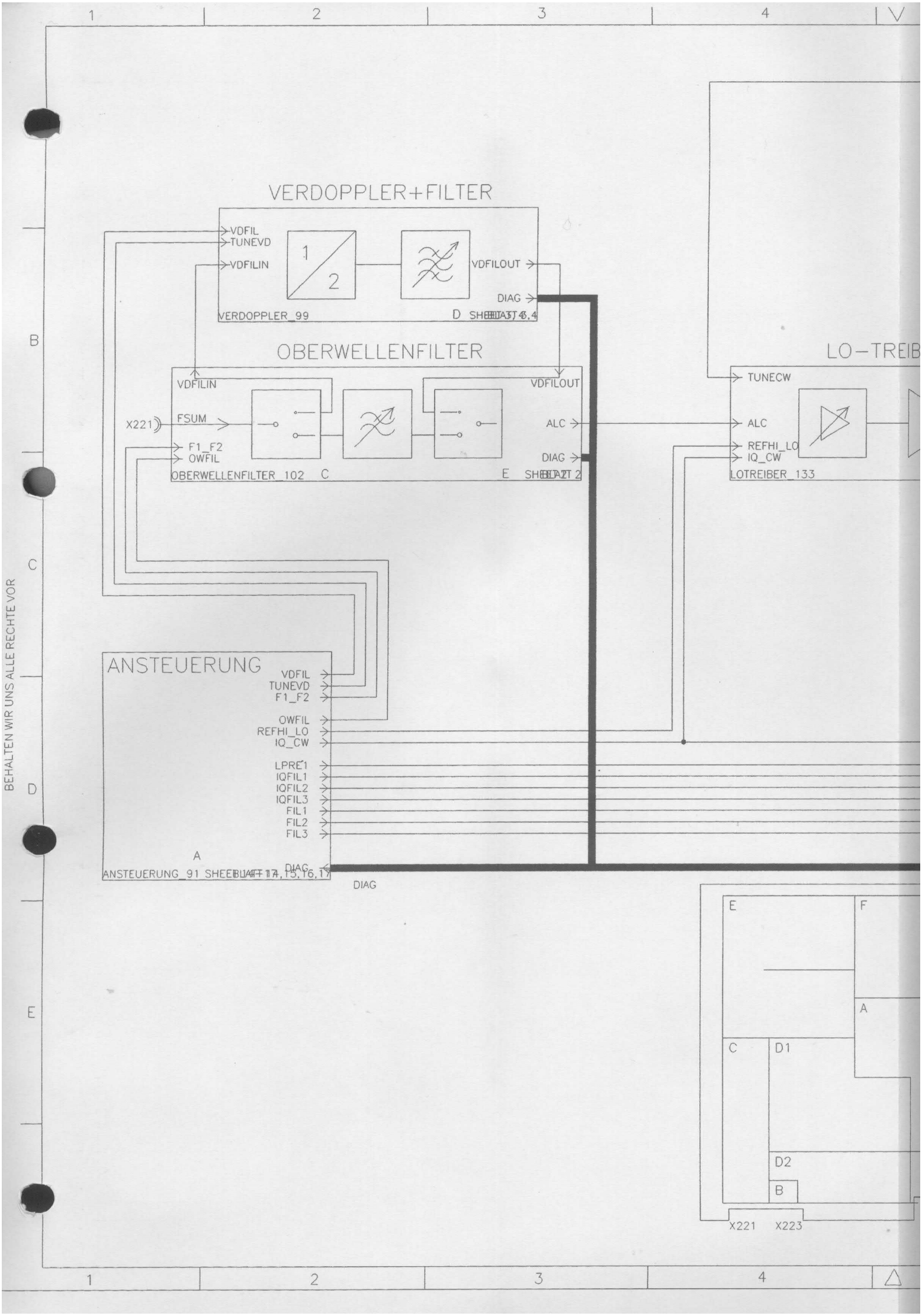
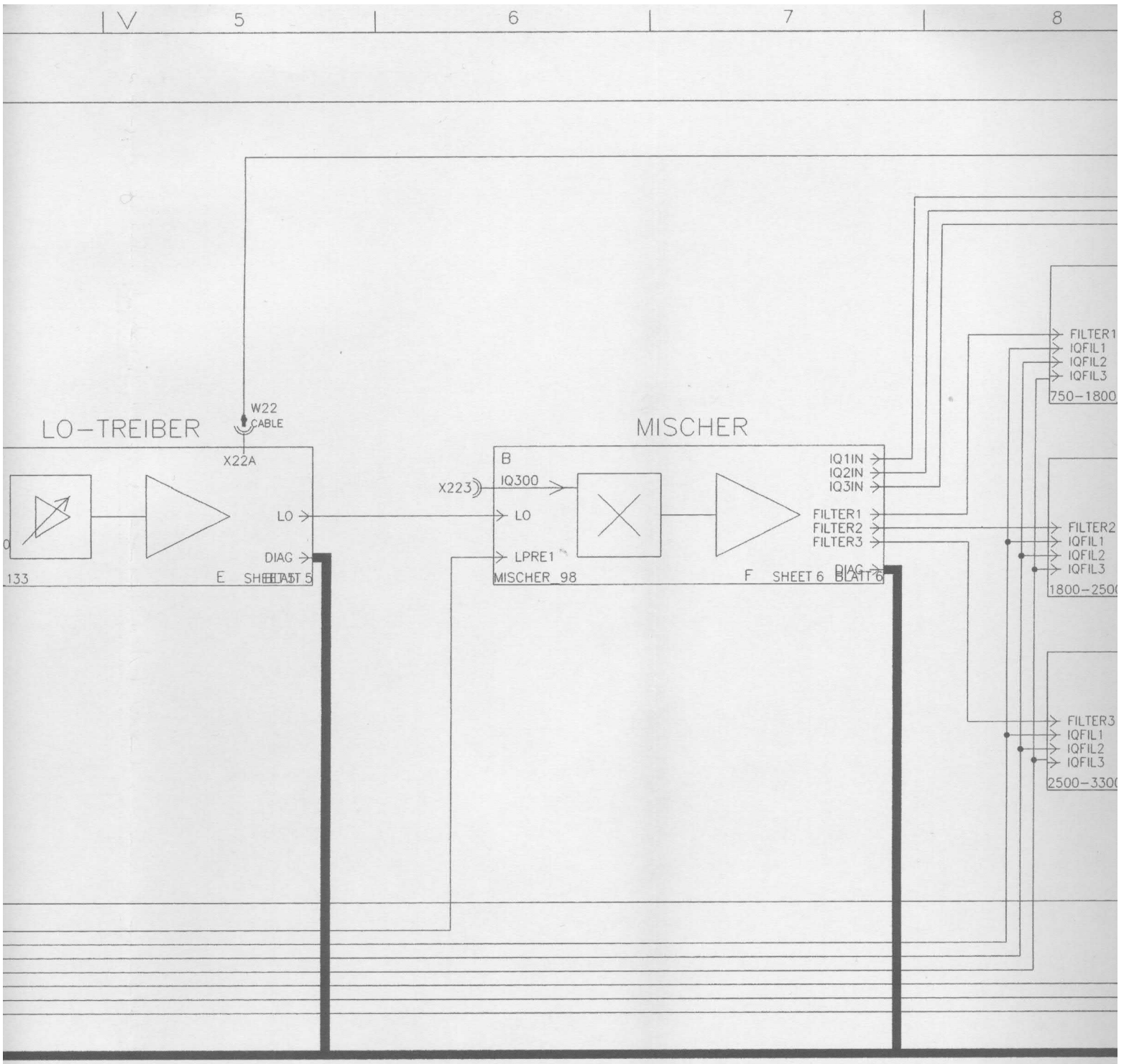
ROHDE&SCHWARZ

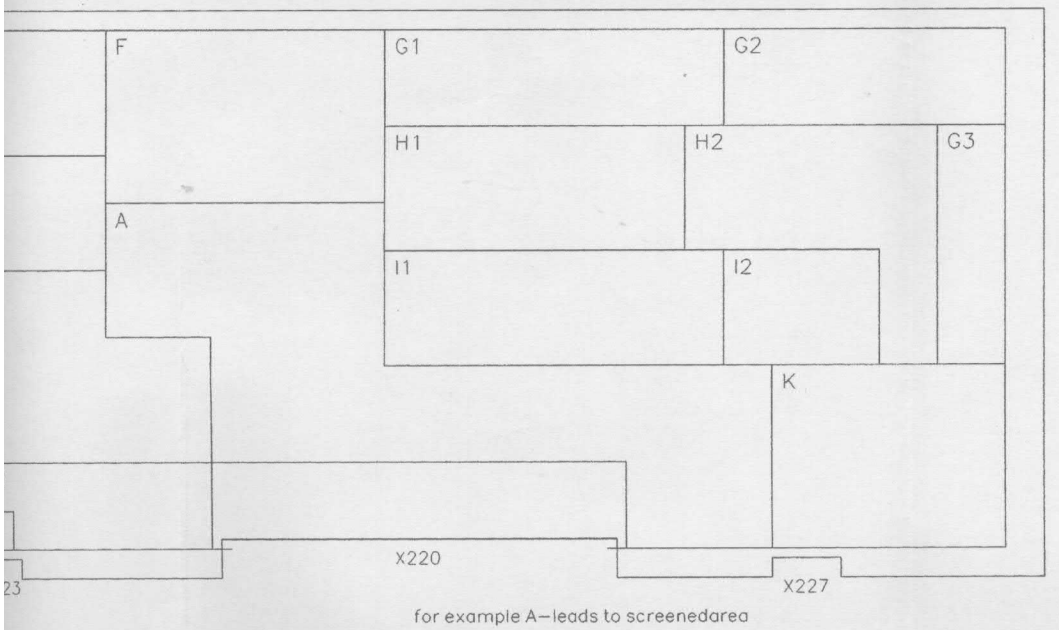
SERVICE INSTRUCTIONS

IQ-CONVERTER MODULE

1084.9300.02


VERDOPPLER+FILTER
VDFIL
TUNEVD
VDFILIN
1
2
VDFILOUT
DIAG
VERDOPPLER_99
OBERWELLENFILTER
VDFILIN
VDFILOUT
X221
FSUM
F1_F2
OWFIL
ALC
DIAG
OBERWELLENFILTER_102
LO-TREIB
TUNECW
ALC
REFHI_LO
IQ_CW
LOTREIBER_133
ANSTEUERUNG
VDFIL
TUNEVD
F1_F2
OWFIL
REFHI_LO
IQ_CW
LPRE1
IQFIL1
IQFIL2
IQFIL3
FIL1
FIL2
FIL3
DIAG
ANSTEUERUNG_91
DIAG
BEHALTEN WIR UNS ALLE RECHTE VOR
X221
X223



