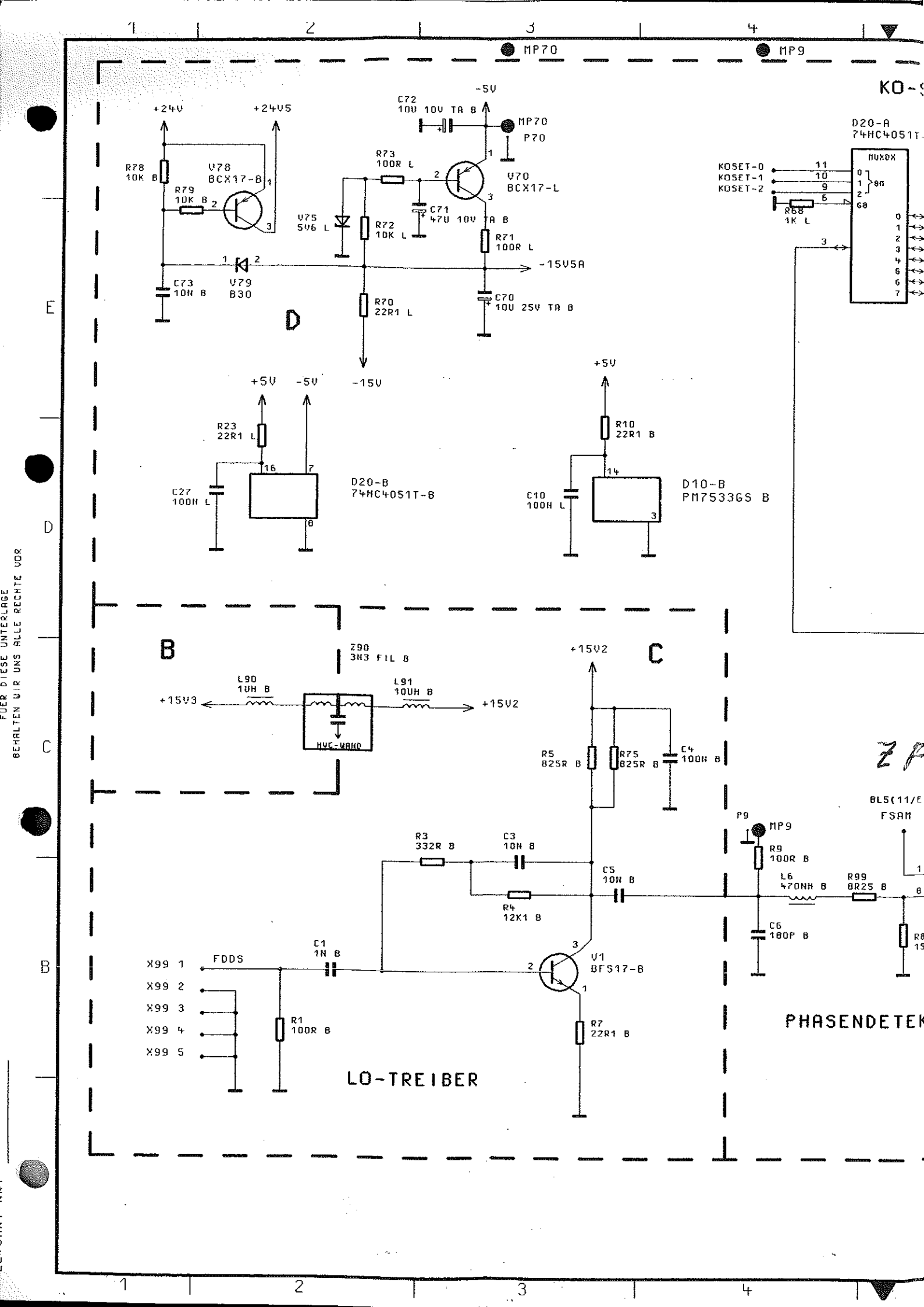
SCHLEIFENINTEGRATOR

STROMLAUF GILT FUER VAR.02

CIRCUIT DIAGRAM IS VALID FOR MOD.02

ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICE REQUIRE A SPECIAL HANDLING


MP70
MP9
KO-SET
-5V
C72
10U 10V TA B
MP70
P70
R73
100R L
V70
BCX17-L
C71
47U 10V TA B
V75
5V6 L
R72
10K L
R71
100R L
-15V5A
R70
22R1 L
C70
10U 25V TA B
D
-15V
D20-A
74HC4051T-B
MUXDX
KOSET-0
KOSET-1
KOSET-2
R68
1K L
R60 5K62 B
R61 3K32 B
R62 1K82 B
R63 909R B
R64 562R B
R65 432R B
R66 274R B
R67 182R B
PRETUN
+5V
R10
22R1 B
C10
100N L
D10-B
PM7533GS B
D20-B
74HC4051T-B
R21
392R B
Z90
3N3 FIL B
L91
10UH B
+15V2
HVC-VAND
C
R5
825R B
R75
825R B
C4
100N B
R3
332R B
C3
10N B
C5
10N B
R4
12K1 B
C1
1N B
V1
BFS17-B
R1
100R B
R7
22R1 B
LO-TREIBER
ZF
BL5(11/E)
FSAM
D1
SRA1
P9
MP9
R9
100R B
L6
470NH B
R99
8R25 B
C6
180P B
R89
150R B
R29
750R B
RF
IF
LO
L20
820NH 5%
C28
N.F.
C23
33P B
L21
1000NH
C22
82P B
PHASENDETEKTOR
STROMLAUF GILT
CIRCUIT DIAGRAM IS

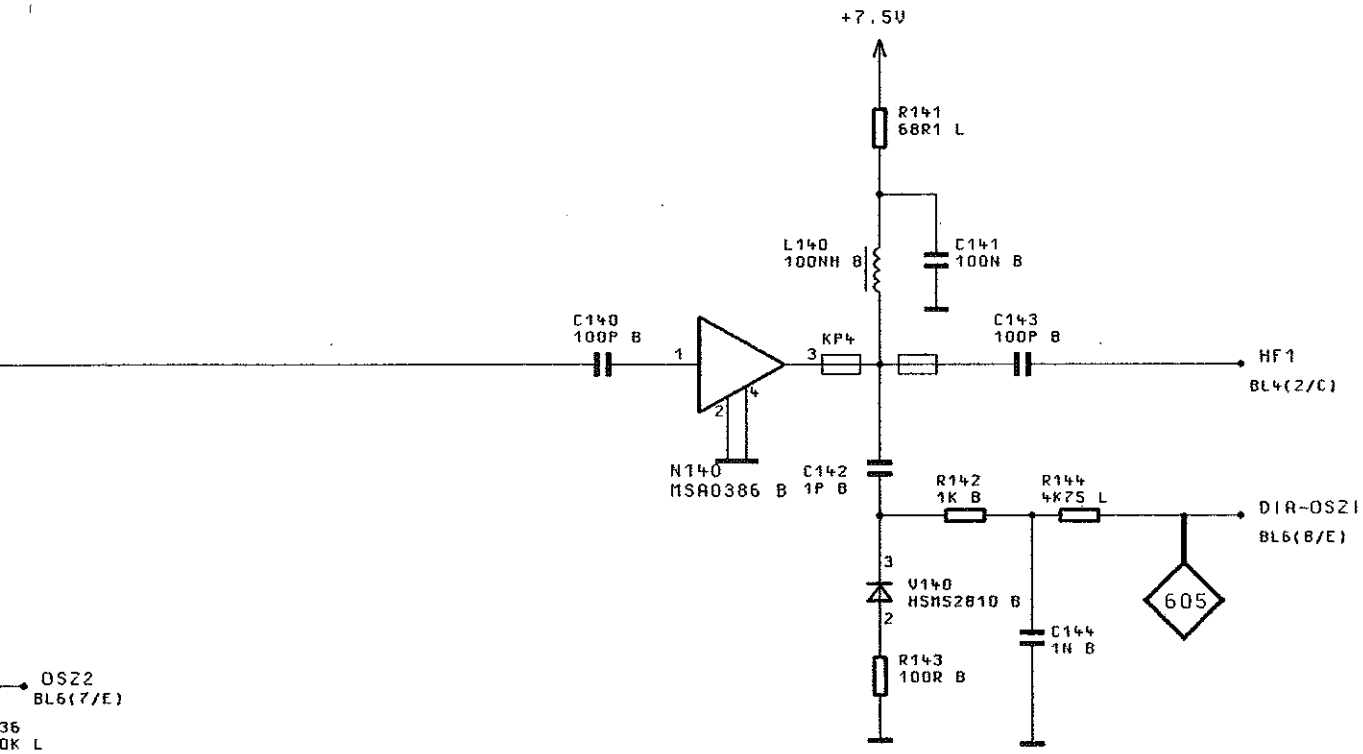


FUER DIESE UNTERLAGE
BEHALTEN WIR UNS ALLE RECHTE VOR

MP36

L

OSZ1
BL6(7/E)



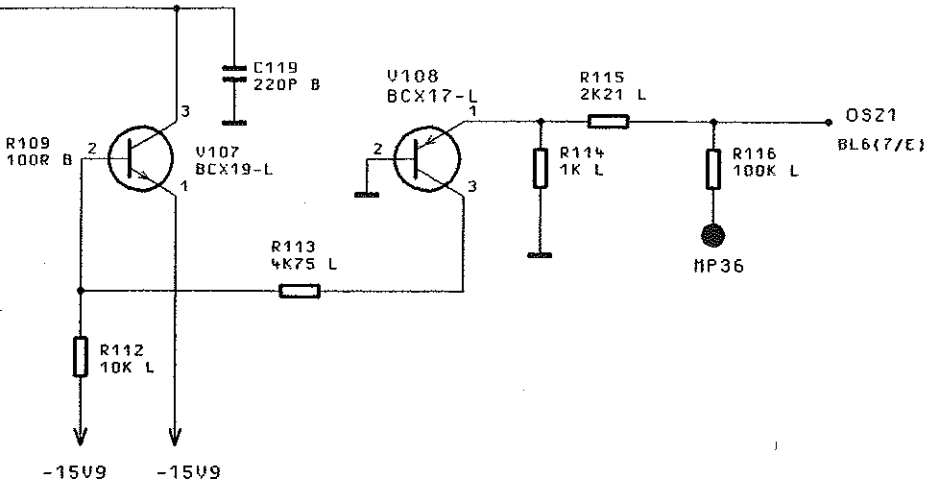
OSZ2
BL6(7/E)

STROMLAUF GILT FUER VAR.02

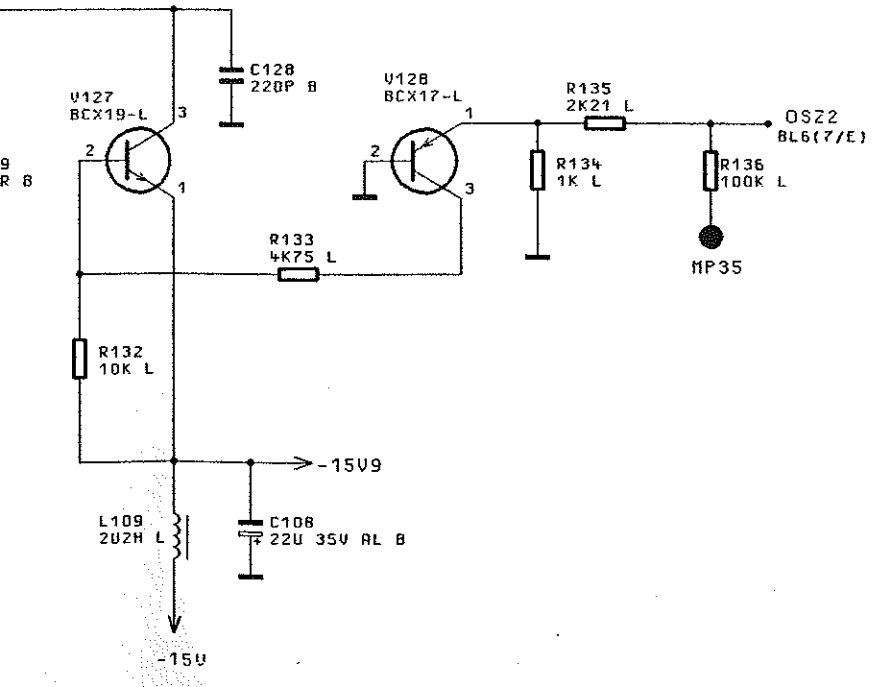
CIRCUIT DIAGRAM IS VALID FOR MOD.02

05/04	48754 58	09.02.95	HO	1GPK	TAG	NAME	BENENNUNG
				BEARB.		HO	SUMMIERSCHLEIFE
				GEPR.			SUMMING-LOOPS
				NORM			
				PLOTT	13.07.95		
05/03	48754 49	18.11.94	HO	ROHDE&SCHWARZ			ZEICHN.-NR. 1038.7196.01S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SME			BLATT-NR. 3+
				REG.I.V. 1038.6002		ERSTE Z.	V. BL.

MP35 MP36







STROMLAUF GILT FUER VAR.

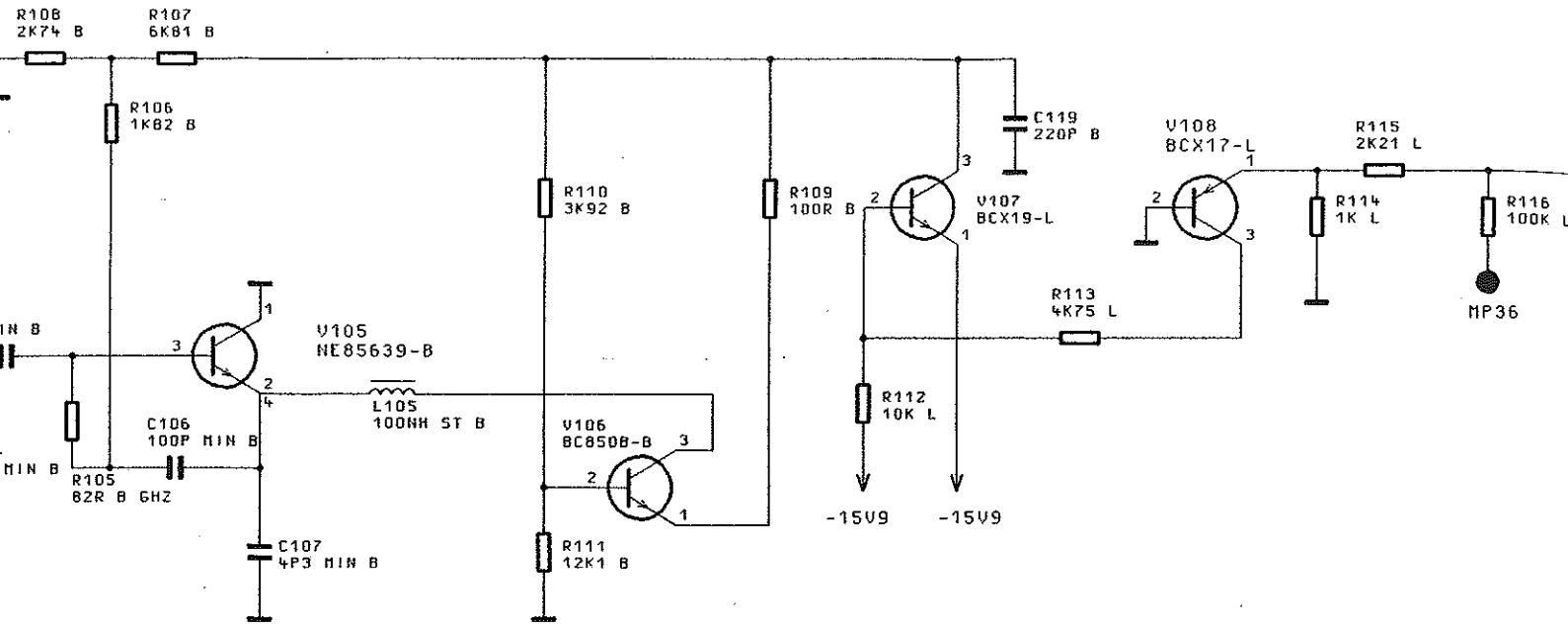
CIRCUIT DIAGRAM IS VALID FOR MOD.02

05/04	48754 58	09.02.95	HO	1GPK	TAG	NAME
				BEARB.		HO
				GEPR.		
				NORM		
				PLOTT	13.07.95	
05/03	48754 49	18.11.94	HO			
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET	SME	