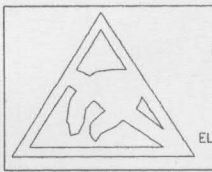


for example A-leads to screenedarea

** = NOT FITTED

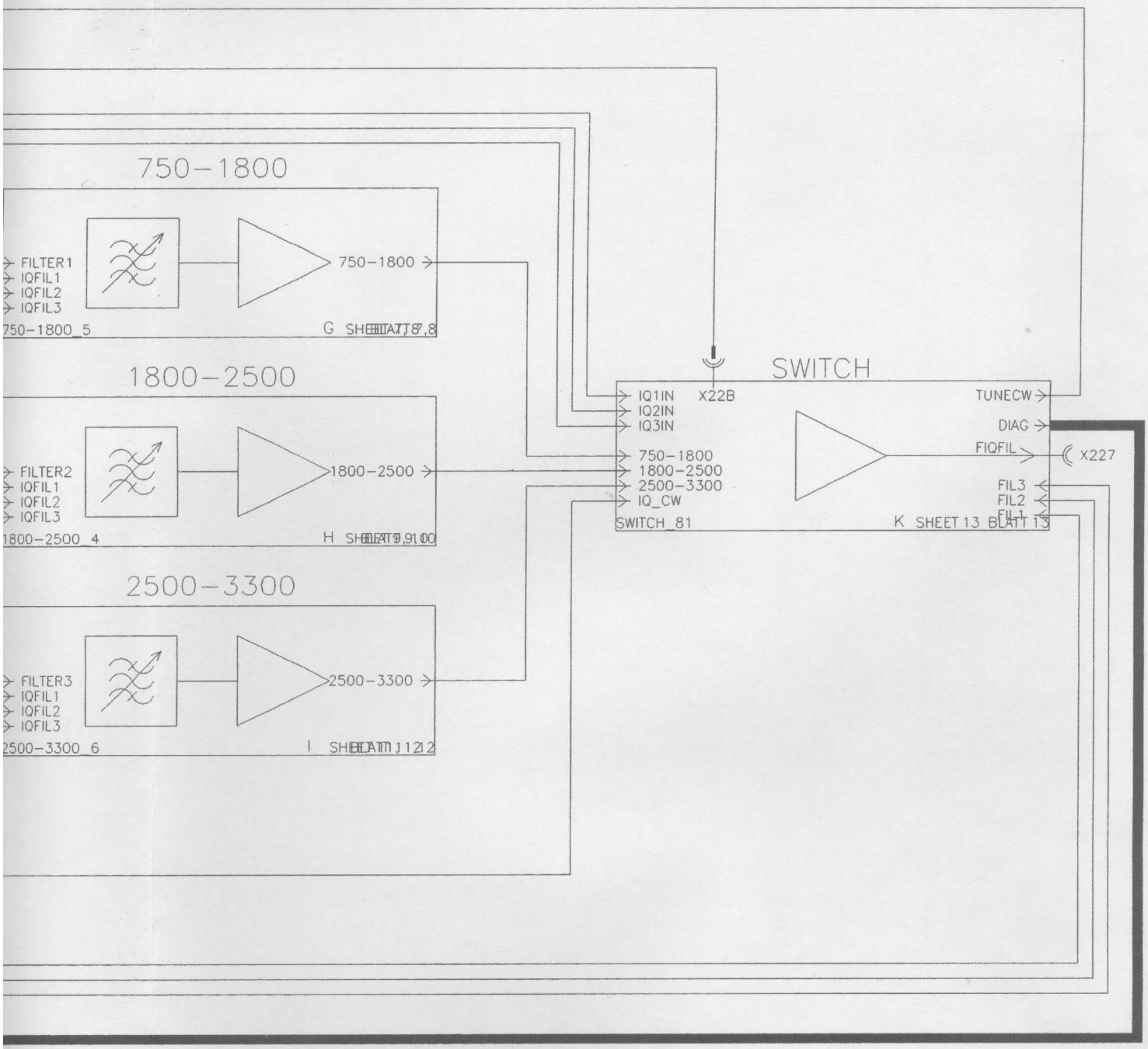
Bindende Angaben ueber Varianten, Trimmwerte, Bauteile und nicht bestueckte Bauteile siehe SA.

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



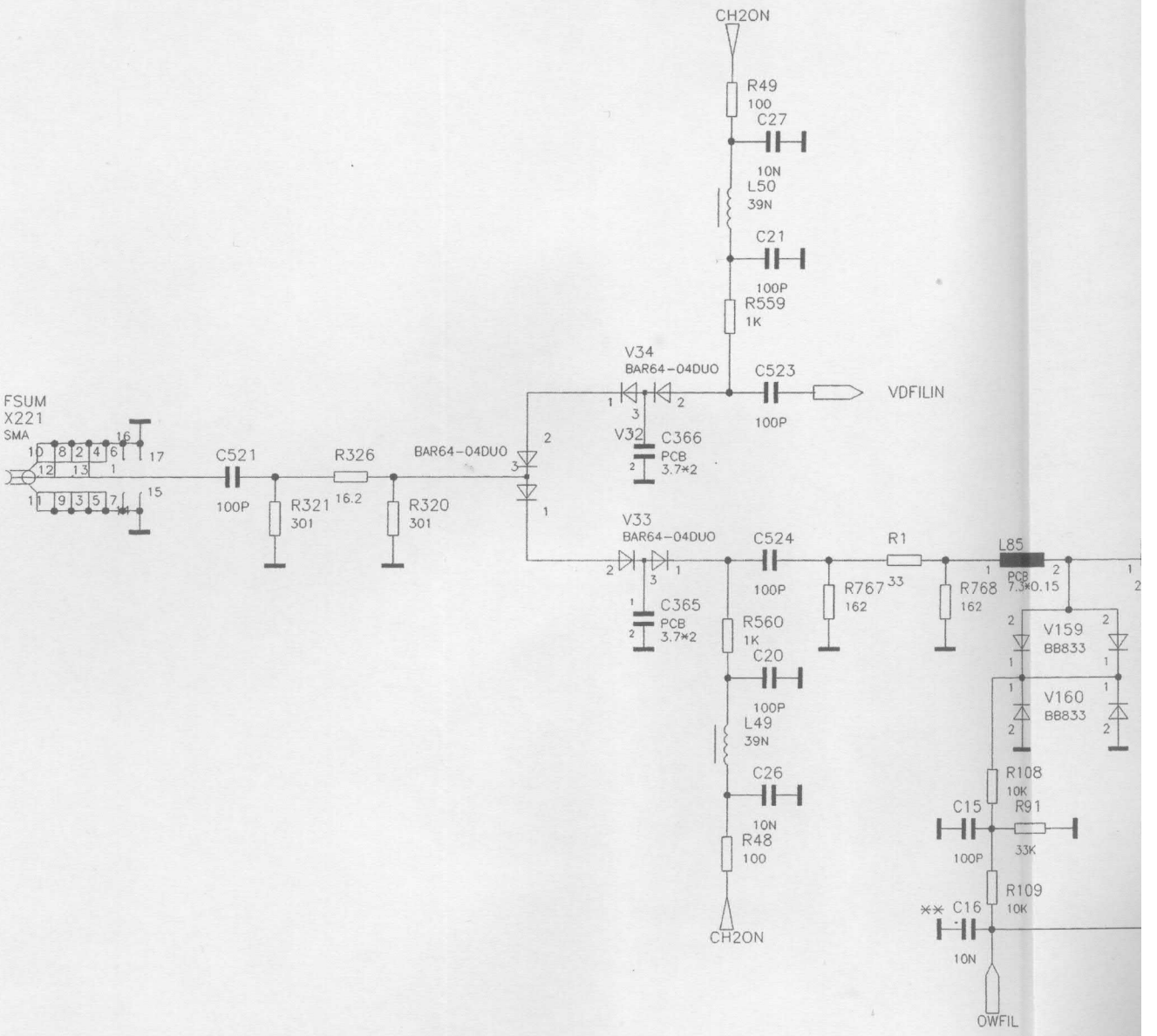
ACHTUNG: EGB !
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.

ATTENTION ESD !
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING



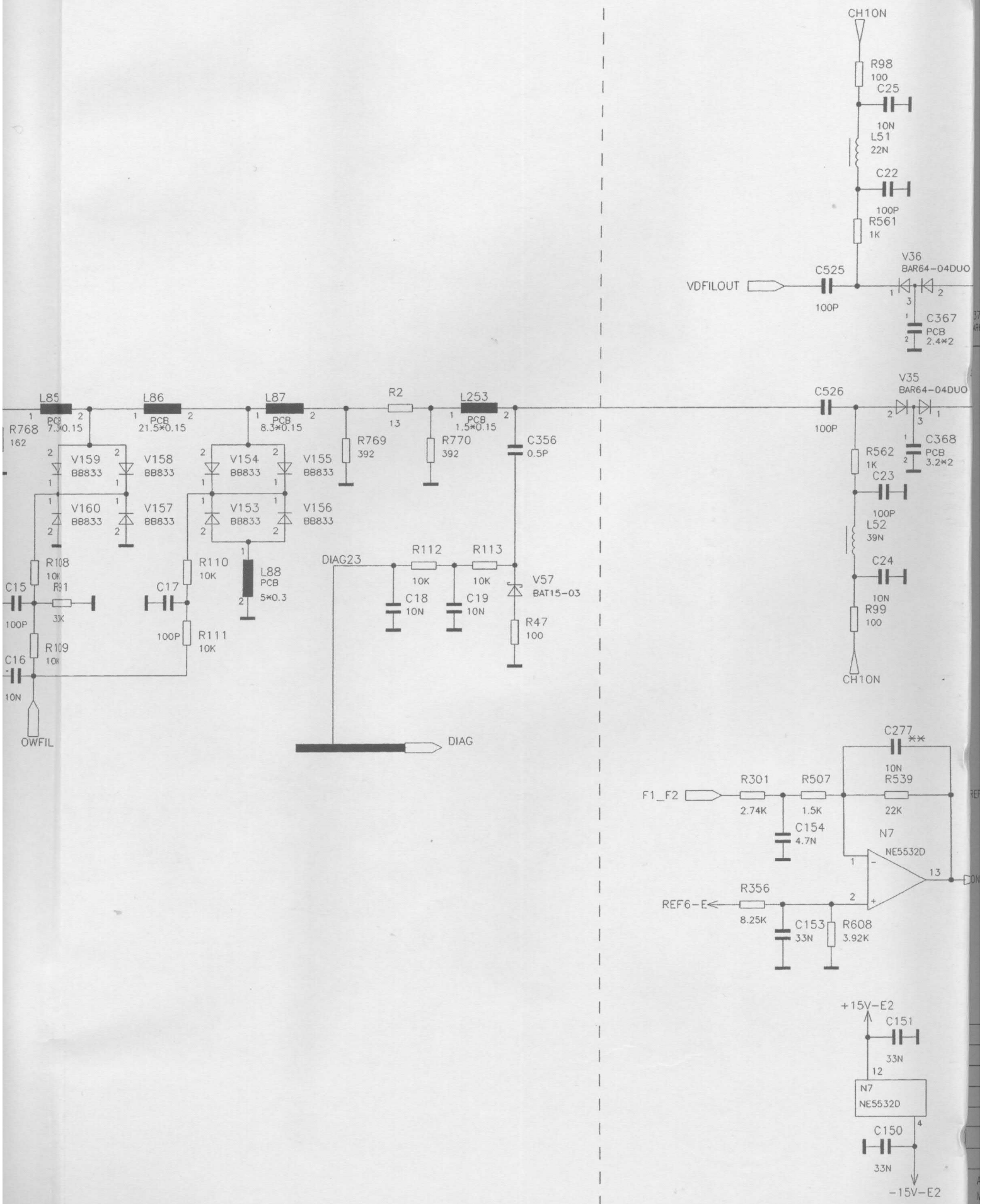
04.04				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.			IQ-CONVERTER
				NORM			TOP/TOP.1
				PLOTT	99-02-02	BHOFBERGE	
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

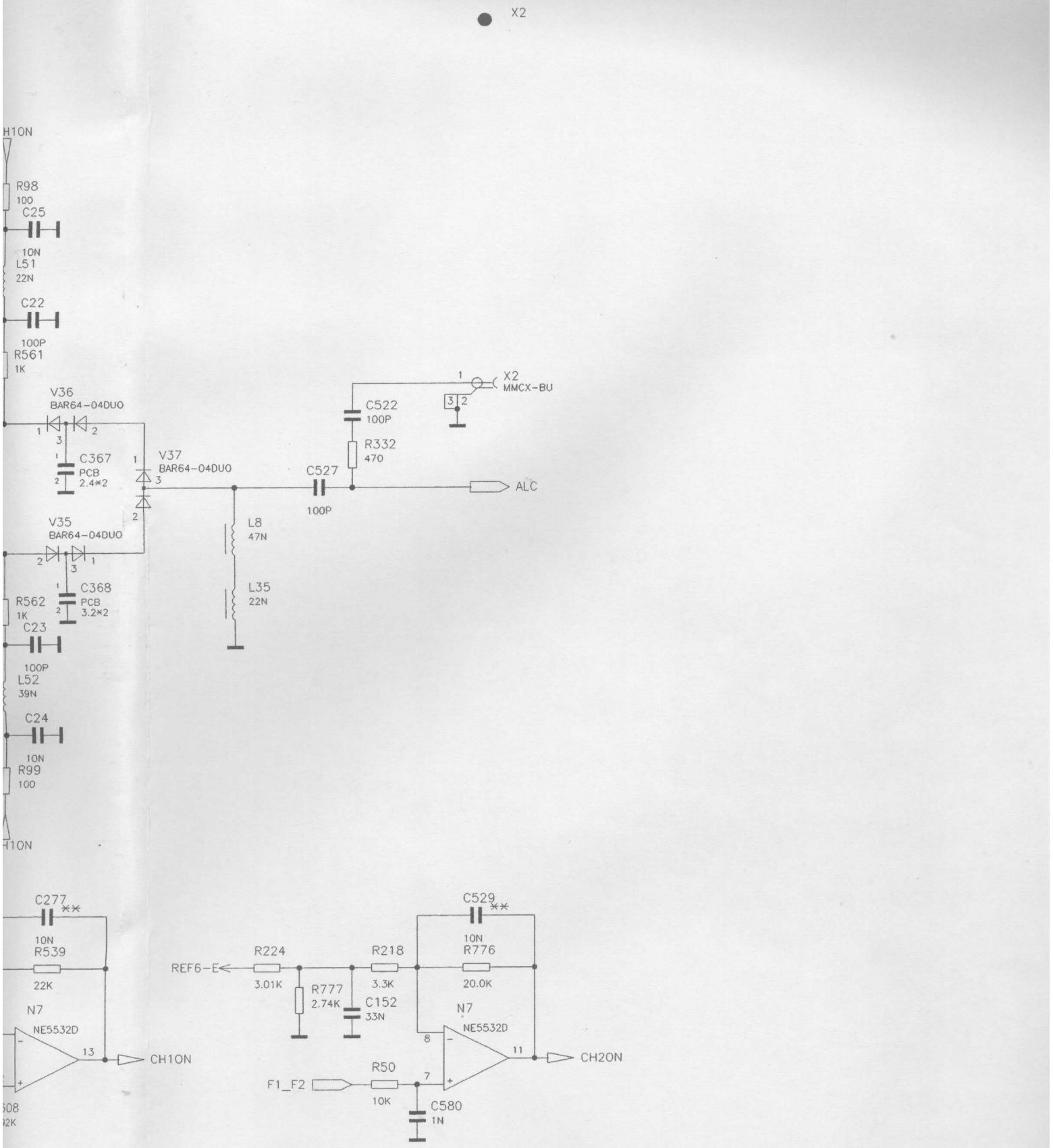
BLATT-NR. 1 +


CH2ON
R49
100
C27
10N
L50
39N
C21
100P
R559
1K
V34
BAR64-04DUO
C523
100P
VDFILIN
FSUM
X221
SMA
V32
C366
PCB
3.7*2
C521
100P
R326
R321
301
16.2
R320
301
BAR64-04DUO
V33
BAR64-04DUO
C524
100P
R1
L85
PCB
7.5*0.15
R767
33
162
R768
162
C365
PCB
3.7*2
R560
1K
C20
100P
L49
39N
C26
10N
R48
100
CH2ON
V159
BB833
V160
BB833
R108
10K
C15
100P
R91
33K
R109
10K
** C16
10N
OWFIL