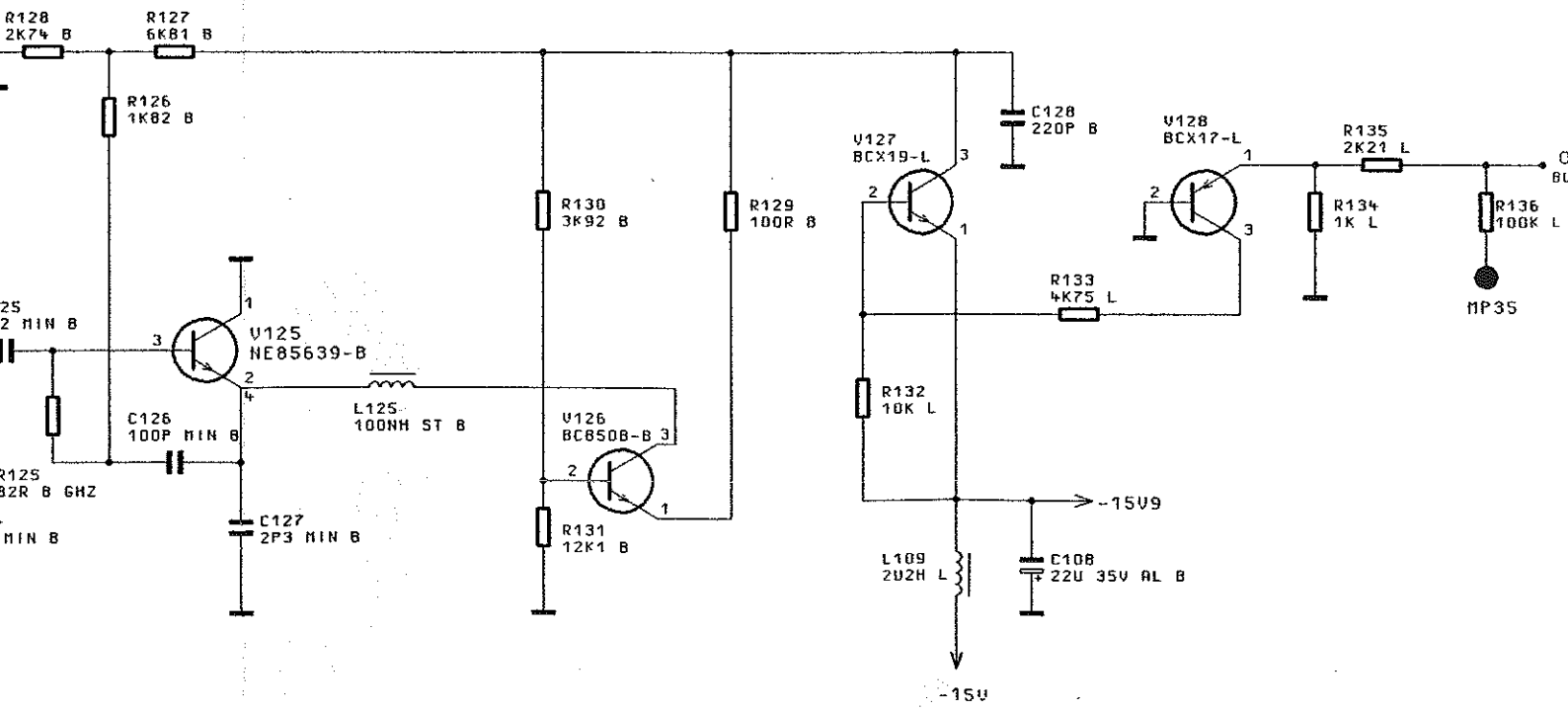
ROHDE&SCHWAR

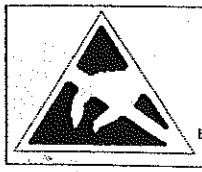
ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING

VCO1



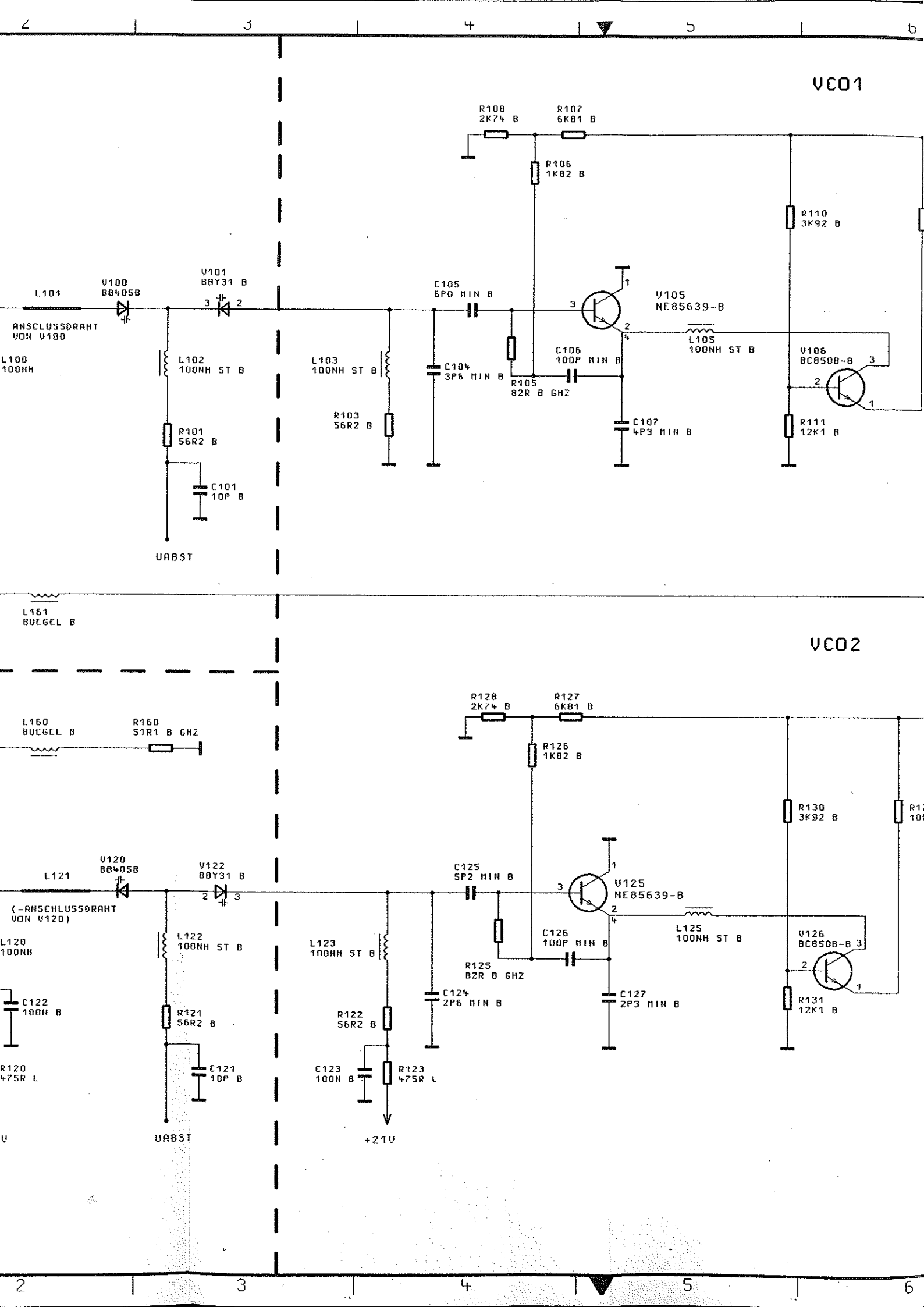
VCO2



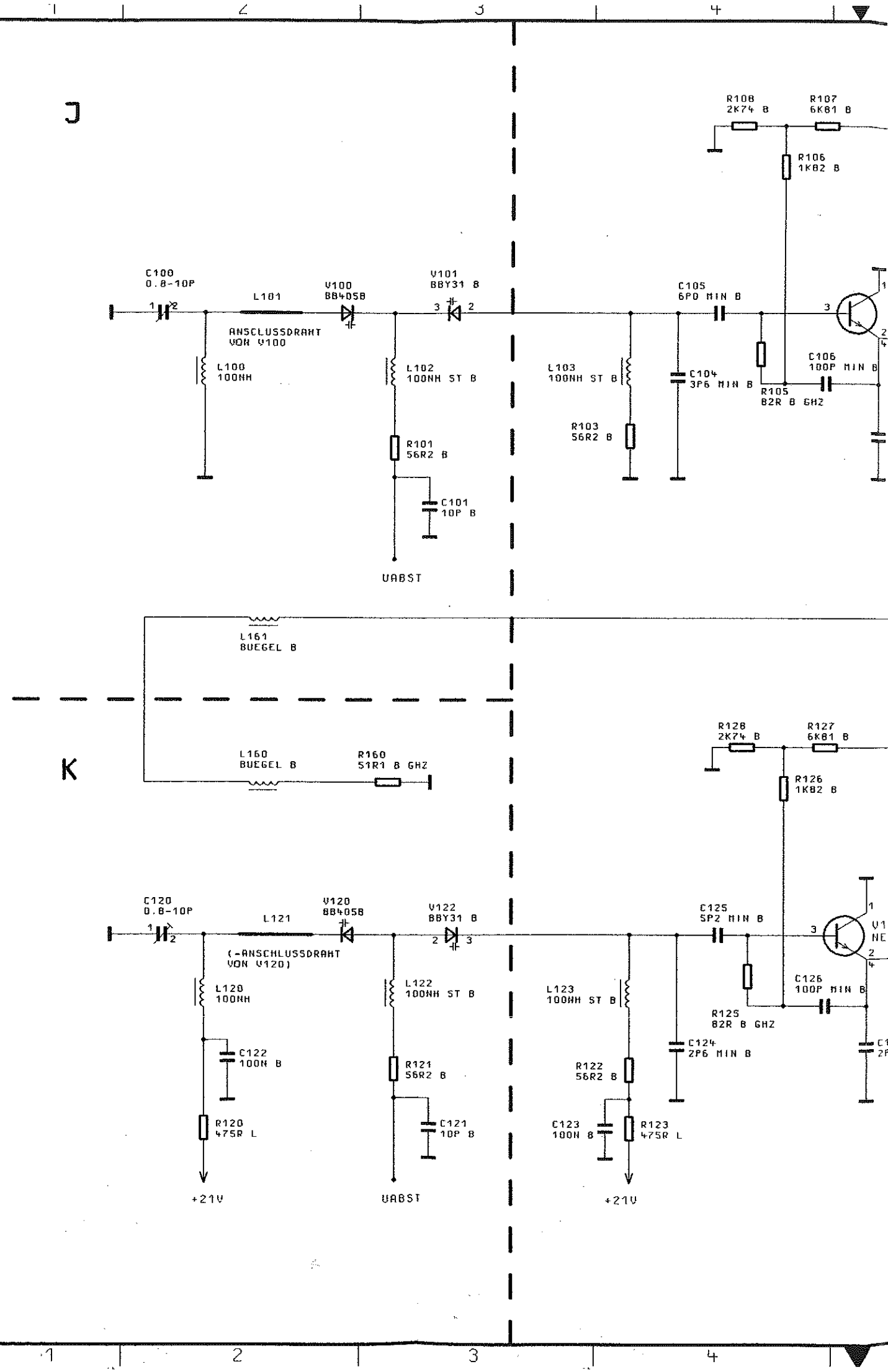


ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.

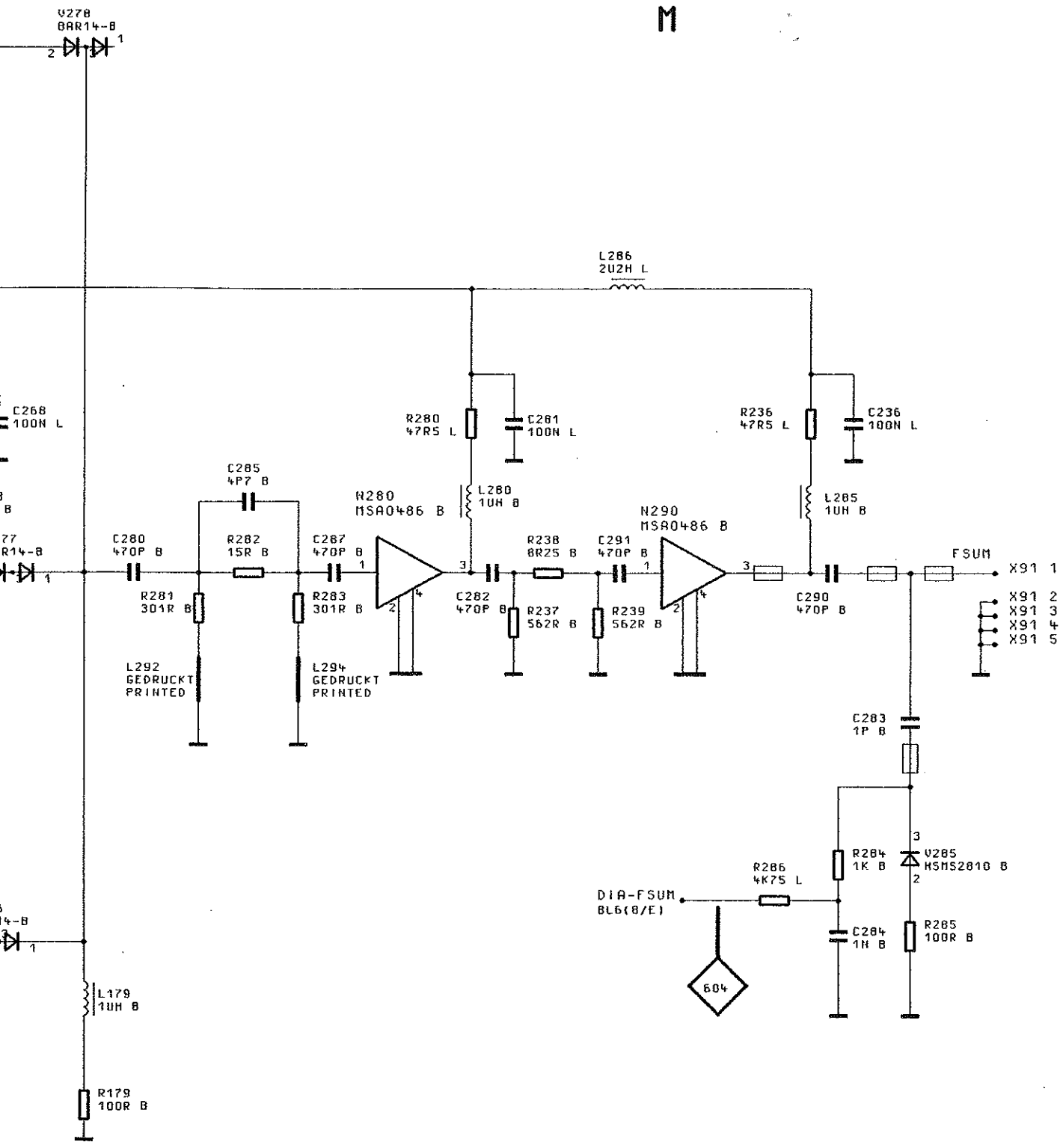
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING


VCO1
R108 2K74 B
R107 6K81 B
R106 1K82 B
R110 3K92 B
L101
V100 BB405B
V101 BBY31 B
C105 6P0 MIN B
V105 NE85639-B
ANSCLUSSDRAHT VON V100
L100 100NH
L102 100NH ST B
L103 100NH ST B
C104 3P6 MIN B
C106 100P MIN B
L105 100NH ST B
V106 BC850B-B
R105 82R B GHZ
R103 56R2 B
C107 4P3 MIN B
R111 12K1 B
R101 56R2 B
C101 10P B
UABST
L161 BUEGEL B
VCO2
L160 BUEGEL B
R160 51R1 B GHZ
R128 2K74 B
R127 6K81 B
R126 1K82 B
R130 3K92 B
L121
V120 BB405B
V122 BBY31 B
C125 5P2 MIN B
V125 NE85639-B
(-ANSCHLUSSDRAHT VON V120)
L120 100NH
L122 100NH ST B
L123 100NH ST B
C126 100P MIN B
L125 100NH ST B
V126 BC850B-B
R125 82R B GHZ
C122 100N B
C124 2P6 MIN B
C127 2P3 MIN B
R131 12K1 B
R121 56R2 B
R122 56R2 B
R120 475R L
C121 10P B
C123 100N B
R123 475R L
UABST
+21V

FUER DIESE UNTERLAGE
BEHALTEN WIR UNS ALLE RECHTE VOR



ZEICHN.-NR.