OBERWELLENFILTER

E





** = NOT FITTED

AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME
04.04			

	DATUM	NAME
1GPK		
BEARB.		BU
GEPR.		
NORM		
PLOTT	99-02-02	BHOFBERGE

BENENNUNG

IQ-CONVERTER

IQ-CONVERTER

TOP/OBERWELLENFILTER_102/OBERWELLENFILTER.1

ROHDE&SCHWARZ

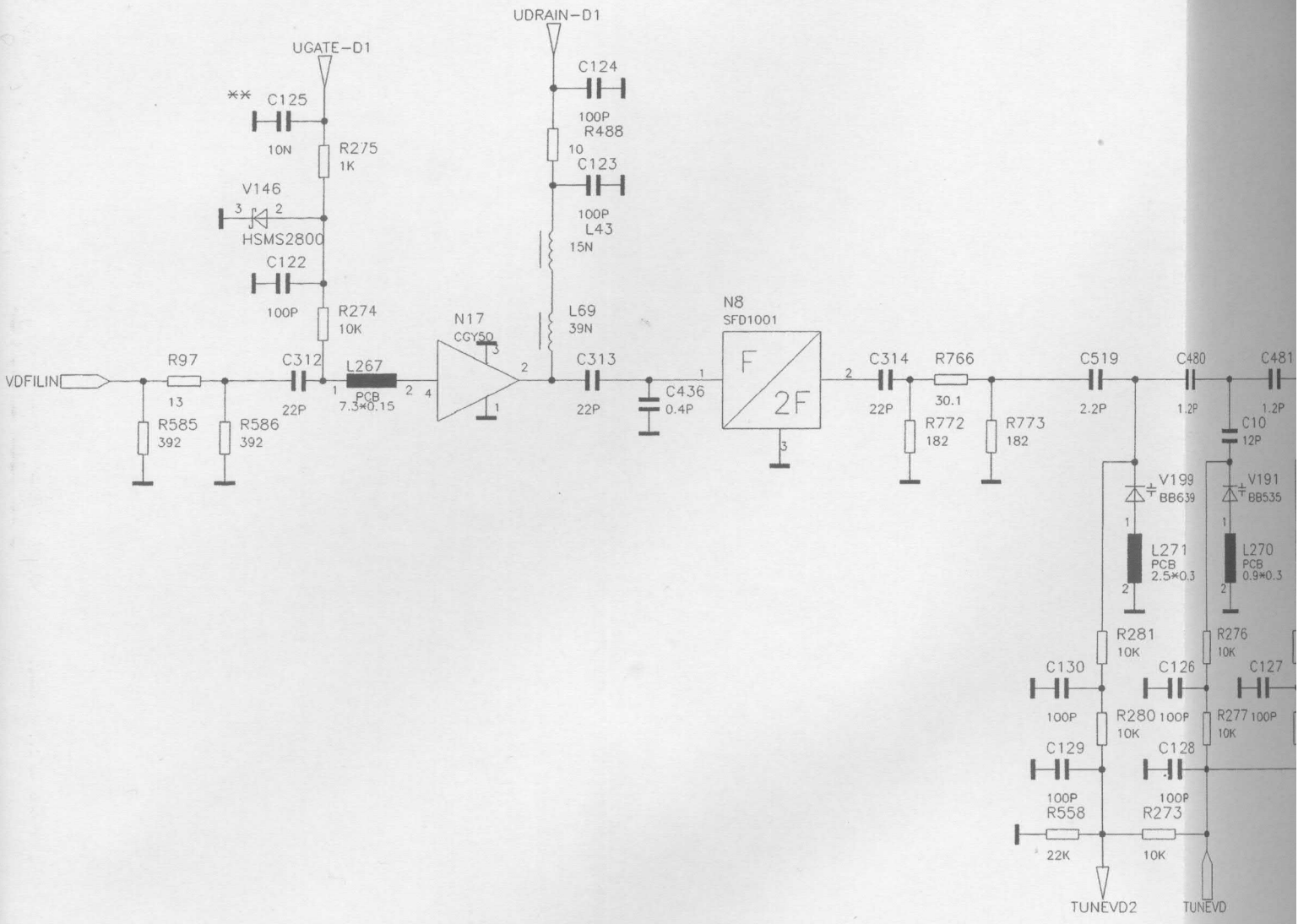
ZEICHN.-NR. 1084.9300.01 S

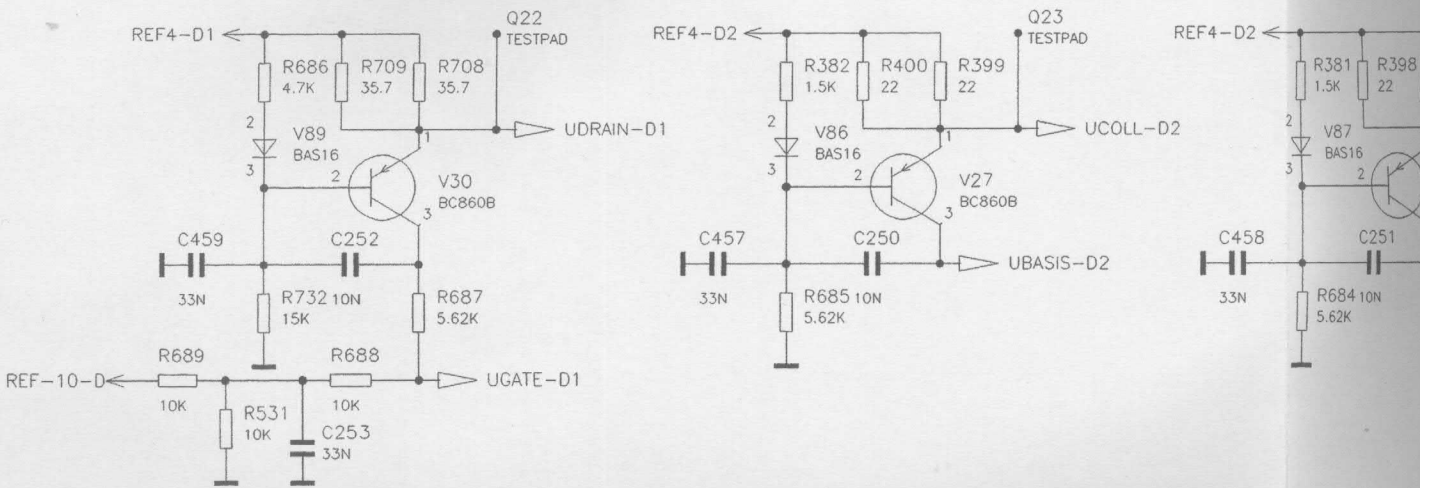
BLATT-NR 2 +

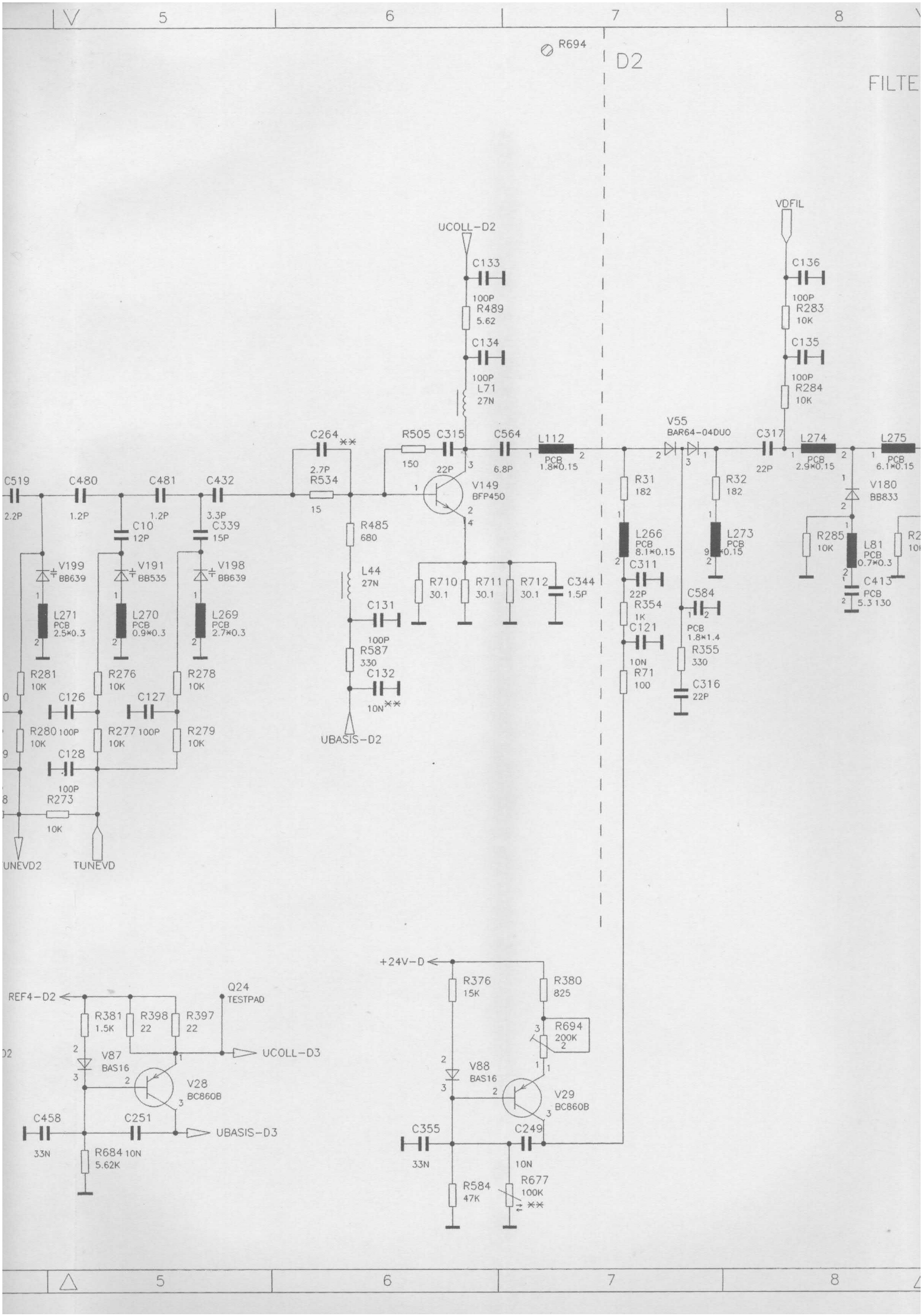
ZU GERAET SMIQ | REG.I.V. 1084.8004 | ERSTE Z. 1084.8004.01

D1

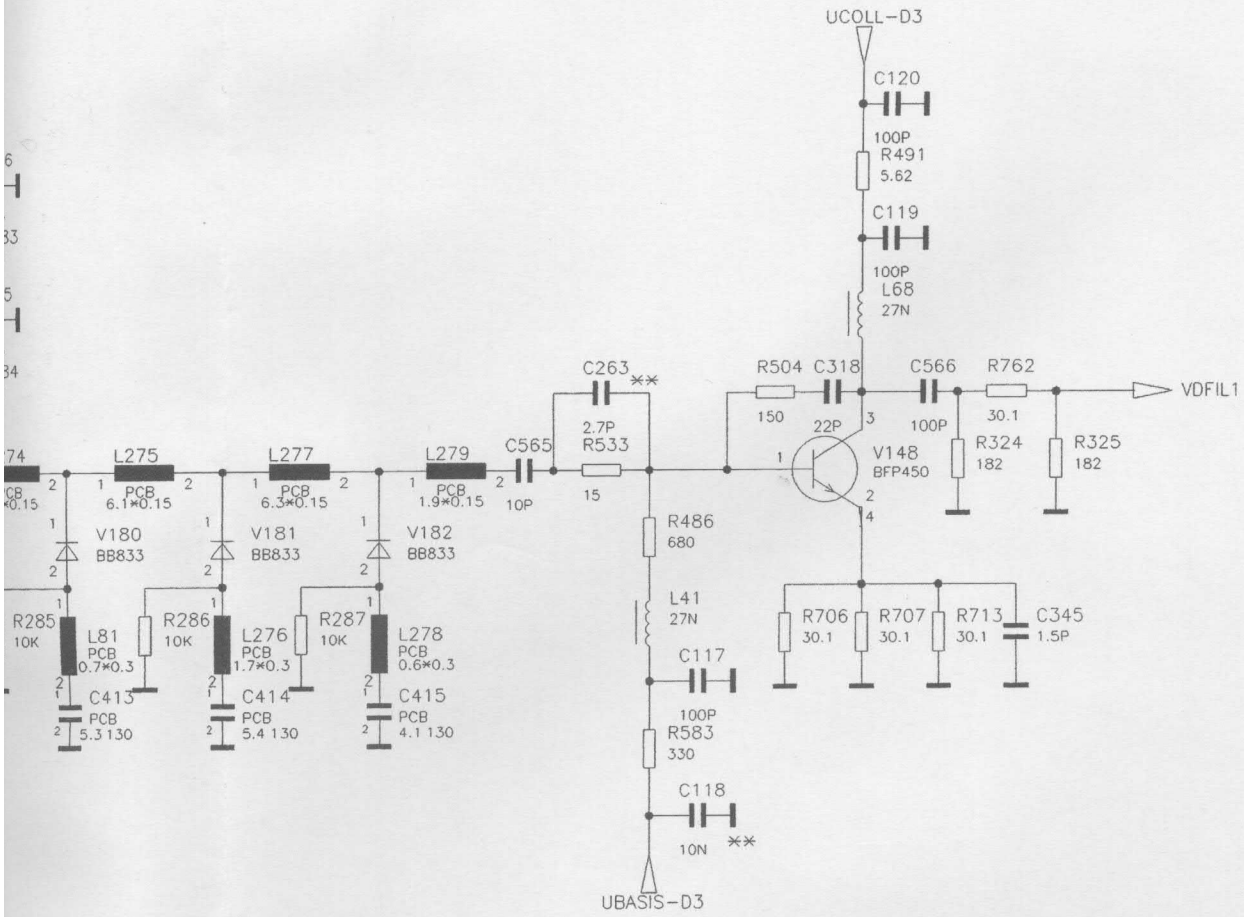
VERDOPPLER






5
6
7
8
D2
FILTE
R694
UCOLL-D2
C133
100P
R489
5.62
C134
100P
L71
27N
C264
2.7P
R534
15
R505
150
C315
22P
C564
6.8P
L112
PCB
1.8*0.15
V149
BFP450
R485
680
L44
27N
C131
100P
R587
330
C132
10N
UBASIS-D2
R710
30.1
R711
30.1
R712
30.1
C344
1.5P
VDFIL
C136
100P
R283
10K
C135
100P
R284
10K
V55
BAR64-04DUO
C317
22P
L274
PCB
2.9*0.15
L275
PCB
6.1*0.15
V180
BB833
R285
10K
L81
PCB
0.7*0.3
C413
PCB
5.3 130
R31
182
R32
182
L266
PCB
8.1*0.15
L273
PCB
*0.15
C311
22P
R354
1K
C121
10N
R71
100
C584
PCB
1.8*1.4
R355
330
C316
22P
C519
2.2P
C480
1.2P
C481
1.2P
C432
3.3P
C10
12P
C339
15P
V199
BB639
V191
BB535
V198
BB639
L271
PCB
2.5*0.3
L270
PCB
0.9*0.3
L269
PCB
2.7*0.3
R281
10K
R276
10K
R278
10K
C126
100P
C127
100P
R280
10K
R277
10K
R279
10K
C128
100P
R273
10K
UNEVD2
TUNEVD
REF4-D2
Q24
TESTPAD
R381
1.5K
R398
22
R397
22
V87
BAS16
V28
BC860B
UCOLL-D3
C458
33N
C251
UBASIS-D3
R684
5.62K
+24V-D
R376
15K
R380
825
R694
200K
V88
BAS16
V29
BC860B
C355
33N
C249
10N
R584
47K
R677
100K

FILTER

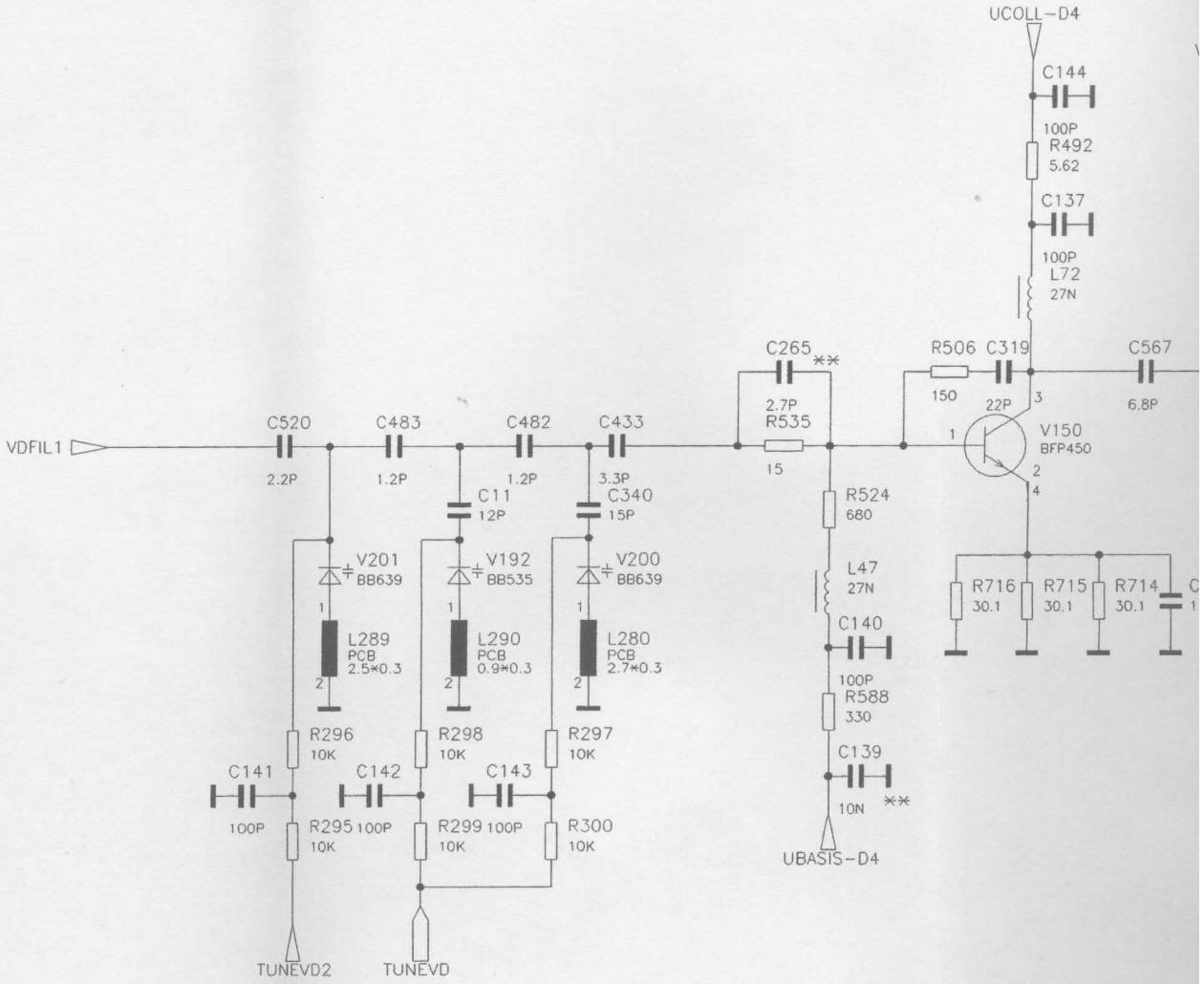


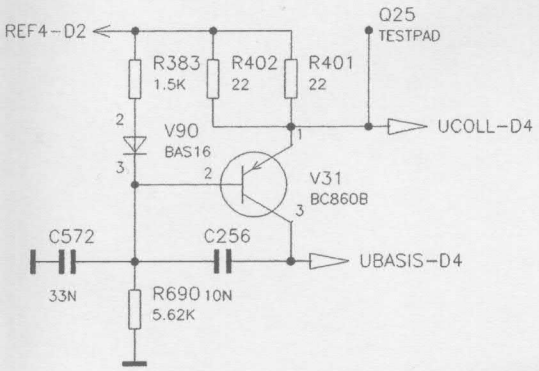
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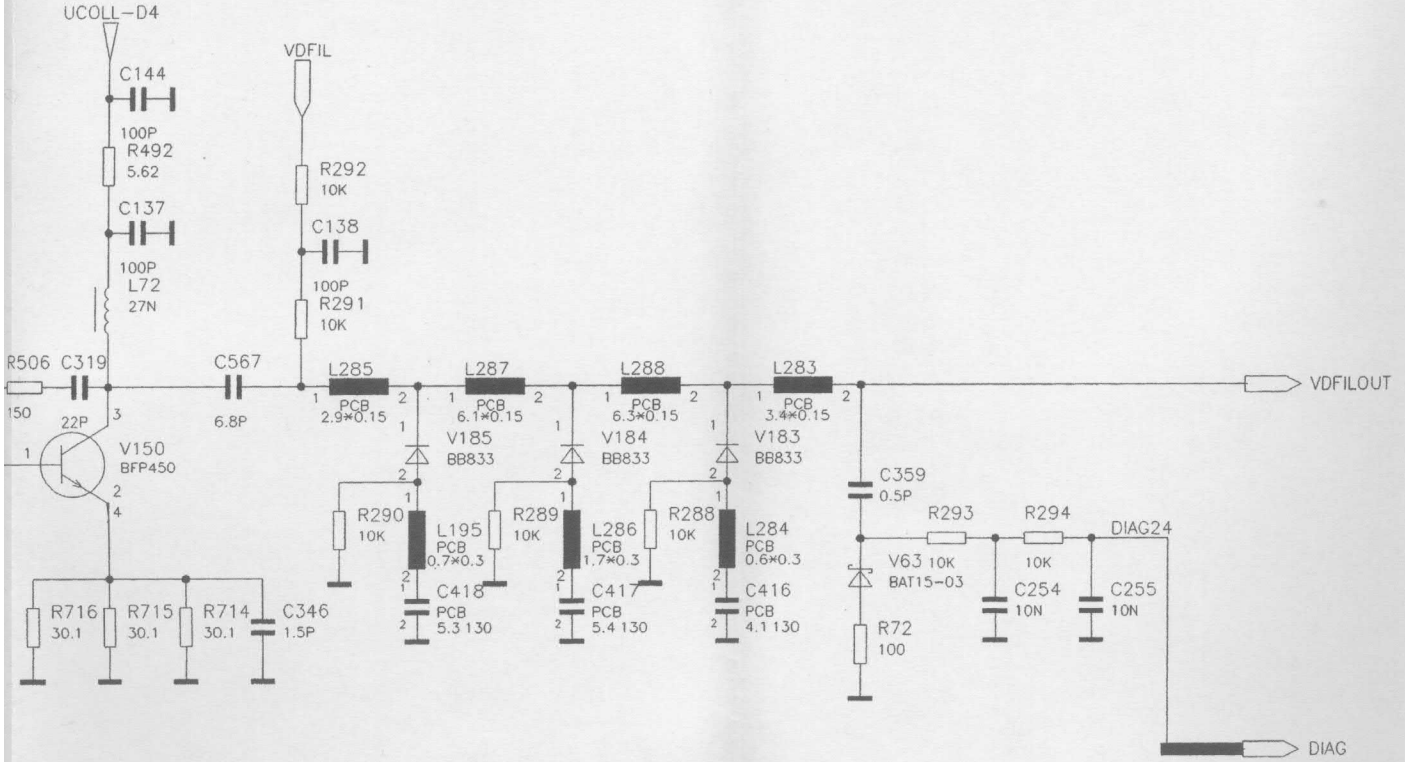
04.04				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.			IQ-CONVERTER
				NORM			
				PLOTT	99-02-02	BUOFBERGE	TOP/VERDOPPLER_99/VERDOPPLER.1
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

BLATT- 3

FILTER


UCOLL-D4
C144
100P
R492
5.62
C137
100P
L72
27N
C265 **
2.7P
R535
15
R506 C319
150 22P
C567
6.8P
V150
BFP450
VDFIL1
C520 C483 C482 C433
2.2P 1.2P 1.2P 3.3P
C11 12P
C340 15P
V201 BB639
V192 BB535
V200 BB639
L289 PCB 2.5*0.3
L290 PCB 0.9*0.3
L280 PCB 2.7*0.3
R524 680
L47 27N
C140 100P
R588 330
C139 10N **
UBASIS-D4
R716 30.1
R715 30.1
R714 30.1
R296 10K
R298 10K
R297 10K
C141 C142 C143
100P 100P 100P
R295 10K
R299 10K
R300 10K
TUNEVD2
TUNEVD