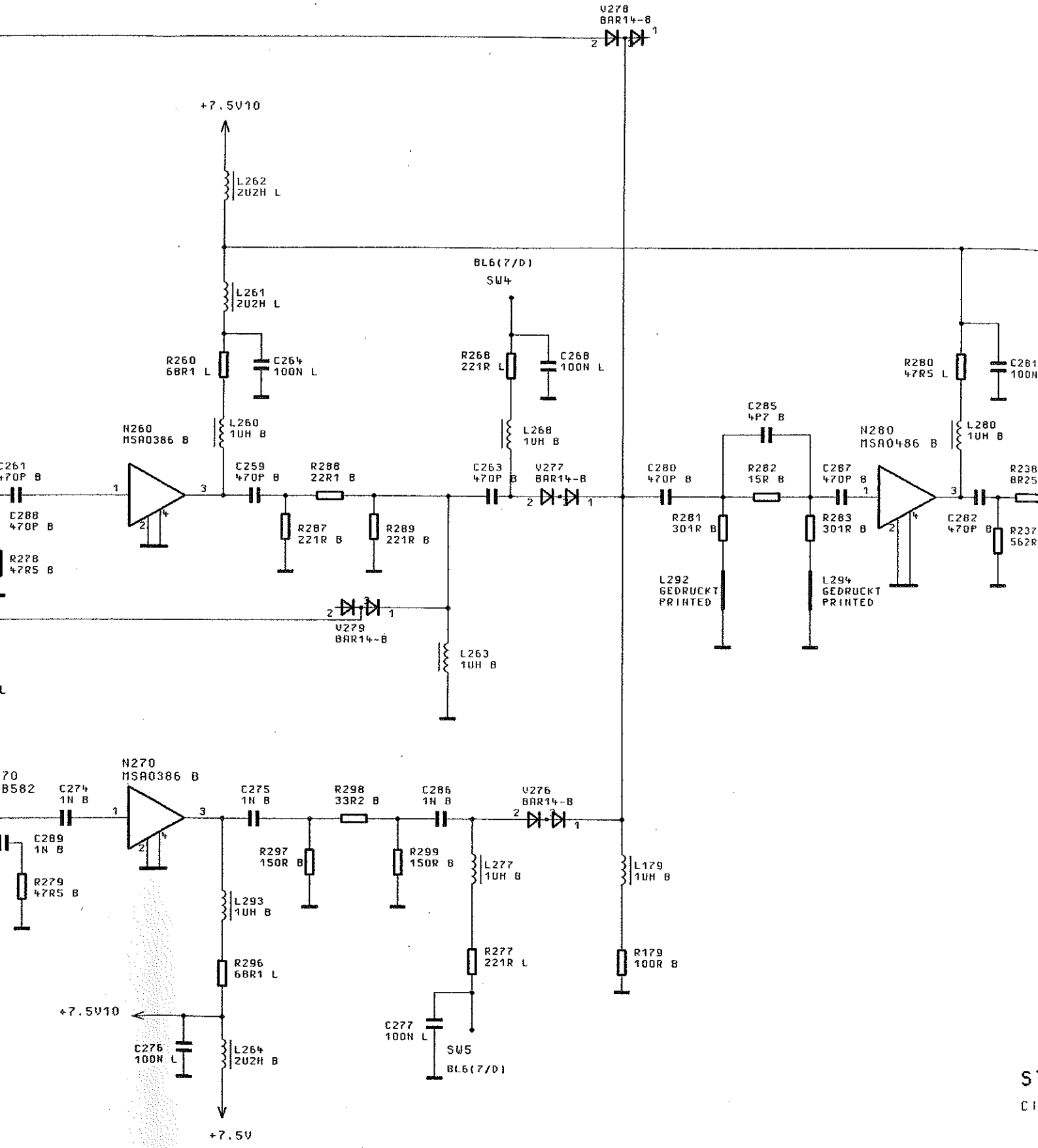


STROMLAUF GILT FUER VAR.02

CIRCUIT DIAGRAM IS VALID FOR MOD.02

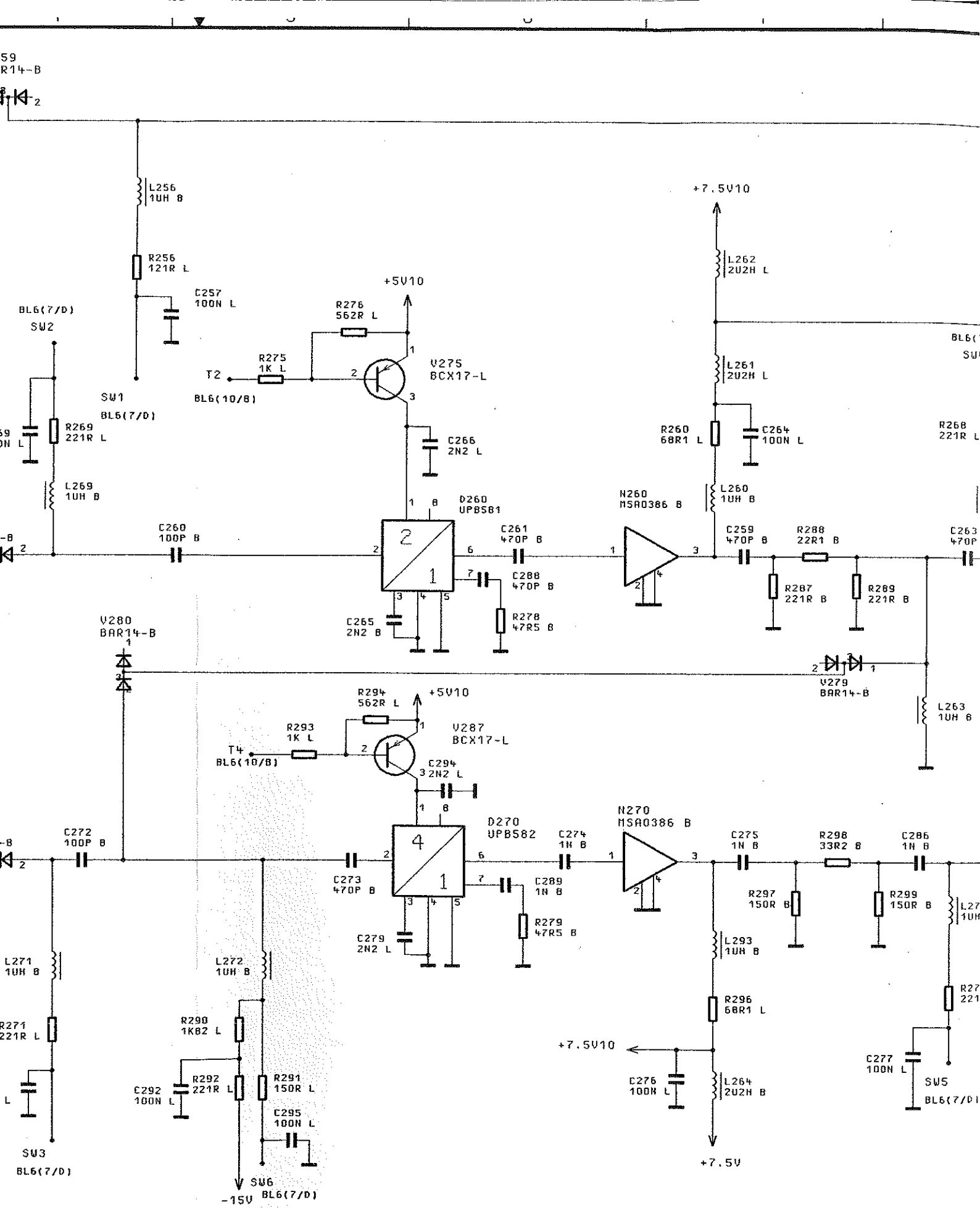
05/08		18.12.96	HO	1GPK	TAG	NAME	BENENNUNG	
				BEARB.		HO	SUMMIERSCHLEIFE	
				GEPR.			SUMMING-LOOPS	
				NORM				
				PLOTT	18.12.96			
/							ZEICHN.-NR.	BLATT-NR.
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ROHDE&SCHWARZ			1038.7196.01S	4+
				ZU GERRET	SME		REG.I.V. 1038.6002	ERSTE Z.

v. 6 BL.

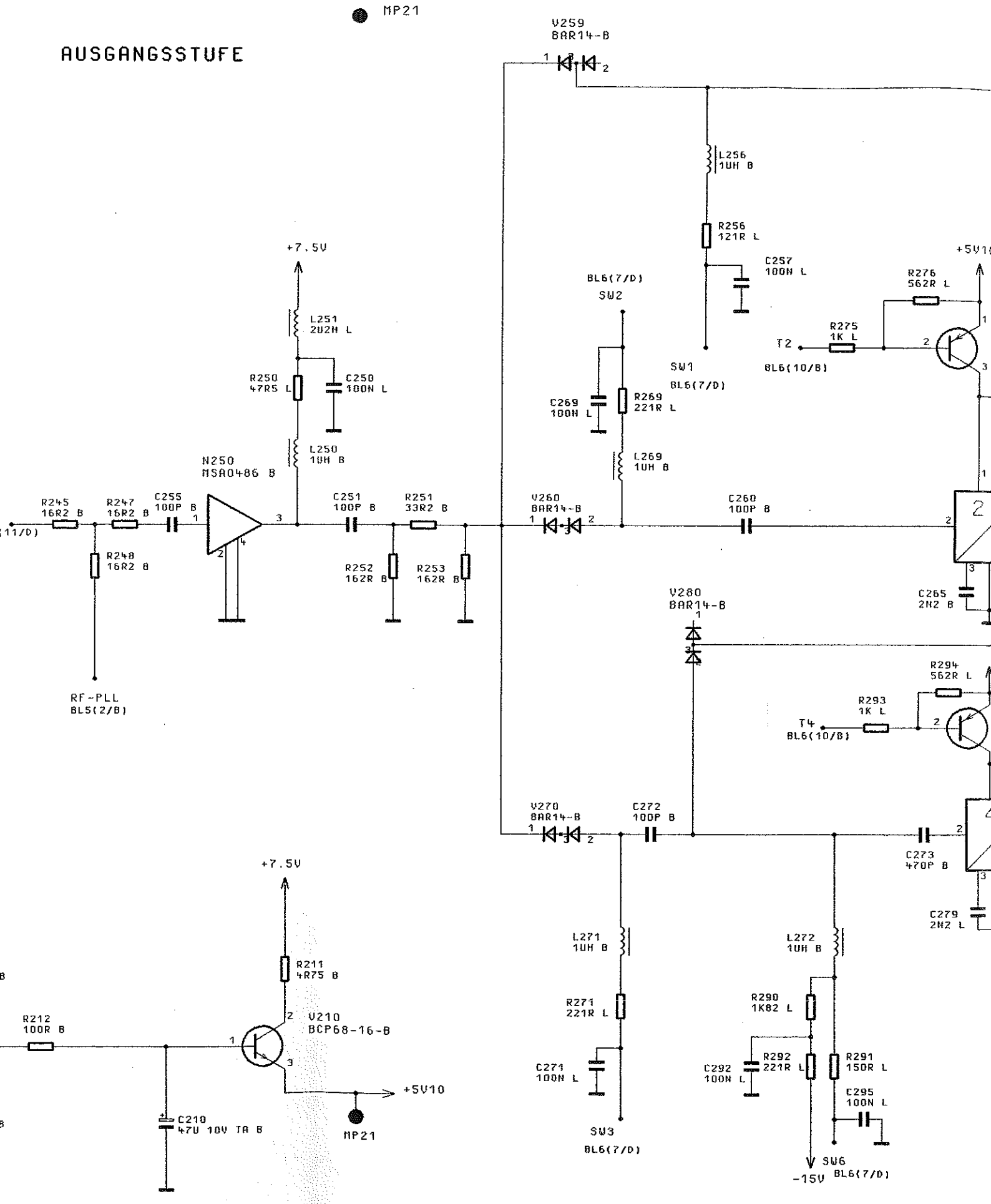


ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING

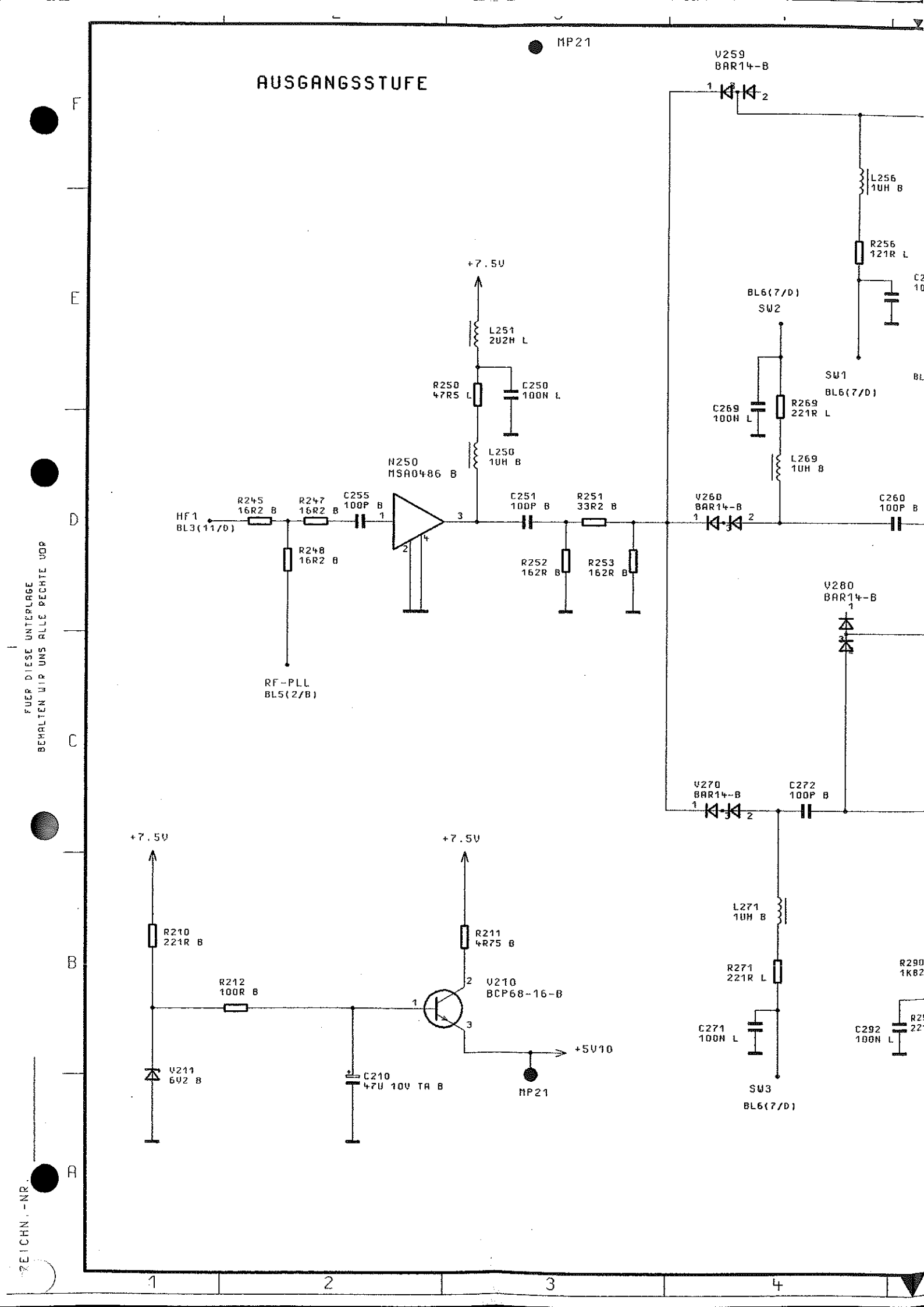
05/08		18.12.96	HO	16PK	TAG
				BEARB.	
				GEPR.	
				NORM	
				PLOTT	18.12.96
/					
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ROHDE&SCH	
				ZU GERAET	SME