REF4-D2
Q25
TESTPAD
R383 1.5K
R402 22
R401 22
V90 BAS16
UCOLL-D4
V31 BC860B
C572 33N
C256
UBASIS-D4
R690 5.62K 10N



04.04	
AEND. IND.	AEN MIT

VDFILOUT

DIAG

** = NOT FITTED

AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME
04.04			

	DATUM	NAME
1GPK		
BEARB.		BU
GEPR.		
NORM		
PLOTT	99-02-02	BHOFBERGE

ROHDE&SCHWARZ

ZU GERAET SMIQ

BENENNUNG

IQ-CONVERTER

IQ-CONVERTER

TOP/VERDOPPLER_99/VERDOPPLER.2

ZEICHN.-NR. 1084.9300.01 S

BLATT-NR 4 +

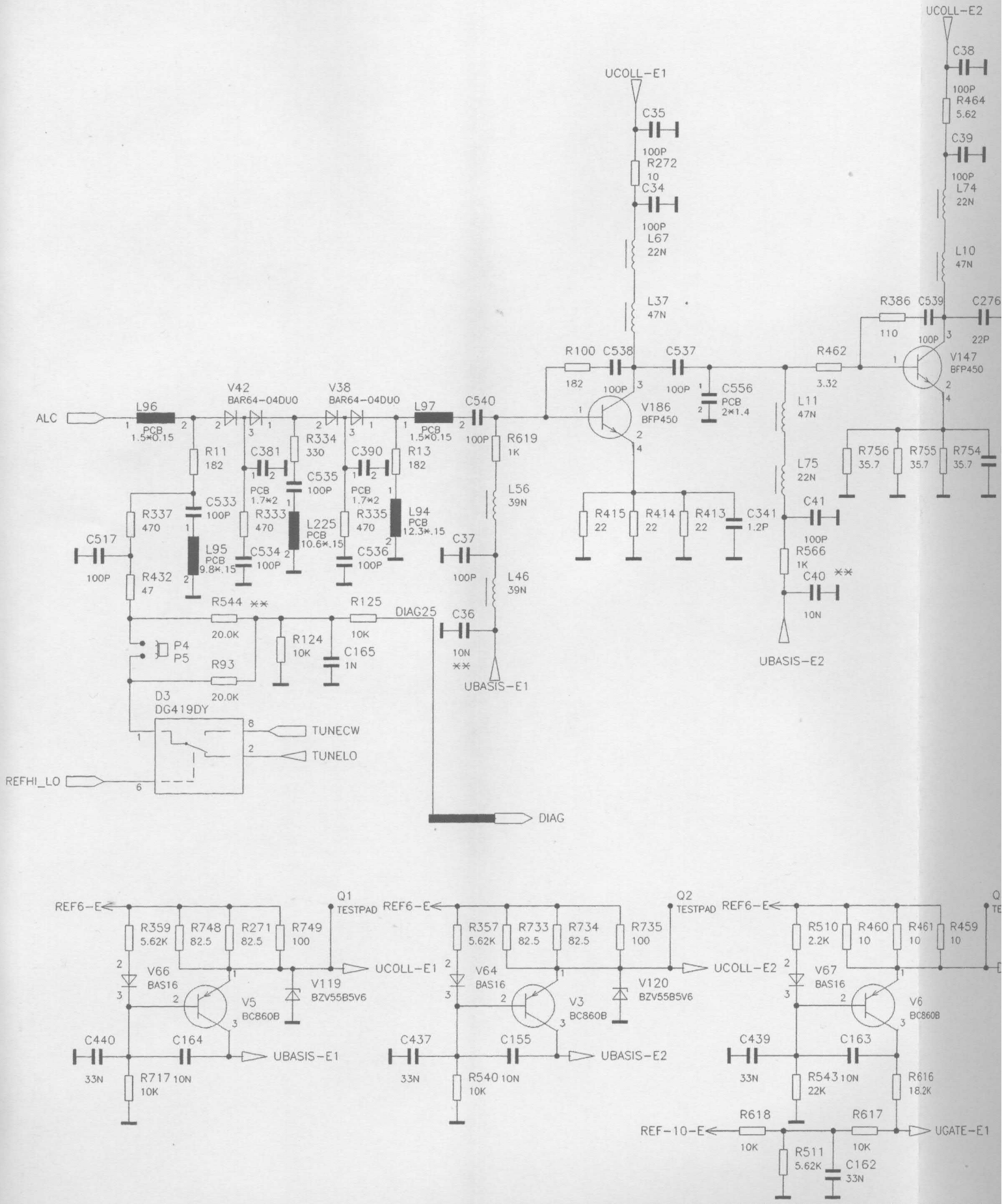
REG.I.V. 1084.8004

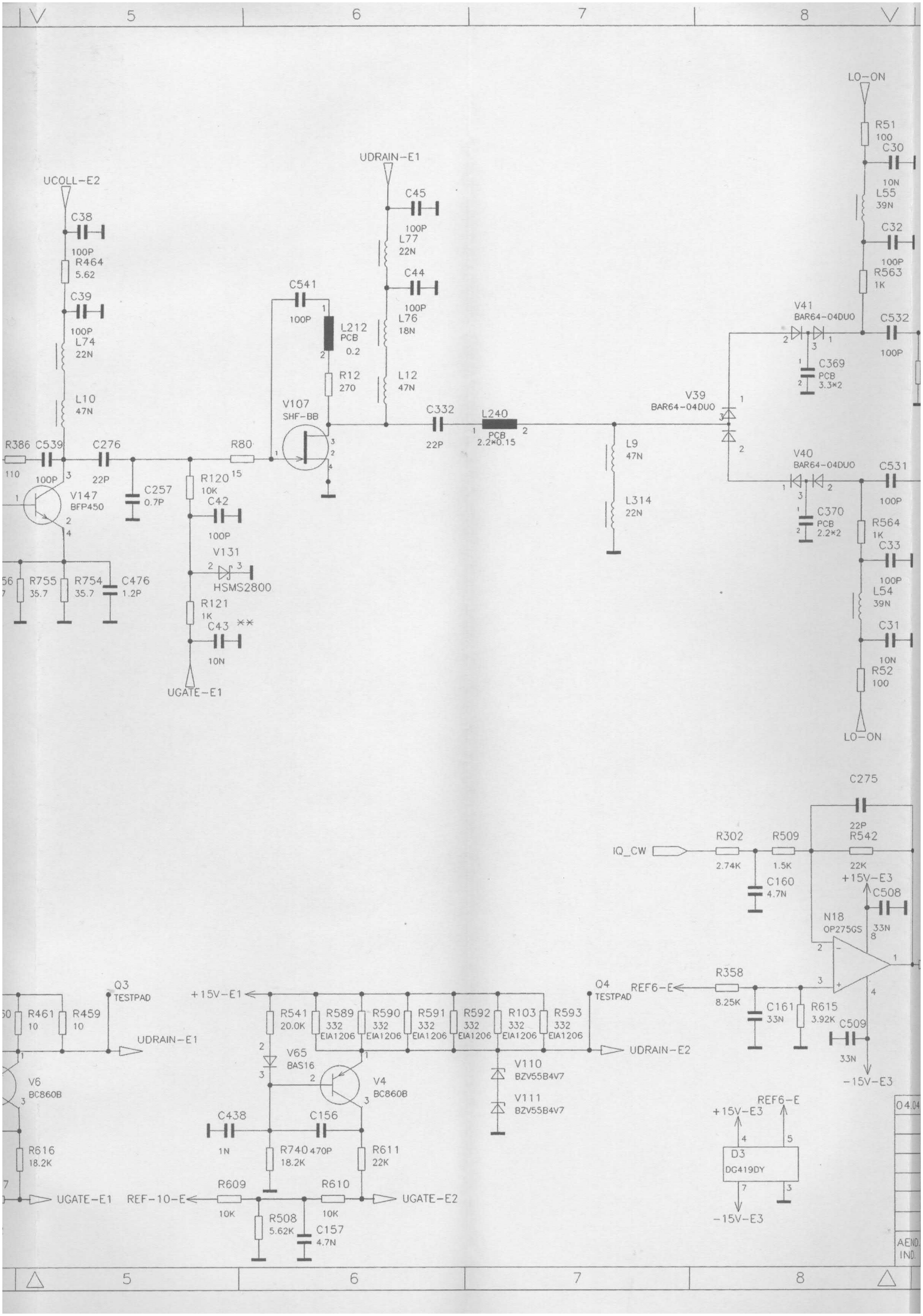
ERSTE Z. 1084.8004.01

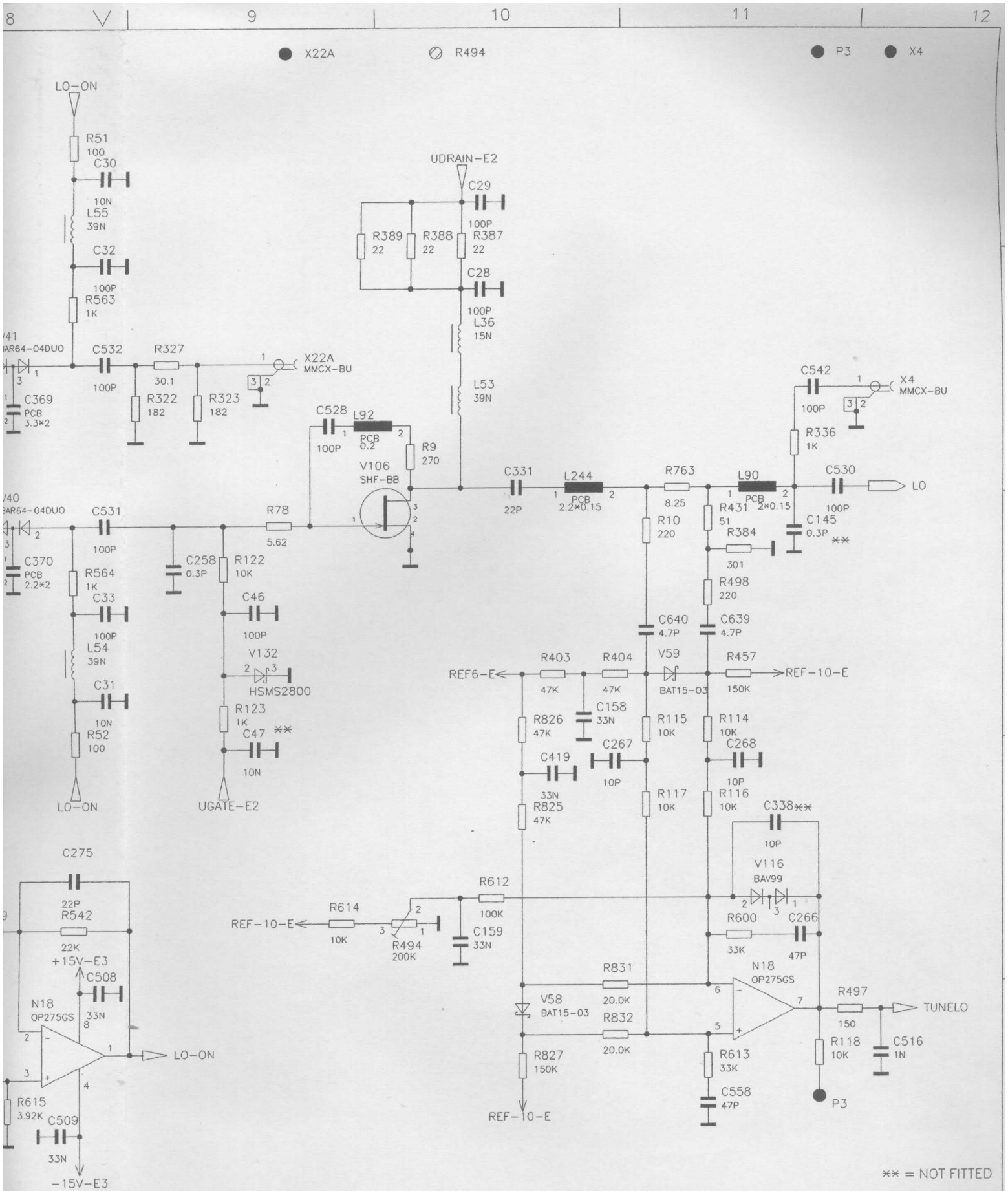
E

P4
P5

LO-TREIBER

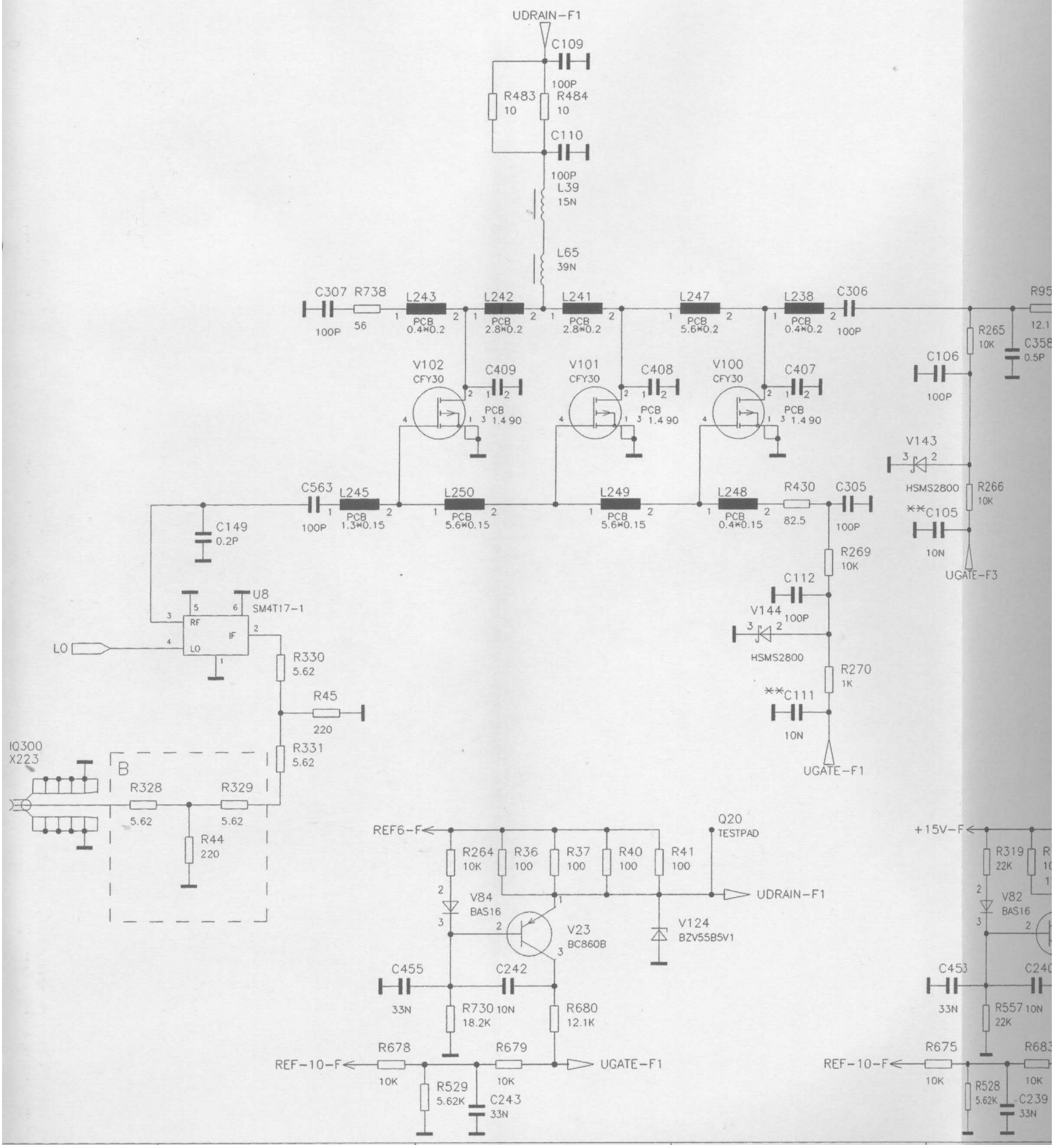



5
6
7
8
LO-ON
R51
100
C30
10N
L55
39N
C32
100P
R563
1K
V41
BAR64-04DUO
C532
100P
C369
PCB
3.3*2
V39
BAR64-04DUO
V40
BAR64-04DUO
C531
100P
C370
PCB
2.2*2
R564
1K
C33
100P
L54
39N
C31
10N
R52
100
LO-ON
UDRAIN-E1
C45
100P
L77
22N
C44
100P
L76
18N
L12
47N
C541
100P
L212
PCB
0.2
R12
270
V107
SHF-BB
C332
22P
L240
PCB
2.2*0.15
L9
47N
L314
22N
UCOLL-E2
C38
100P
R464
5.62
C39
100P
L74
22N
L10
47N
R386
110
C539
100P
C276
22P
C257
0.7P
V147
BFP450
R80
R120
10K
C42
100P
V131
HSMS2800
R121
1K
C43 **
10N
UGATE-E1
R755
35.7
R754
35.7
C476
1.2P
C275
22P
IQ_CW
R302
2.74K
R509
1.5K
R542
22K
C160
4.7N
+15V-E3
C508
33N
N18
OP275GS
R358
8.25K
C161
33N
R615
3.92K
C509
33N
-15V-E3
Q3
TESTPAD
Q4
TESTPAD
REF6-E
+15V-E1
R541
20.0K
R589
332
EIA1206
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R459
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UDRAIN-E1
V65
BAS16
V4
BC860B
V6
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V110
BZV55B4V7
V111
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C438
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C156
470P
R740
18.2K
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22K
R616
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R609
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10K
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UGATE-E2
R508
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04.04
A.END.
IND.

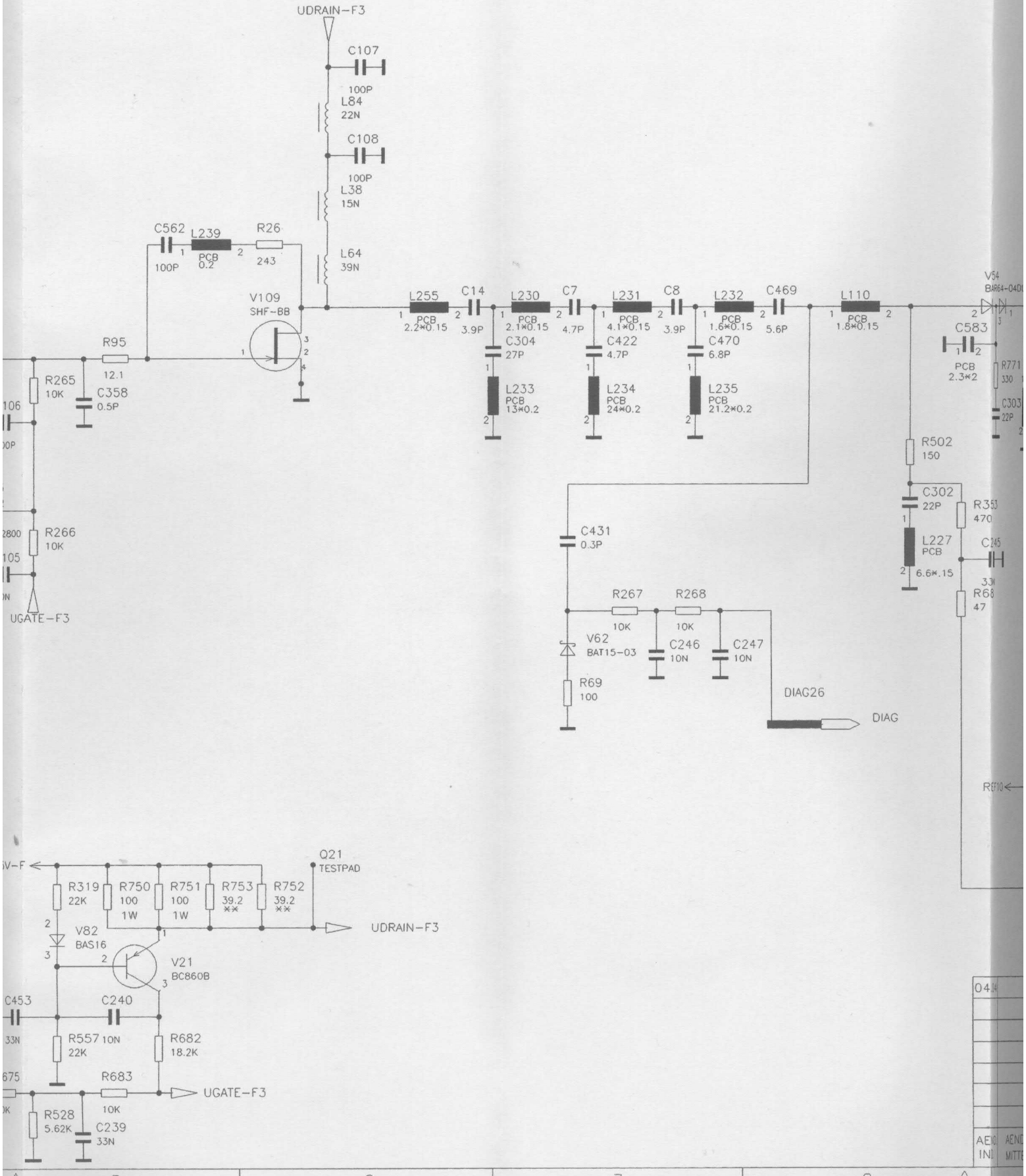


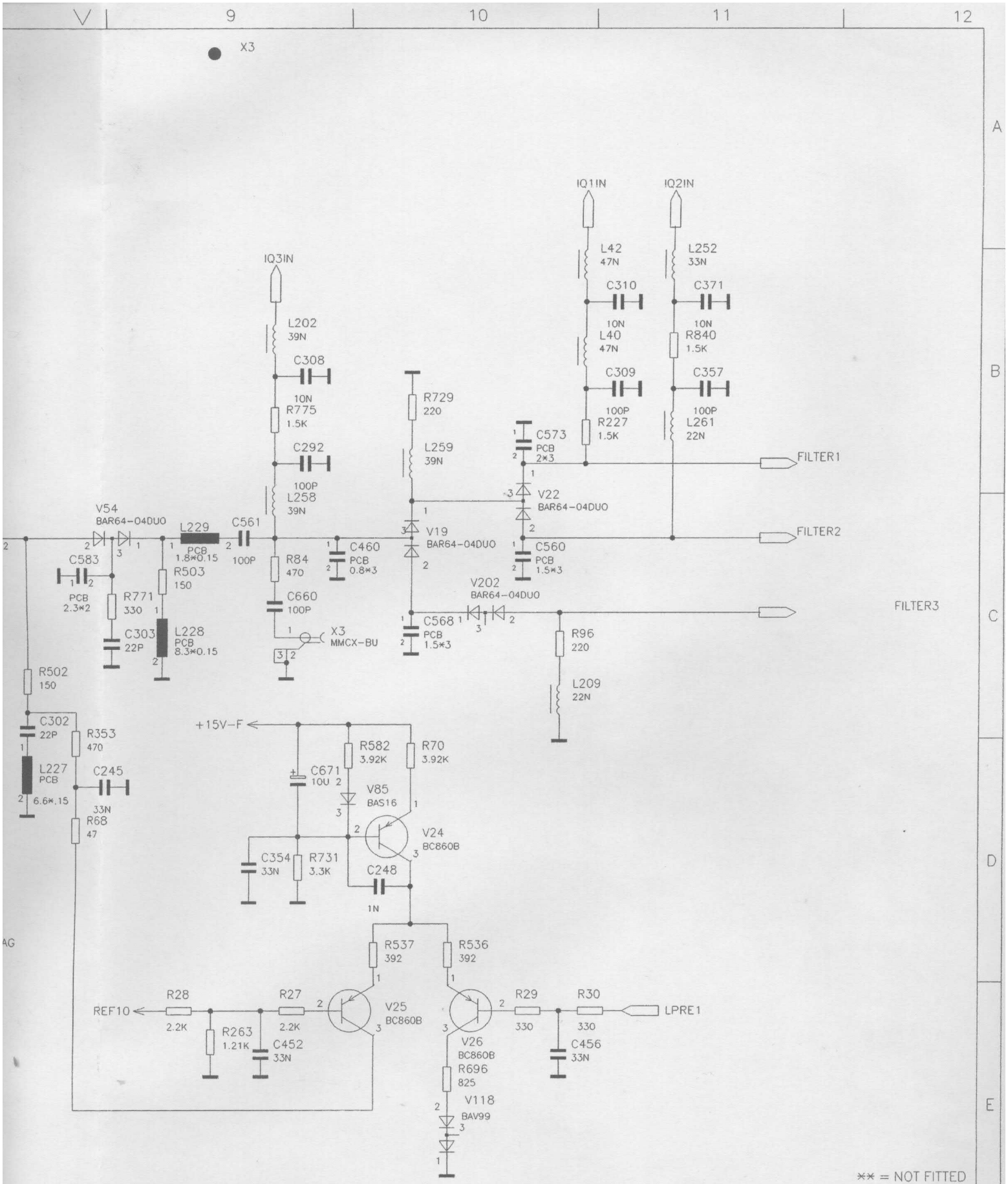
04.04				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.			IQ-CONVERTER
				NORM			
				PLOTT	99-02-02	BHOFBERGE	TOP/LOTREIBER_133/LOTREIBER.1
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
							BLATT-NR. 5 +
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