59
R14-B
L256
1UH B
R256
121R L
C257
100N L
BL6(7/D)
SW2
SW1
BL6(7/D)
R269
221R L
L269
1UH B
T2
BL6(10/8)
R275
1K L
R276
562R L
+5V10
V275
BCX17-L
C266
2N2 L
D260
UPB581
C260
100P B
C261
470P B
C288
470P B
R278
47R5 B
C265
2N2 B
+7.5V10
L262
2U2H L
L261
2U2H L
R260
68R1 L
C264
100N L
L260
1UH B
N260
MSA0386 B
C259
470P B
R288
22R1 B
R287
221R B
R289
221R B
V280
BAR14-B
V279
BAR14-B
L263
1UH B
R294
562R L
+5V10
T4
BL6(10/8)
R293
1K L
V287
BCX17-L
C294
2N2 L
D270
UPB582
C272
100P B
C273
470P B
C274
1N B
C289
1N B
R279
47R5 B
C279
2N2 L
N270
MSA0386 B
C275
1N B
R298
33R2 B
C286
1N B
R297
150R B
R299
150R B
L271
1UH B
R271
221R L
SW3
BL6(7/D)
L272
1UH B
R290
1K82 L
R292
221R L
C292
100N L
R291
150R L
C295
100N L
SW6
BL6(7/D)
-15V
L293
1UH B
R296
68R1 L
+7.5V10
C276
100N L
L264
2U2H B
+7.5V
C277
100N L
SW5
BL6(7/D)
ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHR
BAUELEMENTE ERFORDERN E
BESONDERE HANDHABUNG
ATTENTION ESD!
ELECTROSTATIC SENSITIVE D
REQUIRE A SPECIAL HANDL

AUSGANGSSTUFE



AUSGANGSSTUFE

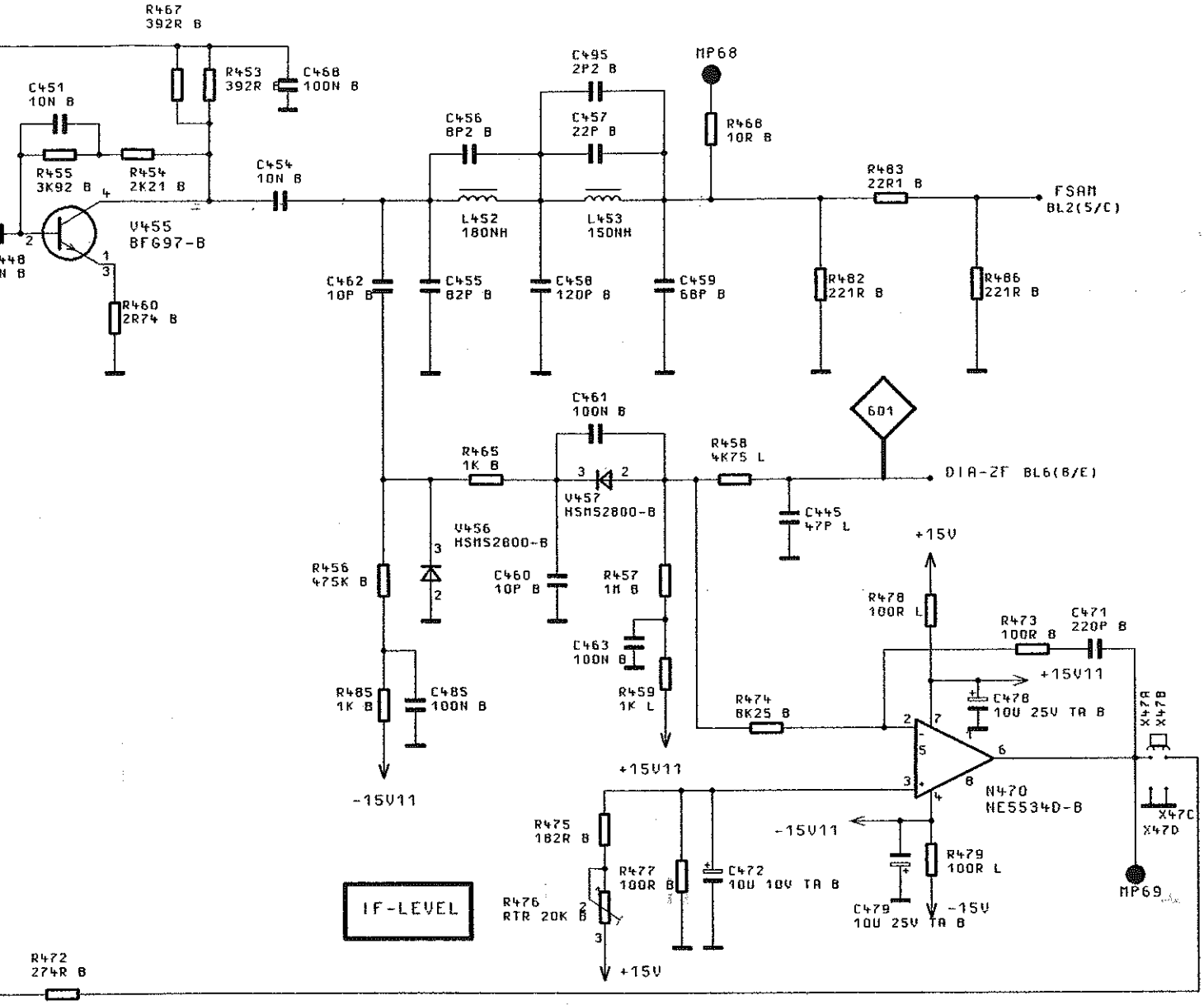


FUER DIESE UNTERLAGE
BEHALTEN WIR UNS ALLE RECHTE VOR

ZEICHN.-NR.

R476 MP68 MP69

E ZF-VERSTAERKER



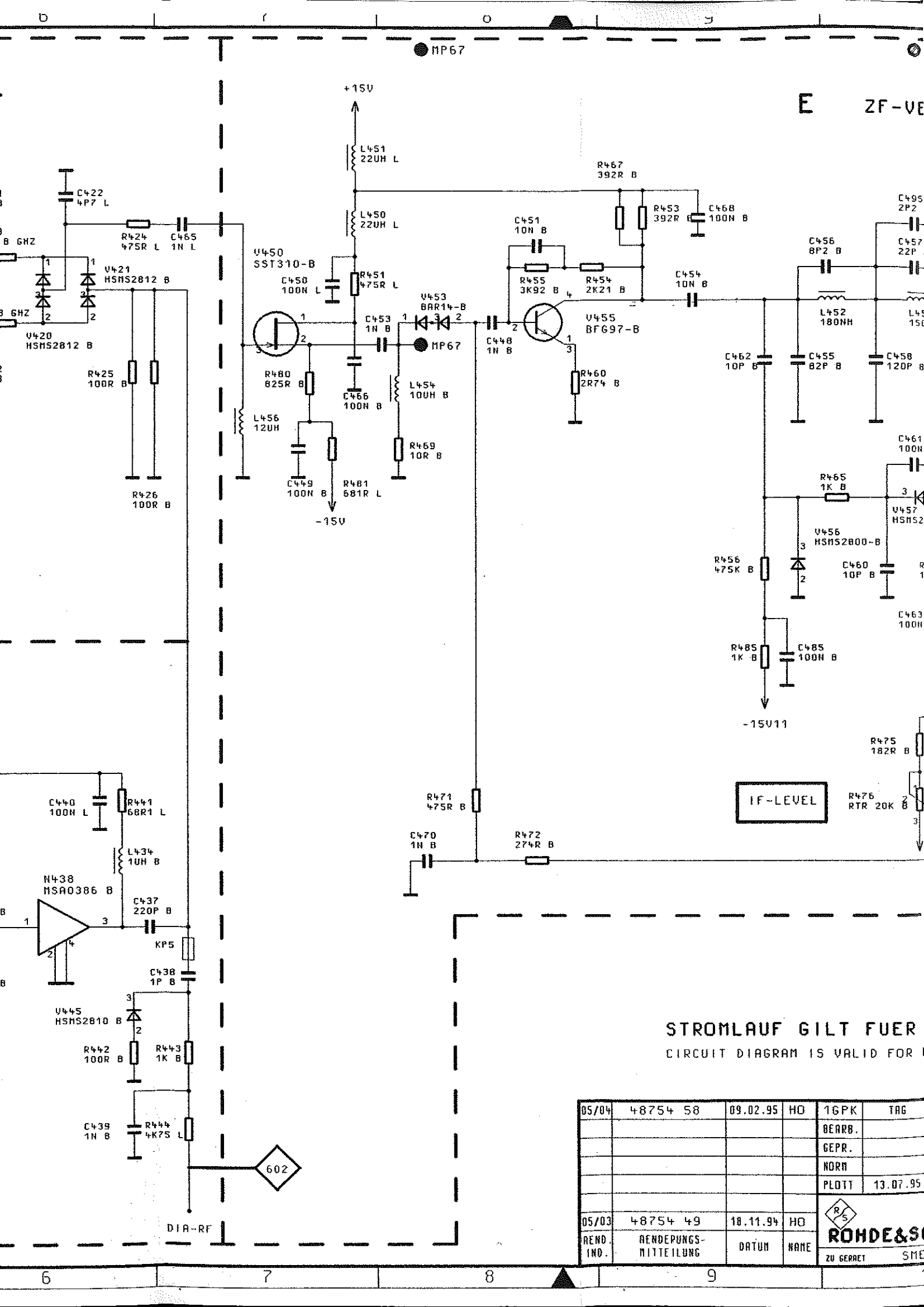
STROMLAUF GILT FUER VAR.02

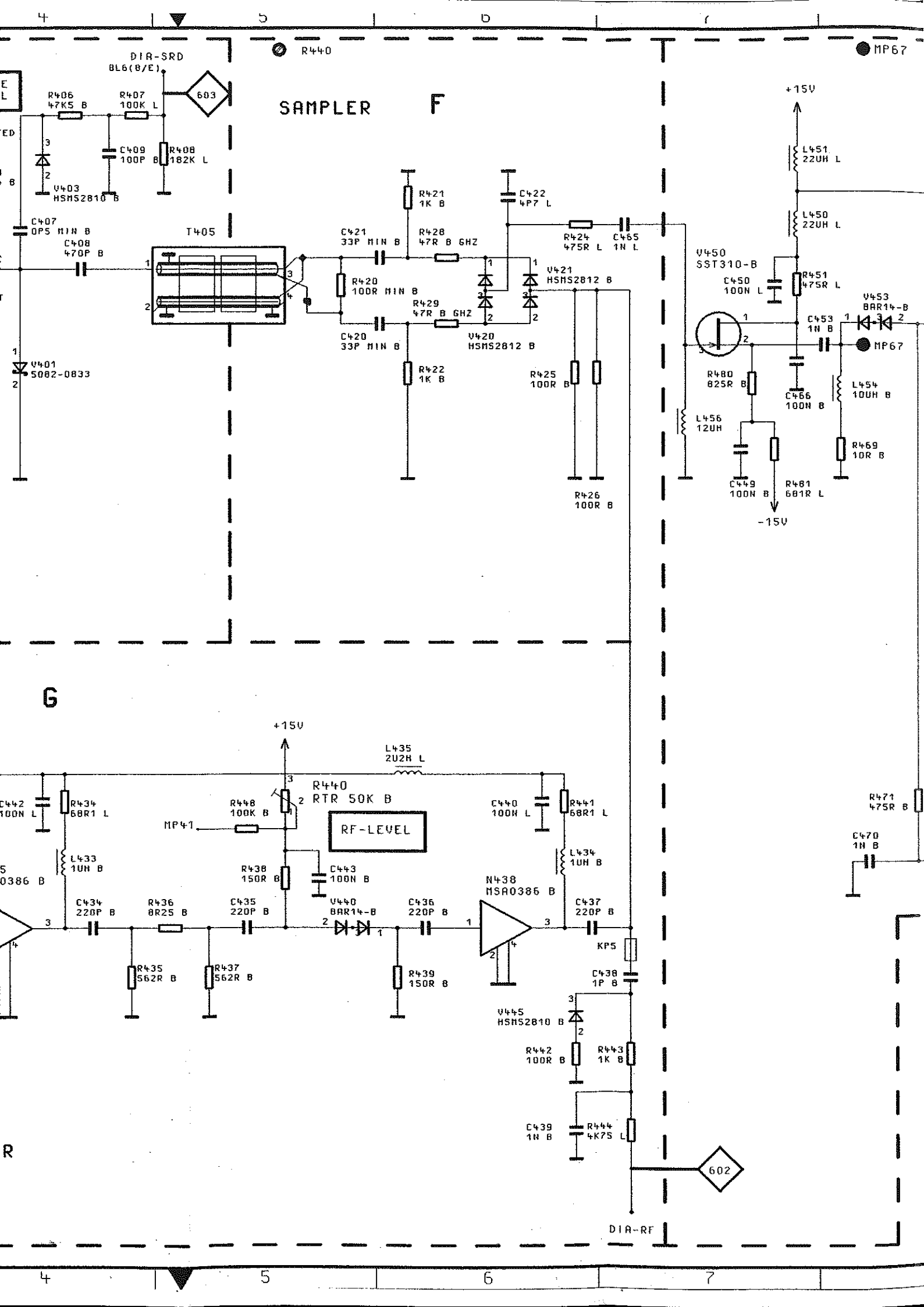
CIRCUIT DIAGRAM IS VALID FOR MOD.02

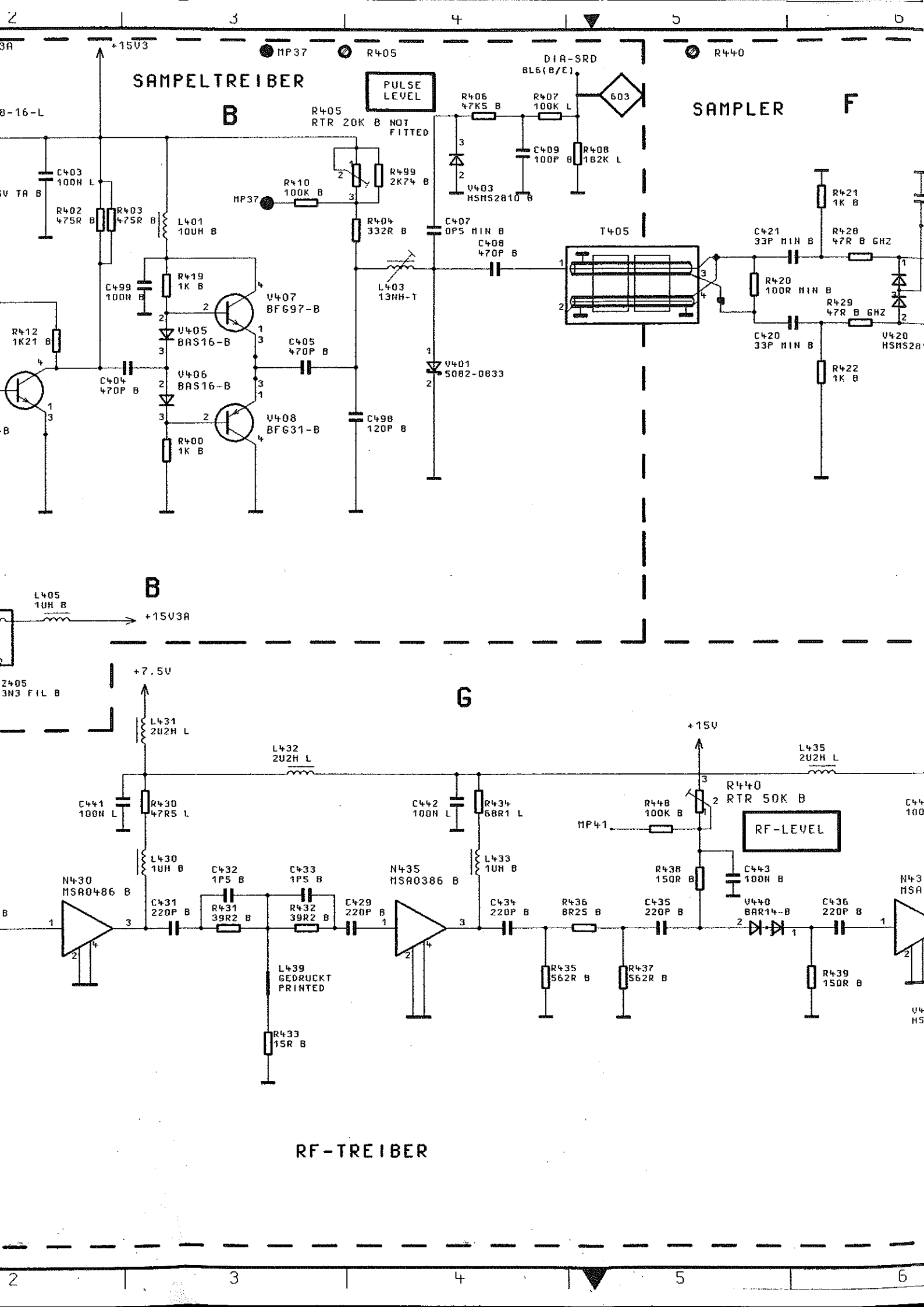
ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING

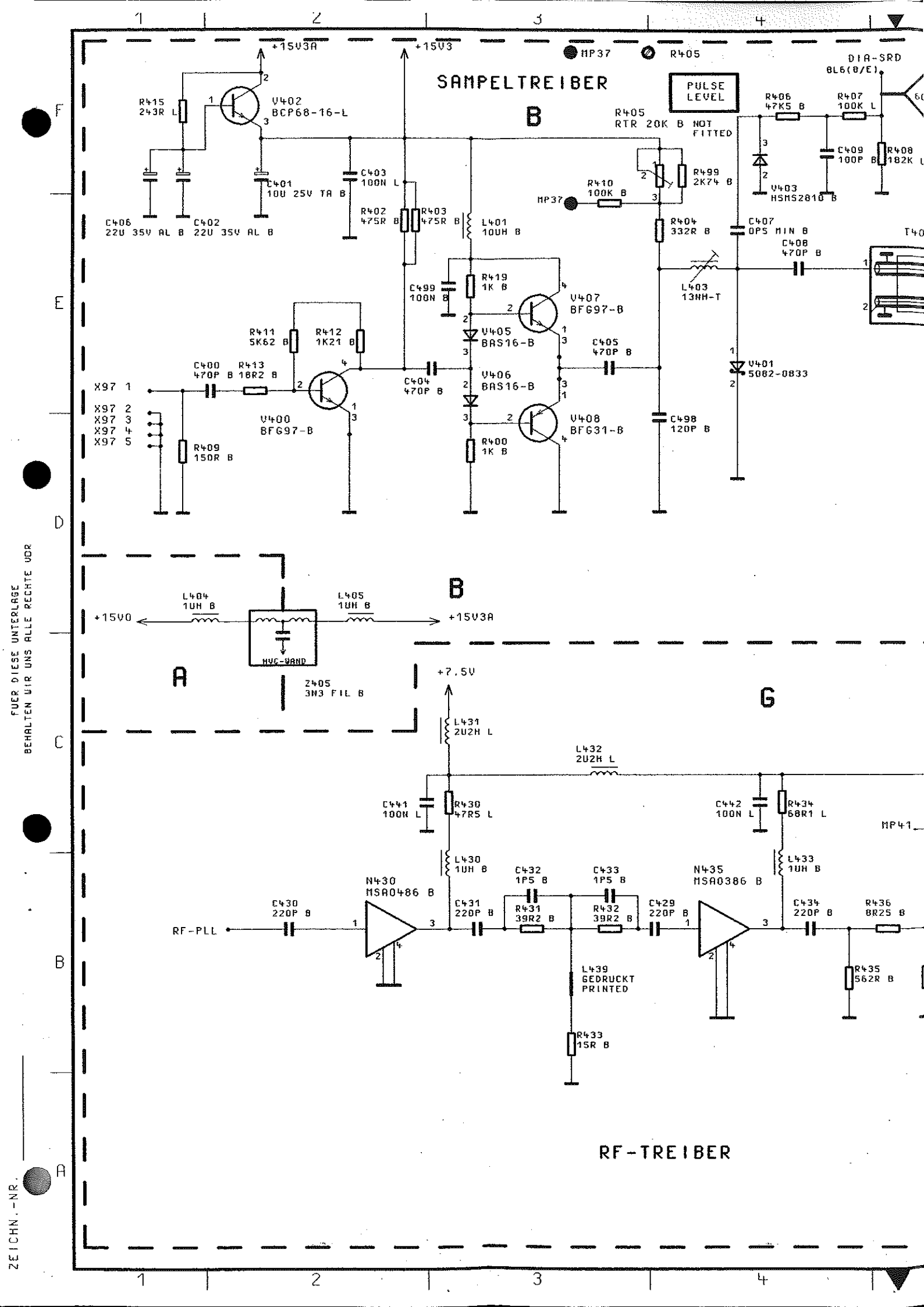
05/04	48754 58	09.02.95	HO	1GPK	TAG	NAME	BENENNUNG
				BEARB.		HO	SUMMIERSCHLEIFE
				GEPR.			SUMMING-LOOPS
				NORM			
				PLOTT	13.07.95		
05/03	48754 49	18.11.94	HO	ROHDE&SCHWARZ			ZEICHN.-NR. 1038.7196.01S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SME			REG.I.V. 1038.6002 ERSTE Z.

BLATT-NR. 5+ V. BL.


MP67
+15V
E
ZF-VE
L451 22UH L
L450 22UH L
R467 392R B
R453 392R B
C468 100N B
C422 4P7 L
R424 475R L
C465 1N L
V450 SST310-B
C450 100N L
R451 475R L
C451 10N B
R455 3K92 B
R454 2K21 B
C454 10N B
C456 8P2 B
C49S 2P2
C457 22P
L452 180NH
V421 HSMS2812 B
V420 HSMS2812 B
V453 BAR14-B
C453 1N B
V455 BFG97-B
C448 1N B
R460 2R74 B
C462 10P B
C455 82P B
C458 120P B
R425 100R B
R426 100R B
R480 825R B
C466 100N B
L454 100H B
L456 12UH
R469 10R B
C449 100N B
R481 681R L
-15V
C461 100N
R465 1K B
V457 HSMS2
V456 HSMS2800-B
R456 475K B
C460 10P B
C463 100H
R485 1K B
C485 100H B
-15V11
R475 182R B
IF-LEVEL
R476 RTR 20K B
R471 475R B
C470 1N B
R472 274R B
C440 100N L
R441 68R1 L
L434 1UH B
N438 MSA0386 B
C437 220P B
KP5
C438 1P B
V445 HSMS2810 B
R442 100R B
R443 1K B
C439 1N B
R444 4K75 L
602
DIA-RF
STROMLAUF GILT FUER
CIRCUIT DIAGRAM IS VALID FOR
05/04 | 48754 58 | 09.02.95 | HO | 1GPK | TAG
BEARB.
GEPR.
NORM
PLOTT | 13.07.95
05/03 | 48754 49 | 18.11.94 | HO
AEND. IND. | AENDERUNGS-MITTEILUNG | DATUM | NAME
ROHDE&S
ZU GERAET | SME

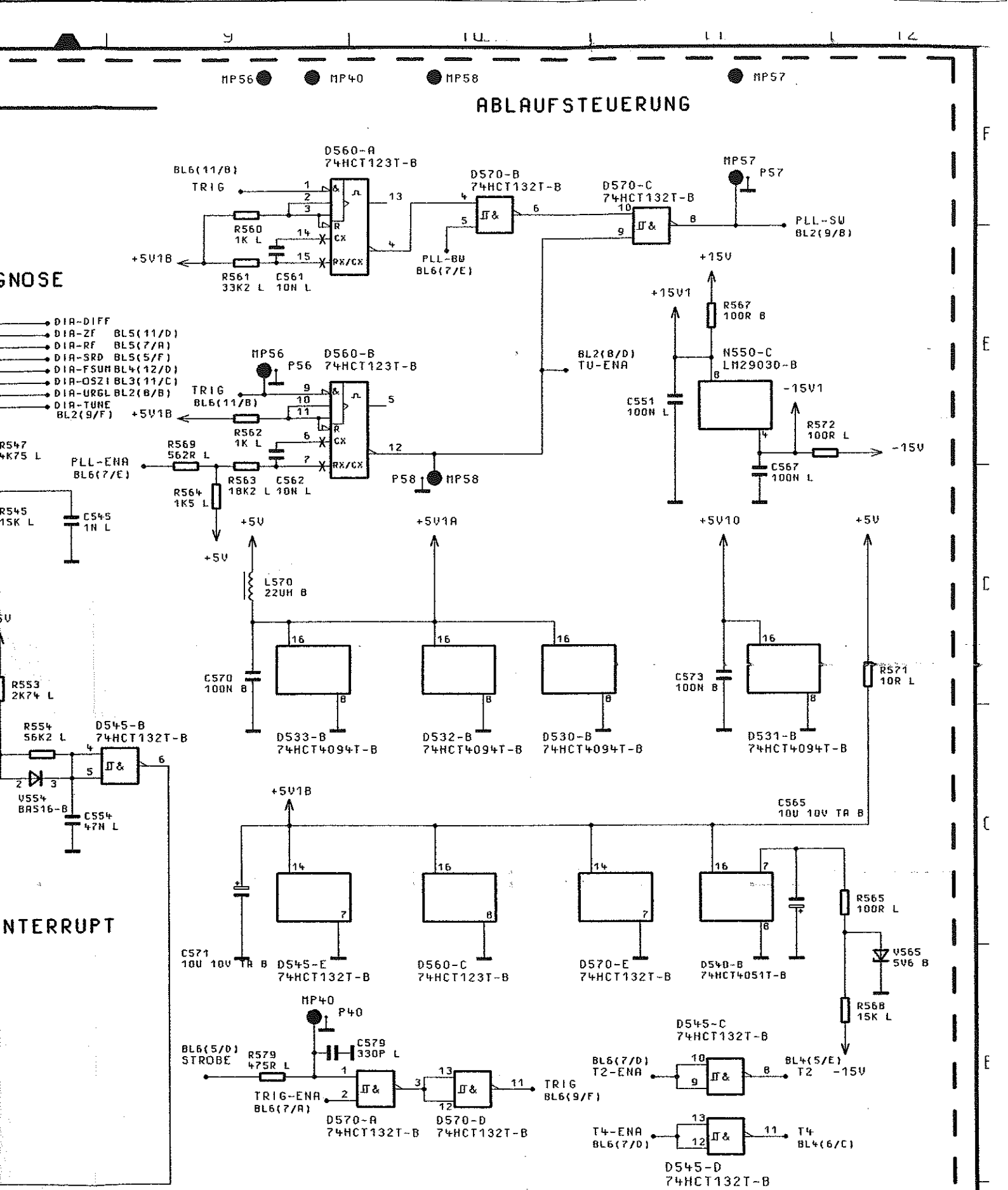

SAMPLER F
G
DIA-SRD
BL6(B/E)
603
R406 47K5 B
R407 100K L
C409 100P B
R408 182K L
V403 HSMS2810 B
C407 0P5 MIN B
C408 470P B
V401 5082-0833
T405
C421 33P MIN B
R421 1K B
R428 47R B GHZ
C422 4P7 L
R424 475R L
C465 1N L
R420 100R MIN B
R429 47R B GHZ
V421 HSMS2812 B
C420 33P MIN B
V420 HSMS2812 B
R422 1K B
R425 100R B
R426 100R B
R440
MP67
+15V
L451 22UH L
L450 22UH L
V450 SST310-B
C450 100N L
R451 475R L
V453 BAR14-B
C453 1N B
MP67
R480 825R B
C466 100N B
L454 10UH B
L456 12UH
R469 10R B
C449 100N B
R481 681R L
-15V
+15V
L435 2U2H L
C442 100N L
R434 68R1 L
L433 10H B
R448 100K B
MP41
R440 RTR 50K B
RF-LEVEL
R438 150R B
C443 100N B
C440 100N L
R441 68R1 L
L434 10H B
N438 MSA0386 B
C434 220P B
R436 8R25 B
C435 220P B
V440 BAR14-B
C436 220P B
C437 220P B
R435 562R B
R437 562R B
R439 150R B
KP5
C438 1P B
V445 HSMS2810 B
R442 100R B
R443 1K B
C439 1N B
R444 4K75 L
602
DIA-RF
R471 475R B
C470 1N B


SAMPELTREIBER
B
SAMPLER
F
PULSE LEVEL
R405 RTR 20K B NOT FITTED
DIA-SRD BL6(B/E)
603
+15V3
MP37
R405
R440
R406 47K5 B
R407 100K L
C409 100P B
R408 182K L
V403 HSMS2810 B
R410 100K B
R499 2K74 B
R404 332R B
C407 0P5 MIN B
C408 470P B
L403 13NH-T
T405
R421 1K B
C421 33P MIN B
R428 47R B GHZ
R420 100R MIN B
R429 47R B GHZ
C420 33P MIN B
V420 HSMS28
R422 1K B
C403 100N L
R402 475R B
R403 475R B
L401 10UH B
C499 100N B
R419 1K B
V407 BFG97-B
V405 BAS16-B
V406 BAS16-B
C405 470P B
C404 470P B
V408 BFG31-B
R400 1K B
C498 120P B
V401 5082-0833
R412 1K21 B
L405 10UH B
+15V3A
+7.5V
G
L431 2U2H L
L432 2U2H L
L435 2U2H L
+15V
C441 100N L
R430 47R5 L
C442 100N L
R434 68R1 L
R440 RTR 50K B
R448 100K B
MP41
RF-LEVEL
L430 1UH B
L433 1UH B
R438 150R B
C443 100N B
N430 MSA0486 B
C431 220P B
C432 1P5 B
C433 1P5 B
R431 39R2 B
R432 39R2 B
C429 220P B
N435 MSA0386 B
C434 220P B
R436 8R25 B
C435 220P B
V440 BAR14-B
C436 220P B
L439 GEDRUCKT PRINTED
R433 15R B
R435 562R B
R437 562R B
R439 150R B
RF-TREIBER



FUER DIESE UNTERLAGE
BEHALTEN WIR UNS ALLE RECHTE VOR

ZEICHN.-NR.



05/04	48754 58	09.02.95	HO	1GPK	TAG	NAME
				BEARB.		HO
				GEPR.		
				NORM		
				PLOTT	13.07.95	
05/03	48754 49	18.11.94	HO			
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME			

ROHDE&SCHWARZ

ZU GERAET SME

BENENNUNG

SUMMIERSCHLEIFE

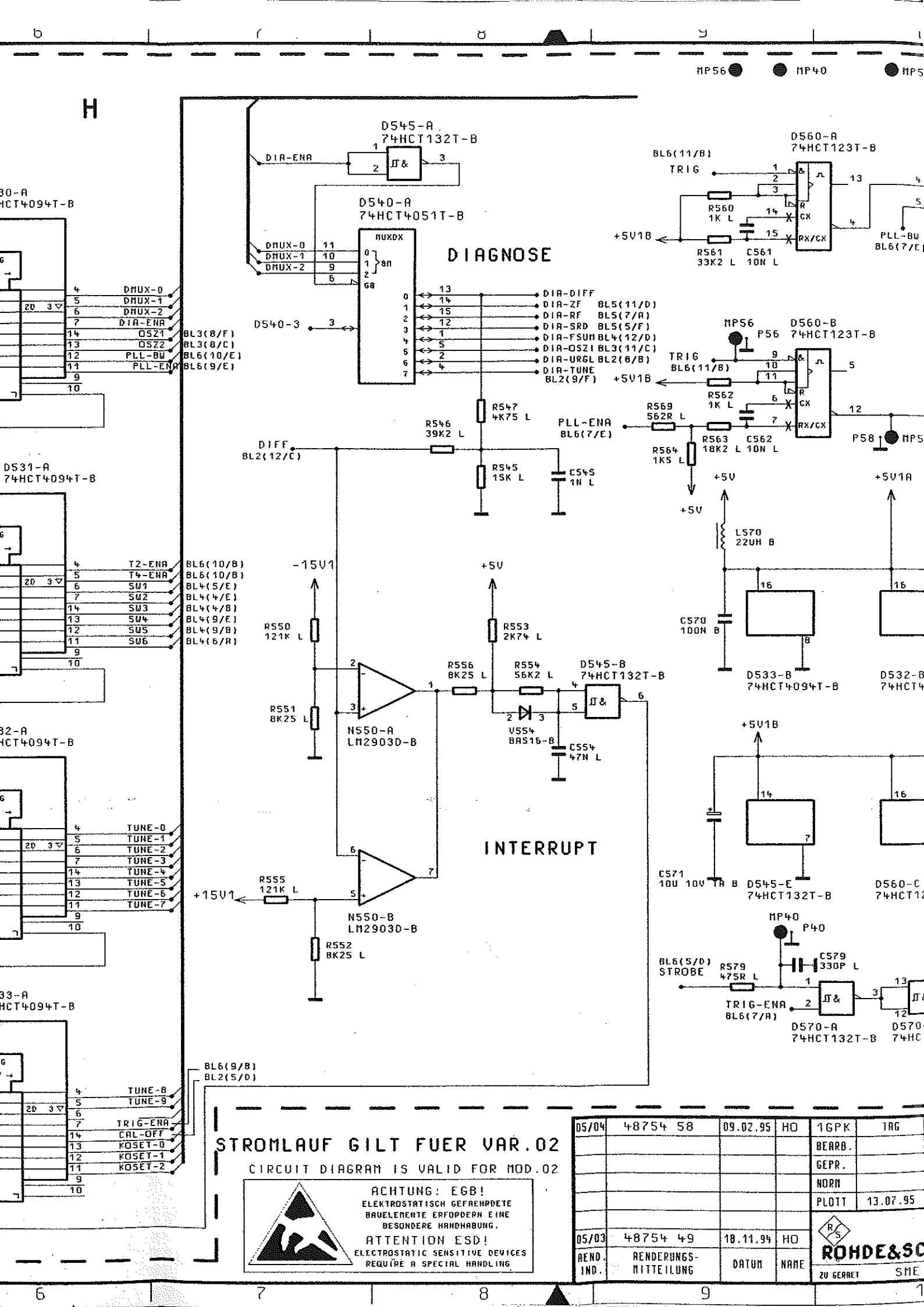
SUMMING-LOOPS

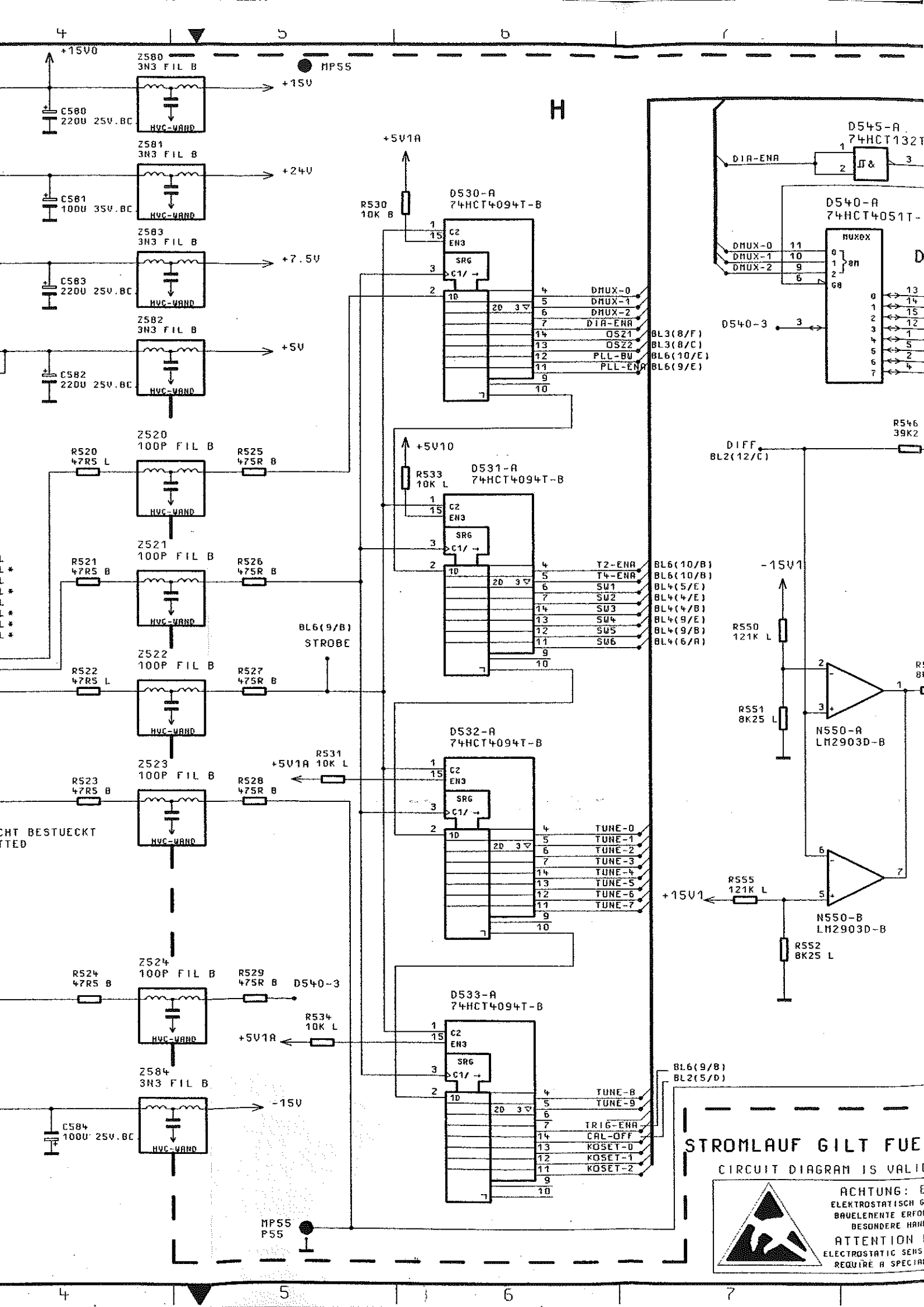
ZEICHN.-NR. 1038.7196.01S

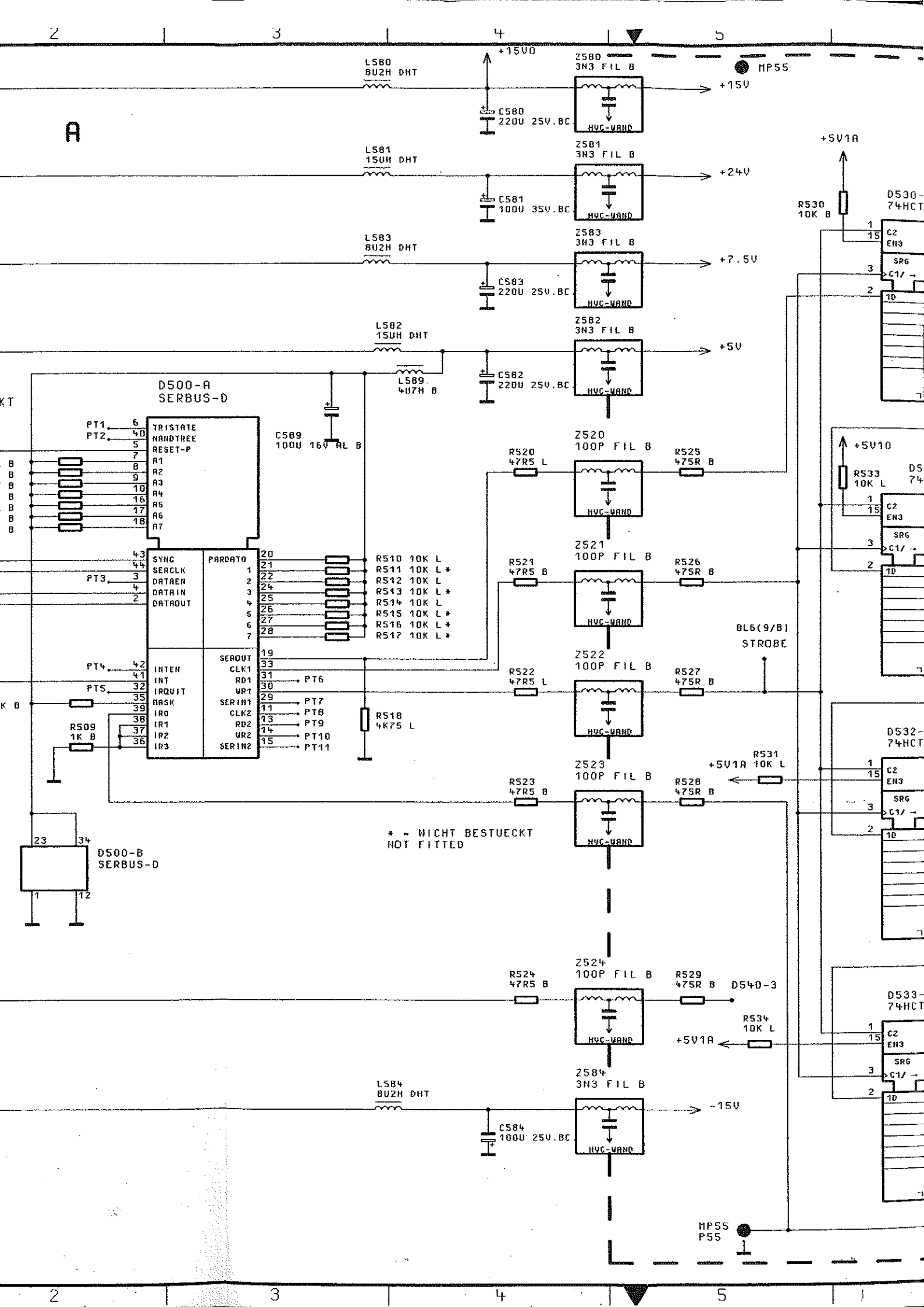
BLATT-NR. 6

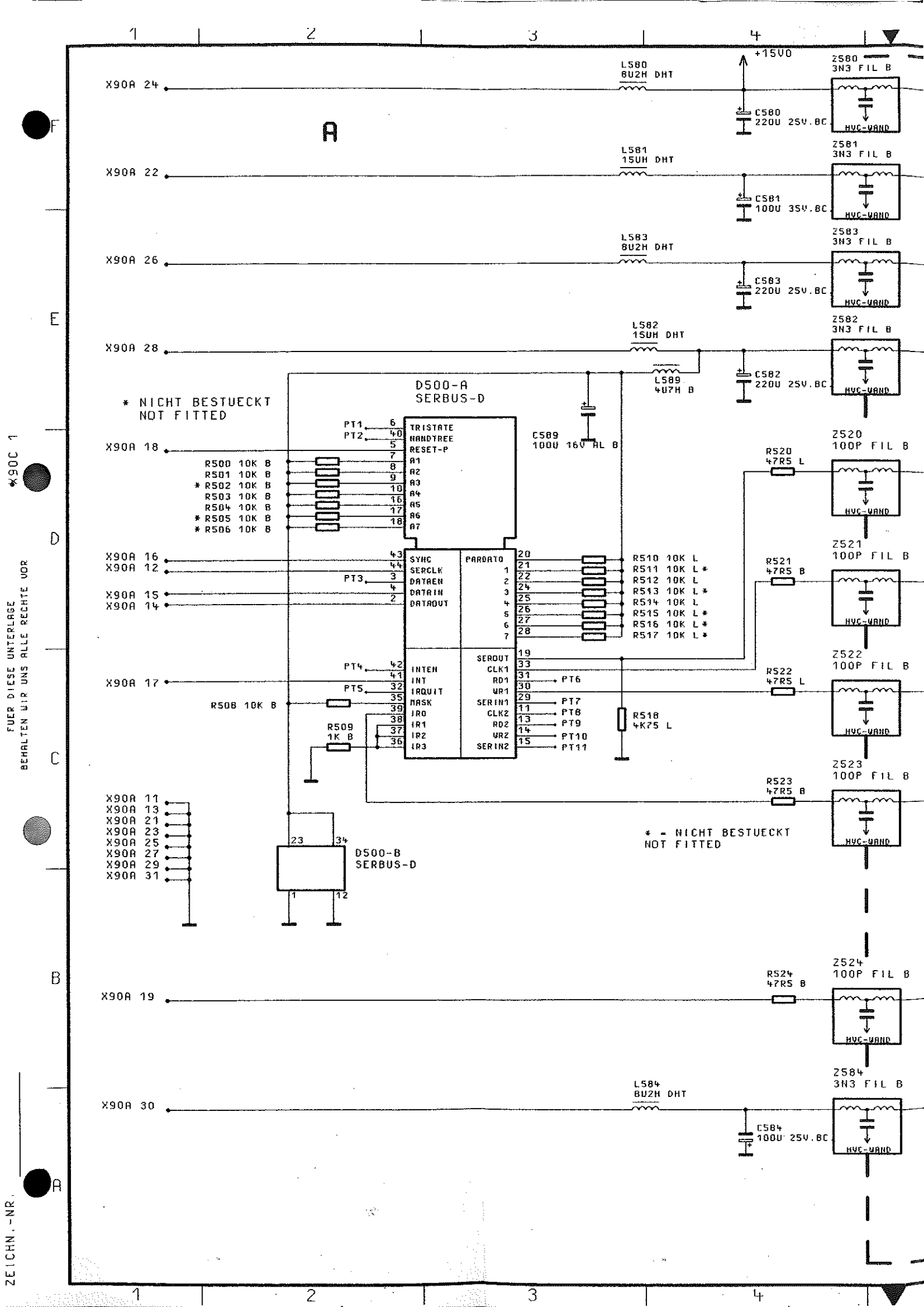
REG.I.V. 1038.6002

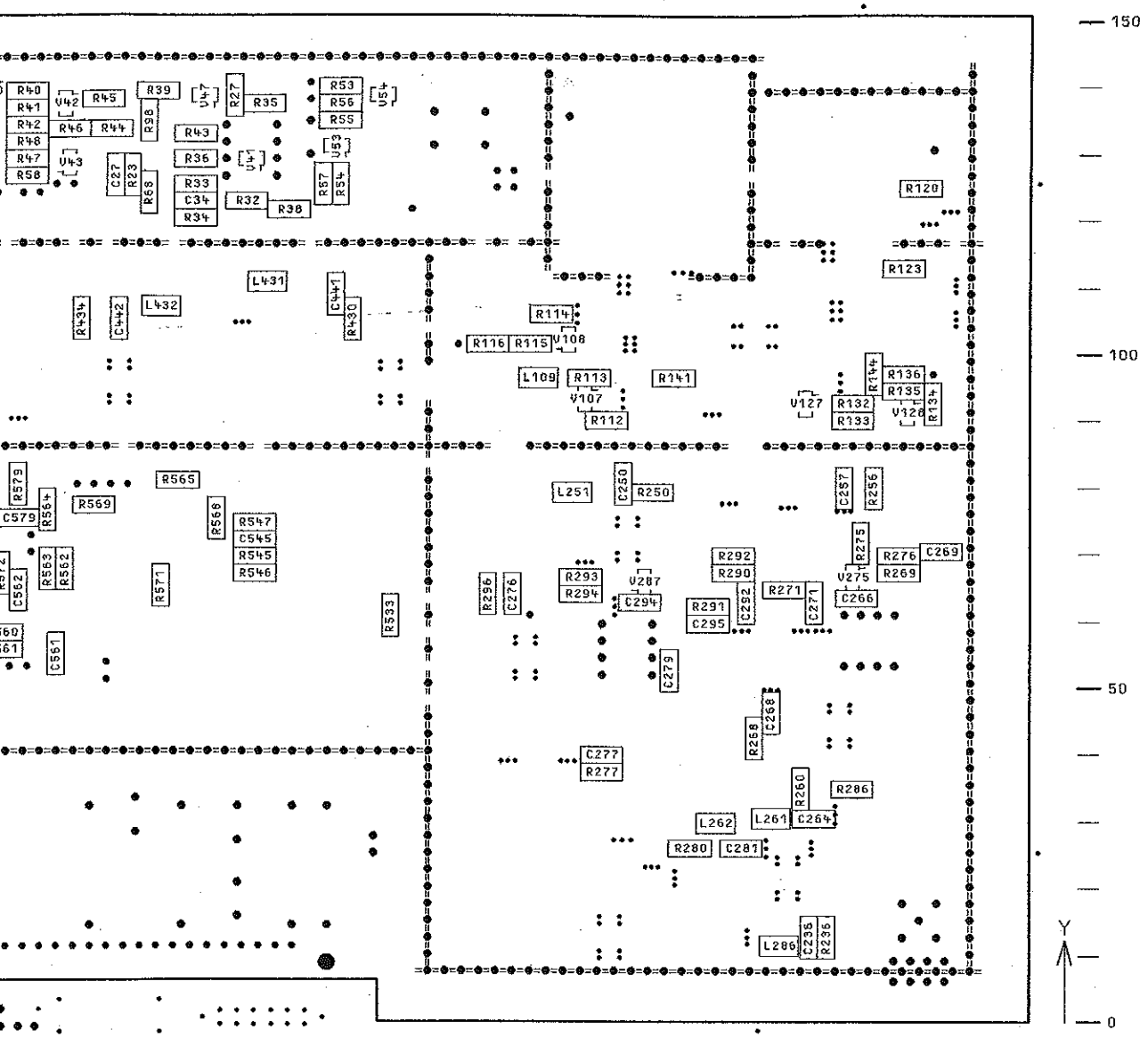
ERSTE Z.


H
DIAGNOSE
INTERRUPT
D545-A
74HCT132T-B
DIA-ENA
D540-A
74HCT4051T-B
MUXDX
DMUX-0
DMUX-1
DMUX-2
D540-3
DIA-DIFF
DIA-ZF BL5(11/D)
DIA-RF BL5(7/A)
DIA-SRD BL5(5/F)
DIA-FSUM BL4(12/D)
DIA-OSZI BL3(11/C)
DIA-URGL BL2(8/B)
DIA-TUNE BL2(9/F)
D560-A
74HCT123T-B
BL6(11/B)
TRIG
R560 1K L
C560 10N L
+5V1B
PLL-BW BL6(7/E)
D560-B
74HCT123T-B
MP56
P56
R562 1K L
C562 10N L
R563 18K2 L
R564 1K5 L
R569 562R L
PLL-ENA BL6(7/E)
P58
MP58
R547 4K75 L
R546 39K2 L
R545 15K L
C545 1N L
DIFF BL2(12/C)
+5V
L570 22UH B
C570 100N B
D533-B
74HCT4094T-B
D532-B
74HCT4
-15V1
+15V1
R550 121K L
R551 8K25 L
R553 2K74 L
R556 8K25 L
R554 56K2 L
N550-A
LM2903D-B
V554 BAS16-B
C554 47N L
D545-B
74HCT132T-B
R555 121K L
R552 8K25 L
N550-B
LM2903D-B
C571 10U 10V TA B
D545-E
74HCT132T-B
D560-C
74HCT12
MP40
P40
C579 330P L
R579 475R L
BL6(5/D)
STROBE
TRIG-ENA BL6(7/A)
D570-A
74HCT132T-B
D570-
74HC
D530-A
74HCT4094T-B
DMUX-0
DMUX-1
DMUX-2
DIA-ENA
OSZ1 BL3(8/F)
OSZ2 BL3(8/C)
PLL-BW BL6(10/E)
PLL-ENA BL6(9/E)
D531-A
74HCT4094T-B
T2-ENA BL6(10/B)
T4-ENA BL6(10/B)
SW1 BL4(5/E)
SW2 BL4(4/E)
SW3 BL4(4/B)
SW4 BL4(9/E)
SW5 BL4(9/B)
SW6 BL4(6/A)
D532-A
74HCT4094T-B
TUNE-0
TUNE-1
TUNE-2
TUNE-3
TUNE-4
TUNE-5
TUNE-6
TUNE-7
D533-A
74HCT4094T-B
TUNE-8
TUNE-9
TRIG-ENA
CAL-OFF
KOSET-0
KOSET-1
KOSET-2
BL6(9/B)
BL2(5/D)
MP56
MP40
MP5
STROMLAUF GILT FUER VAR.02
CIRCUIT DIAGRAM IS VALID FOR MOD.02
ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING
05/04 48754 58 09.02.95 HO
05/03 48754 49 18.11.94 HO
AEND. IND. AENDERUNGS-MITTEILUNG DATUM NAME
1GPK TAG
BEARB.
GEPR.
NORM
PLOTT 13.07.95
ROHDE&SC
ZU GERRET SME

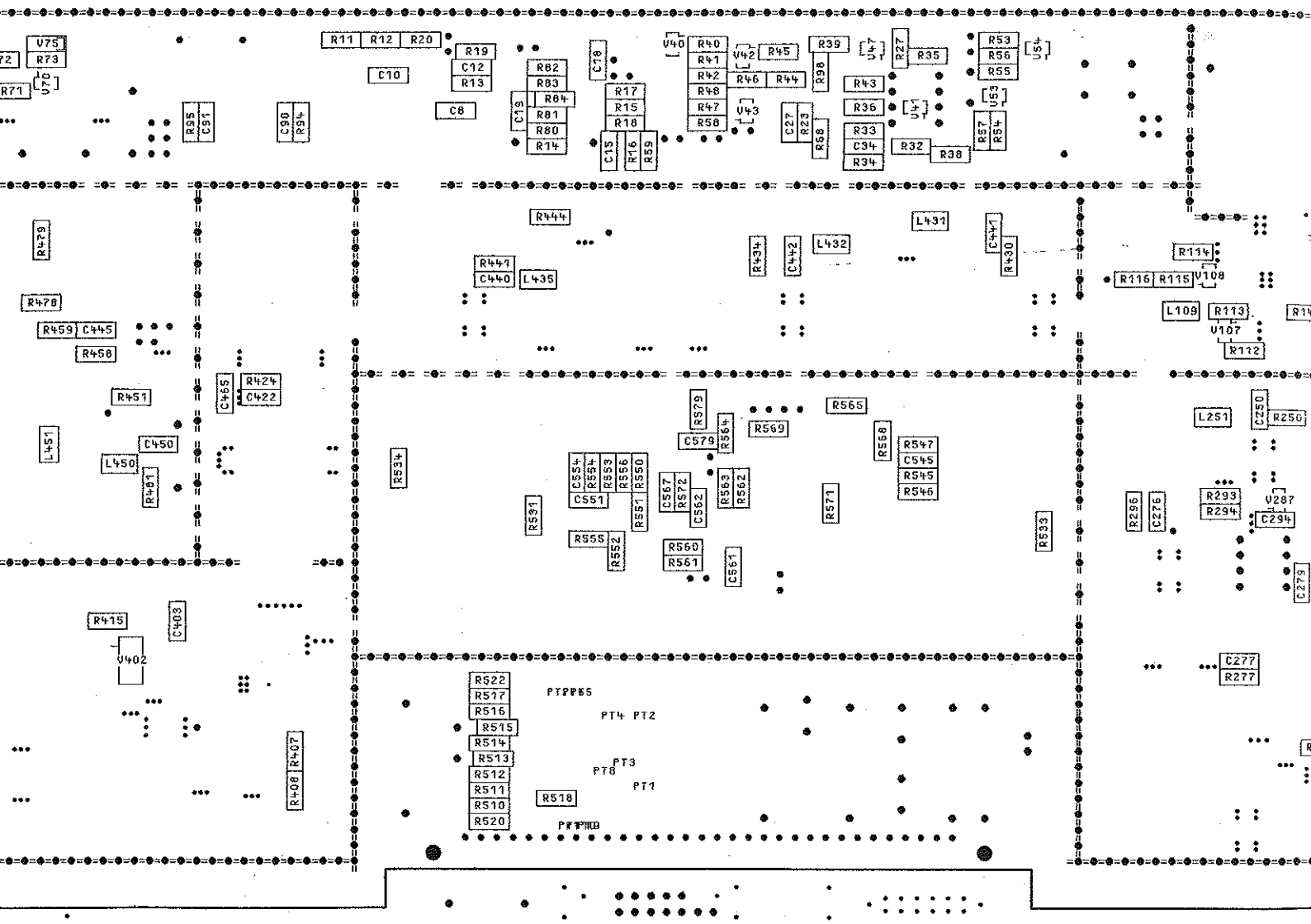

+15V0
Z580 3N3 FIL B
MP55
+15V
C580 220U 25V.BC
HVC-VAND
Z581 3N3 FIL B
+24V
C581 100U 35V.BC
Z583 3N3 FIL B
+7.5V
C583 220U 25V.BC
Z582 3N3 FIL B
+5V
C582 220U 25V.BC
+5V1A
R530 10K B
D530-A 74HCT4094T-B
C2
EN3
SRG
C1/→
1D
2D
DMUX-0
DMUX-1
DMUX-2
DIA-ENA
OSZ1
OSZ2
PLL-BU
PLL-ENA
BL3(8/F)
BL3(8/C)
BL6(10/E)
BL6(9/E)
D545-A 74HCT132T
DIA-ENA
D540-A 74HCT4051T-
MUXOX
8M
G8
D540-3
DIFF
BL2(12/C)
R546 39K2
+5V1O
R533 10K L
D531-A 74HCT4094T-B
T2-ENA
T4-ENA
SW1
SW2
SW3
SW4
SW5
SW6
BL6(10/B)
BL6(10/B)
BL4(5/E)
BL4(4/E)
BL4(4/B)
BL4(9/E)
BL4(9/B)
BL4(6/A)
-15V1
R550 121K L
R551 8K25 L
N550-A LM2903D-B
R520 47R5 L
R525 475R B
Z520 100P FIL B
R521 47R5 B
R526 475R B
Z521 100P FIL B
BL6(9/B)
STROBE
R522 47R5 L
R527 475R B
Z522 100P FIL B
D532-A 74HCT4094T-B
TUNE-0
TUNE-1
TUNE-2
TUNE-3
TUNE-4
TUNE-5
TUNE-6
TUNE-7
R531 +5V1A 10K L
R523 47R5 B
R528 475R B
Z523 100P FIL B
CHT BESTUECKT
TTED
R555 121K L
+15V1
N550-B LM2903D-B
R552 8K25 L
R524 47R5 B
R529 475R B
Z524 100P FIL B
D540-3
D533-A 74HCT4094T-B
R534 10K L
+5V1A
TUNE-8
TUNE-9
TRIG-ENA
CAL-OFF
KOSET-0
KOSET-1
KOSET-2
BL6(9/B)
BL2(5/D)
Z584 3N3 FIL B
-15V
C584 100U 25V.BC
MP55
P55
STROMLAUF GILT FUE
CIRCUIT DIAGRAM IS VALI
ACHTUNG:
ELEKTROSTATISCH
BAUELEMENTE ERFO
BESONDERE HAN
ATTENTION
ELECTROSTATIC SENS
REQUIRE A SPECIA


2
3
4
5
A
+15V0
L580 8U2H DHT
C580 220U 25V.BC
Z580 3N3 FIL B
HVC-WAND
+15V
MP55
L581 15UH DHT
C581 100U 35V.BC
Z581 3N3 FIL B
+24V
L583 8U2H DHT
C583 220U 25V.BC
Z583 3N3 FIL B
+7.5V
L582 15UH DHT
L589 4U7H B
C582 220U 25V.BC
Z582 3N3 FIL B
+5V
+5V1A
R530 10K B
D530-
74HCT
C2
EN3
SRG
C1/
1D
D500-A
SERBUS-D
C589 100U 16V AL B
PT1
PT2
TRISTATE
NANDTREE
RESET-P
A1
A2
A3
A4
A5
A6
A7
Z520 100P FIL B
R520 47R5 L
R525 475R B
+5V10
R533 10K L
D5
74
SYNC
SERCLK
DATAEN
DATAIN
DATAOUT
PT3
PARDAT0
R510 10K L
R511 10K L *
R512 10K L
R513 10K L *
R514 10K L
R515 10K L *
R516 10K L *
R517 10K L *
Z521 100P FIL B
R521 47R5 B
R526 475R B
BL6(9/B)
STROBE
INTEN
INT
IRQUIT
MASK
IR0
IR1
IR2
IR3
PT4
PT5
SERDUT
CLK1
RD1
WR1
SERIN1
CLK2
RD2
WR2
SERIN2
PT6
PT7
PT8
PT9
PT10
PT11
Z522 100P FIL B
R522 47R5 L
R527 475R B
R509 1K B
R518 4K75 L
R531 10K L
+5V1A
Z523 100P FIL B
R523 47R5 B
R528 475R B
D532-
74HCT
* = NICHT BESTUECKT
NOT FITTED
D500-B
SERBUS-D
Z524 100P FIL B
R524 47R5 B
R529 475R B
DS40-3
R534 10K L
+5V1A
D533-
74HCT
L584 8U2H DHT
C584 100U 25V.BC
Z584 3N3 FIL B
-15V
MP55
P55


A
+15V0
X90A 24
X90A 22
X90A 26
X90A 28
X90A 18
X90A 16
X90A 12
X90A 15
X90A 14
X90A 17
X90A 11
X90A 13
X90A 21
X90A 23
X90A 25
X90A 27
X90A 29
X90A 31
X90A 19
X90A 30
L580 6U2H DHT
L581 15UH DHT
L583 6U2H DHT
L582 15UH DHT
L584 6U2H DHT
L589 4U7H B
C580 220U 25V.BC
C581 100U 35V.BC
C583 220U 25V.BC
C582 220U 25V.BC
C584 100U 25V.BC
C589 100U 16V AL B
Z580 3N3 FIL B
Z581 3N3 FIL B
Z583 3N3 FIL B
Z582 3N3 FIL B
Z584 3N3 FIL B
Z520 100P FIL B
Z521 100P FIL B
Z522 100P FIL B
Z523 100P FIL B
Z524 100P FIL B
HVC-VAND
* NICHT BESTUECKT
NOT FITTED
D500-A
SERBUS-D
D500-B
SERBUS-D
TRISTATE
HANDTREE
RESET-P
A1
A2
A3
A4
A5
A6
A7
SYNC
SERCLK
DATAEN
DATAIN
DATAOUT
INTEN
INT
IRQUIT
MASK
IRO
IR1
IR2
IR3
PARDATO
SEROUT
CLK1
RD1
WR1
SERIN1
CLK2
RD2
WR2
SERIN2
PT1
PT2
PT3
PT4
PT5
PT6
PT7
PT8
PT9
PT10
PT11
R500 10K B
R501 10K B
* R502 10K B
R503 10K B
R504 10K B
* R505 10K B
* R506 10K B
R508 10K B
R509 1K B
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R512 10K L
R513 10K L *
R514 10K L
R515 10K L *
R516 10K L *
R517 10K L *
R518 4K75 L
R520 47R5 L
R521 47R5 B
R522 47R5 L
R523 47R5 B
R524 47R5 B
* - NICHT BESTUECKT
NOT FITTED
*90C 1
FUER DIESE UNTERLAGE
BEHALTEN WIR UNS ALLE RECHTE VOR
ZEICHN.-NR.



09/	48754	11.02.94	HO	1GPK	TAG	NAME	BENENNUNG
				BEARB.		HO	SUMMIERSCHLEIFE
				GEPR.		HO	SUMMING-LOOPS
				NORM			Z
				PLOTT	07.04.94		
/							ZEICHN.-NR.
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ROHDE&SCHWARZ			1038.7196.01 EE
				ZU GERAET	SME		BLATT-NR. 2+
				REG.I.V.	1038.6002	ERSTE Z.	V. BL.



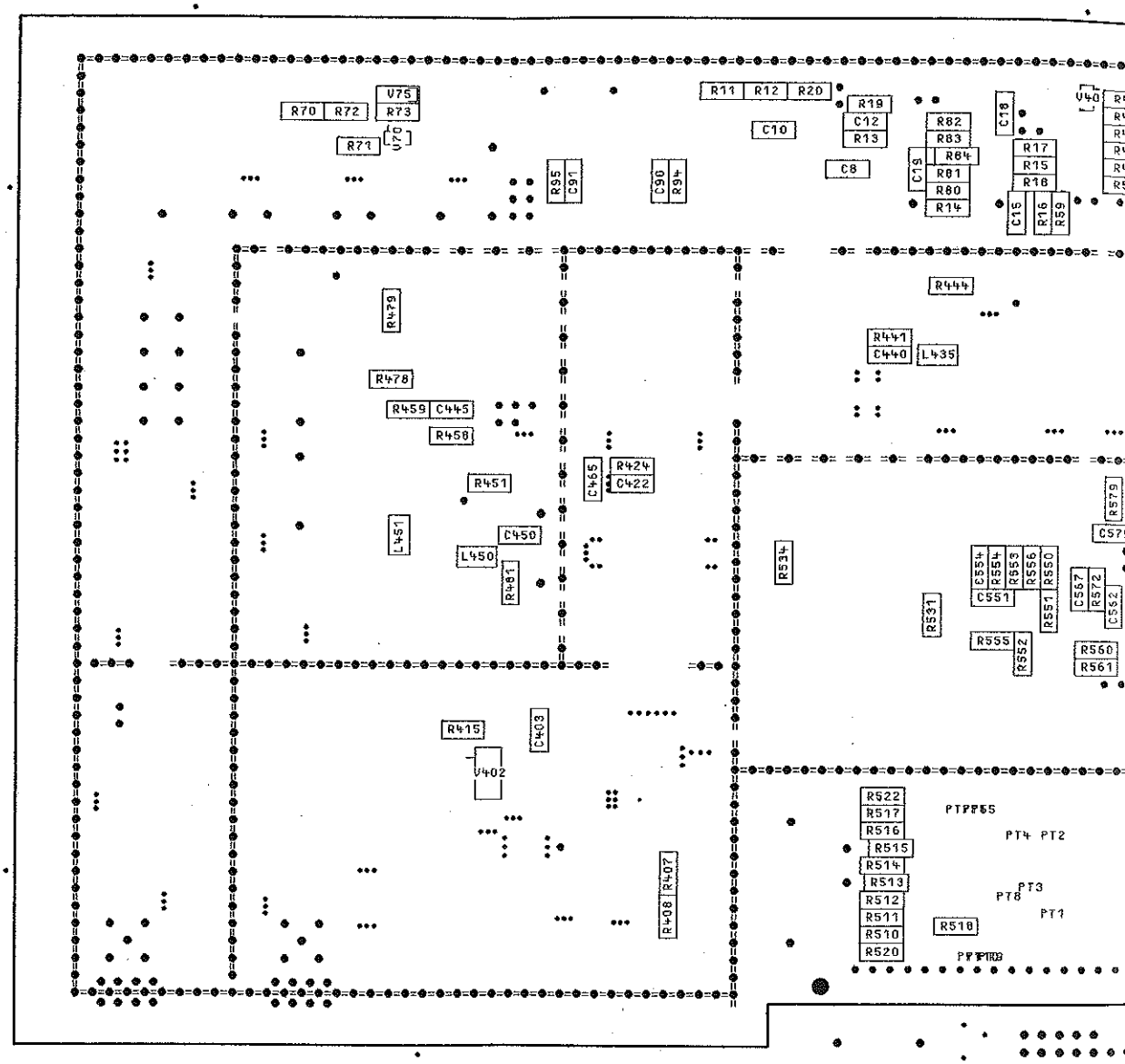
ESD!
H GEFAEHRDETE
RFORDERN EINE
HANDHABUNG.
N ESD!
ENSITIVE DEVICES
CIAL HANDLING

BINDENDE ANGABEN UEBER VARIANTEN,
TRIMMWERTE, BAUTEILWERTE UND
NICHT BESTUECKTE BAUTEILE SIEHE SA.

FOR BINDING INFORMATION ON MODELS,
TRIMMING AND COMPONENTS VALUES AND
NONFITTED COMPONENTS SEE PARTS LIST.

09/	48754	11.
/		
BEND. IND.	RENDERUNGS-MITTEILUNG	OR

4 5 6 7 8 9



300 250 200

DARSTELLUNG SEITE A

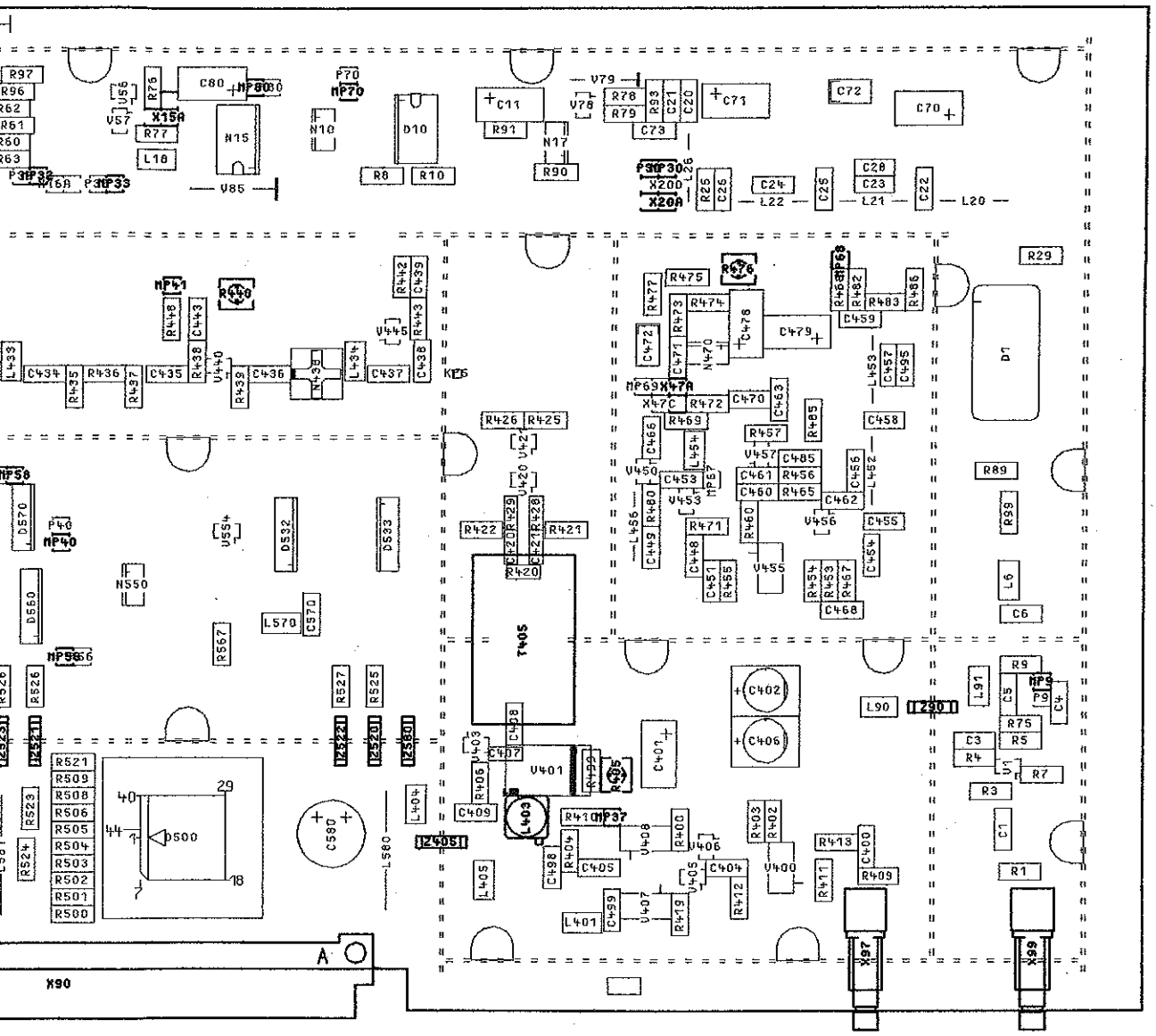
VIEW ON SIDE A

ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING

BINDENDE ANGABEN UEBER VARIANTEN, TRIMMWERTE, BAUTEILWERTE UND NICHT BESTUECKTE BAUTEILE SIEHE SA.

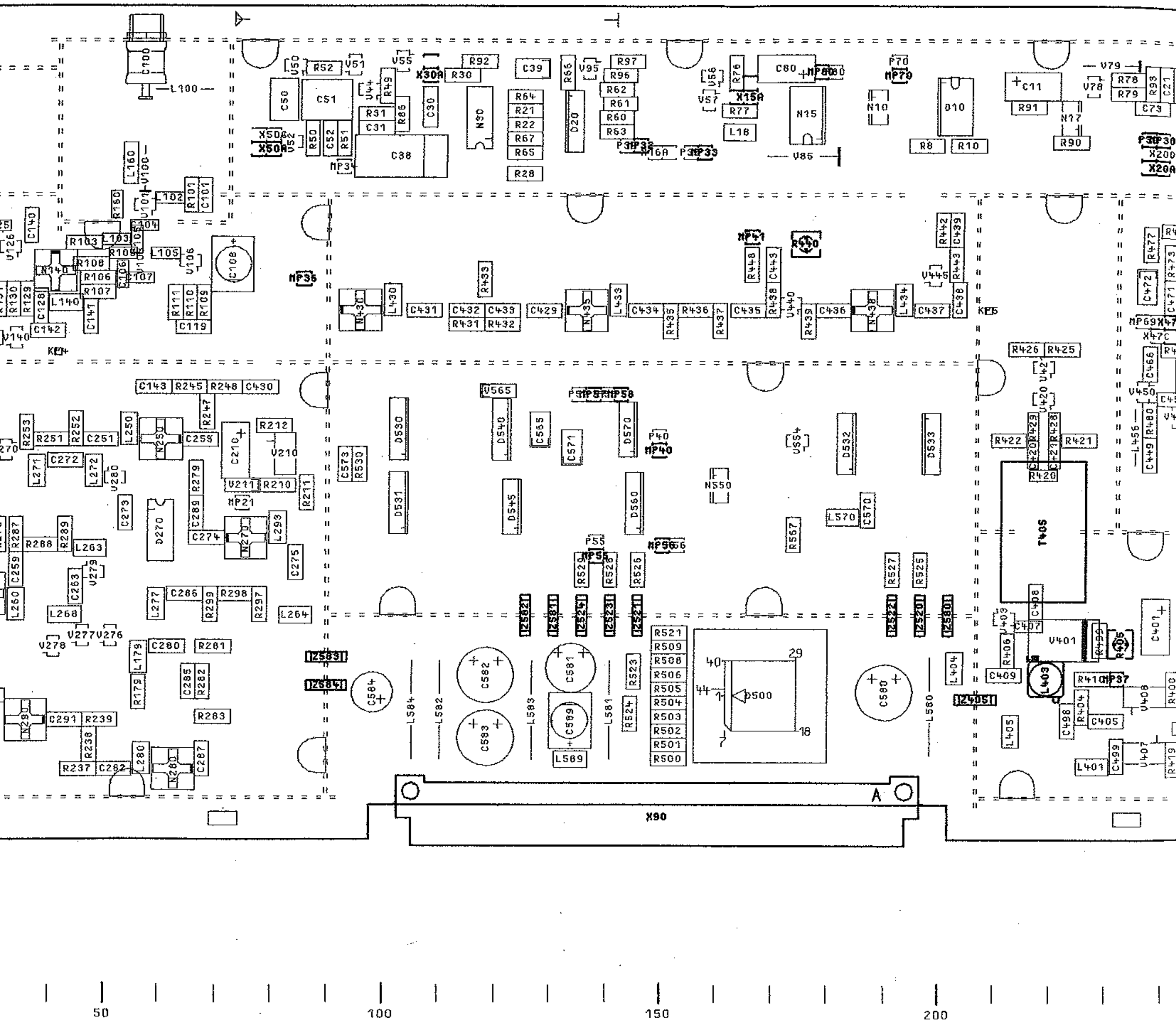
FOR BINDING INFORMATION ON MODELS, TRIMMING AND COMPONENTS VALUES AND NONFITTED COMPONENTS SEE PARTS LIST.

DIESE ZEICHNUNG IST EIN RECHNERAUSDRUCK, AENDERUNGEN WERDEN NUR DURCH AENDERN DES DATENSATZES ERFOLGEN
FUER DIESE ZEICHNUNG BEHALTEN WIR UNS ALLE RECHTE VOR.



09/12	48754	11.02.94	HO	1GPK	TAG	NAME	BENENNUNG
		12.96	Ho	BEARB.		HO	SUMMIERSCHLEIFE
				GEPR.		HO	SUMMING-LOOPS
				NORM			Z
				PLOTT	07.04.94		
/							ZEICHN.-NR.
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ROHDE&SCHWARZ			1038.7196.01 EE
				ZU GERAET	SME		BLATT-NR. 1+
							ERS.T.V. 1038.6002 ERSTE Z.

7 8 9 10 11



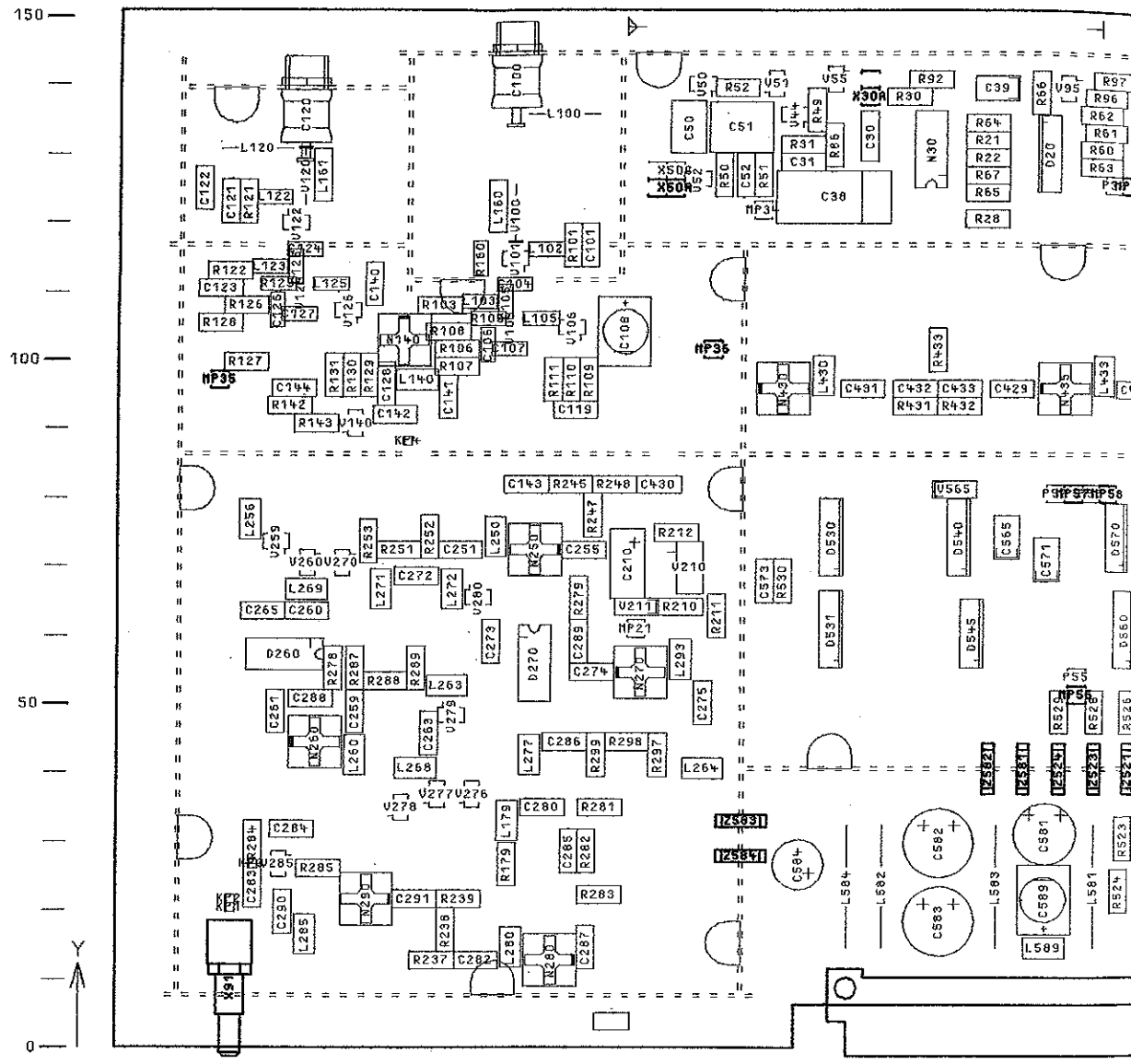
BINDENDE ANGABEN UEBER VARIANTEN,
TRIMMWERTE, BAUTEILWERTE UND
NICHT BESTUECKTE BAUTEILE SIEHE SA.

FOR BINDING INFORMATION ON MODELS,
TRIMMING AND COMPONENTS VALUES AND
NONFITTED COMPONENTS SEE PARTS LIST.

: EGB!
CH GEFAEHRDETE
ERFORDERN EINE
HANDHABUNG.
N ESD!
SENSITIVE DEVICES
ECIAL HANDLING

09/	48754
12	
/	
AEND. IND.	AENDERUNGS-MITTEILUNG

4 5 6 7 8 9



DARSTELLUNG SEITE B

VIEW ON SIDE B

ACHTUNG: EGB!
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD!
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING

BINDENDE ANGABEN UEBER VARIANTEN, TRIMMWERTE, BAUTEILWERTE UND NICHT BESTUECKTE BAUTEILE SIEHE SA.

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DIESE ZEICHNUNG IST EIN RECHNERAUSDRUCK, RENDERUNGEN KOENNEN NUR DURCH RENDERN DES DATENSATZES ERFOLGEN
FUER DIESE ZEICHNUNG BEHALTEN WIR UNS ALLE RECHTE VOR.