X223 F MISCHER



BREITBANDVERSTAERKER





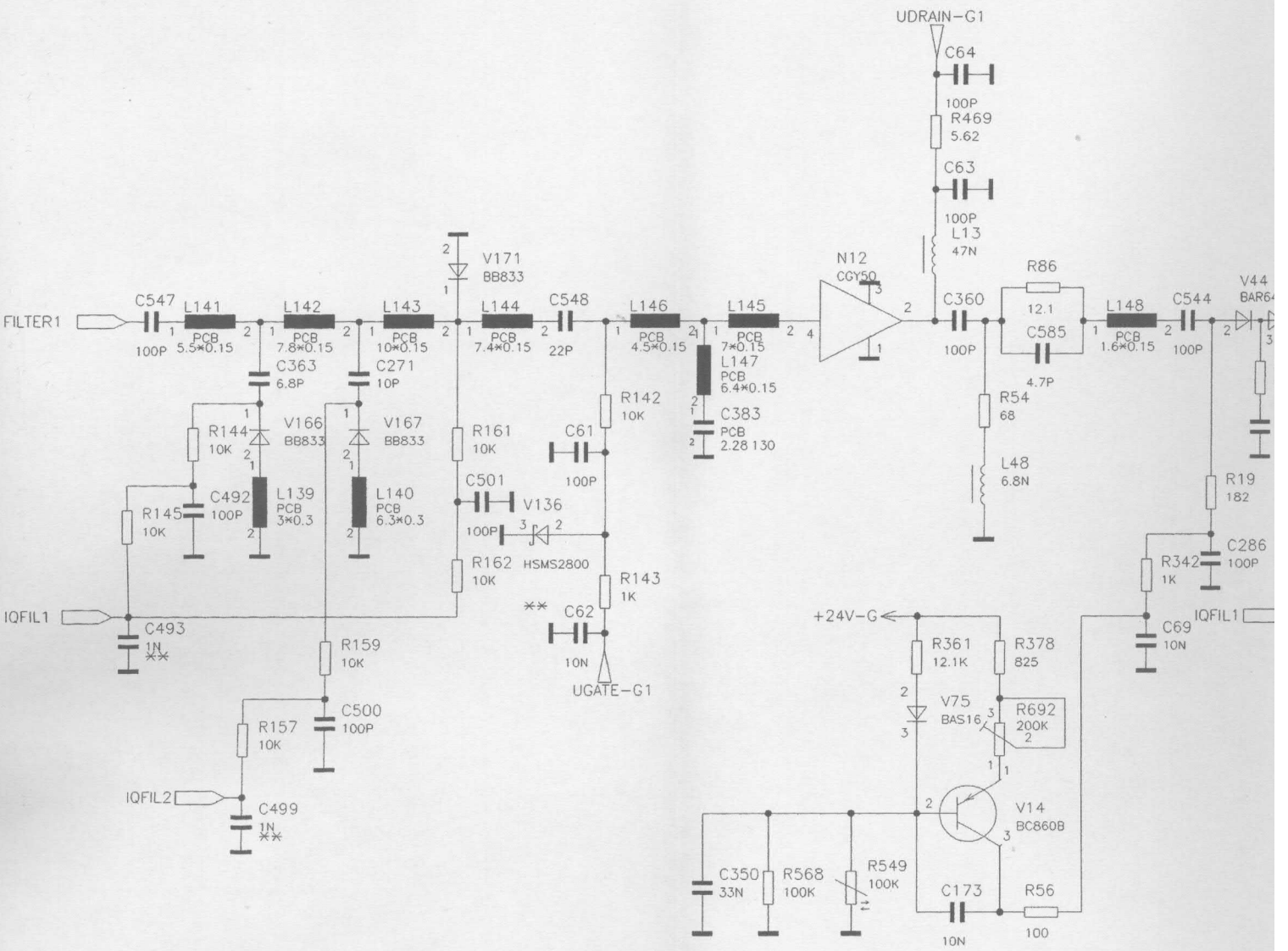
04.04				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.			IQ-CONVERTER
				NORM			
				PLOTT	99-02-02	BHOFBERGE	TOP/MISCHER_98/MISCHER.1
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

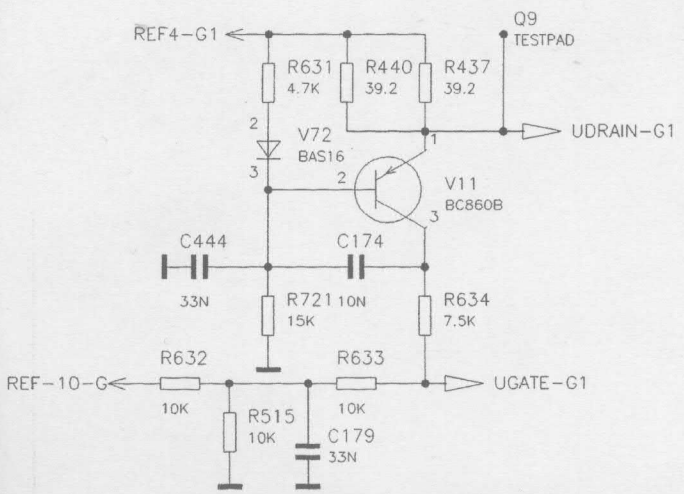
BLATT-NR. 6 +

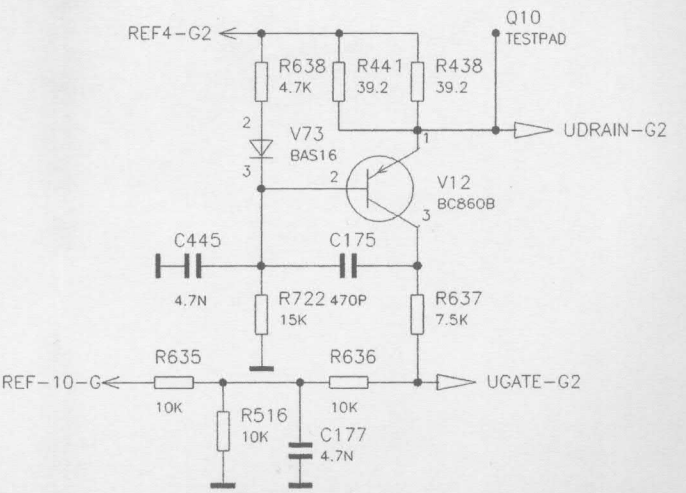
G1

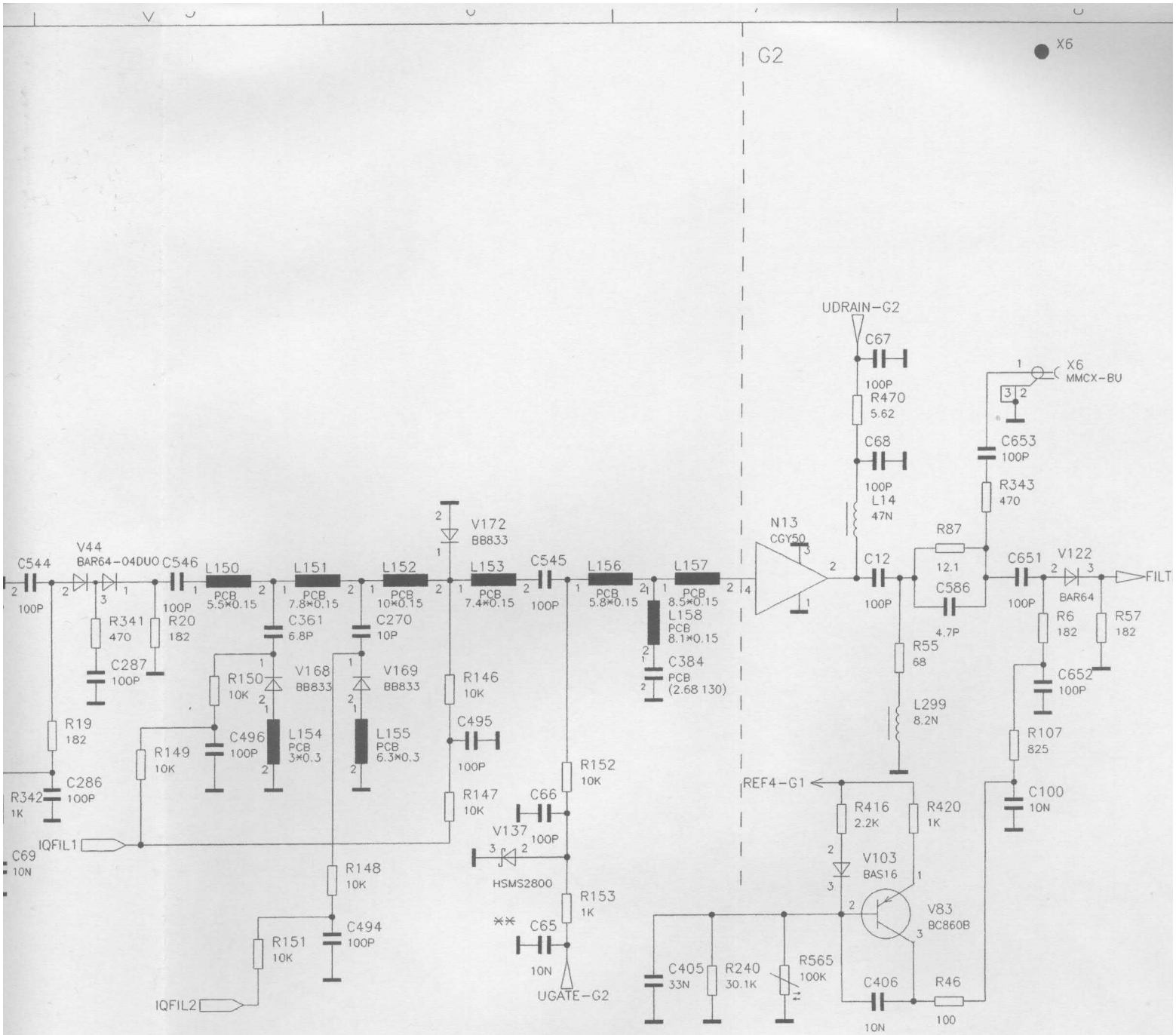
IQ–FILTER 750...1800

R692









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

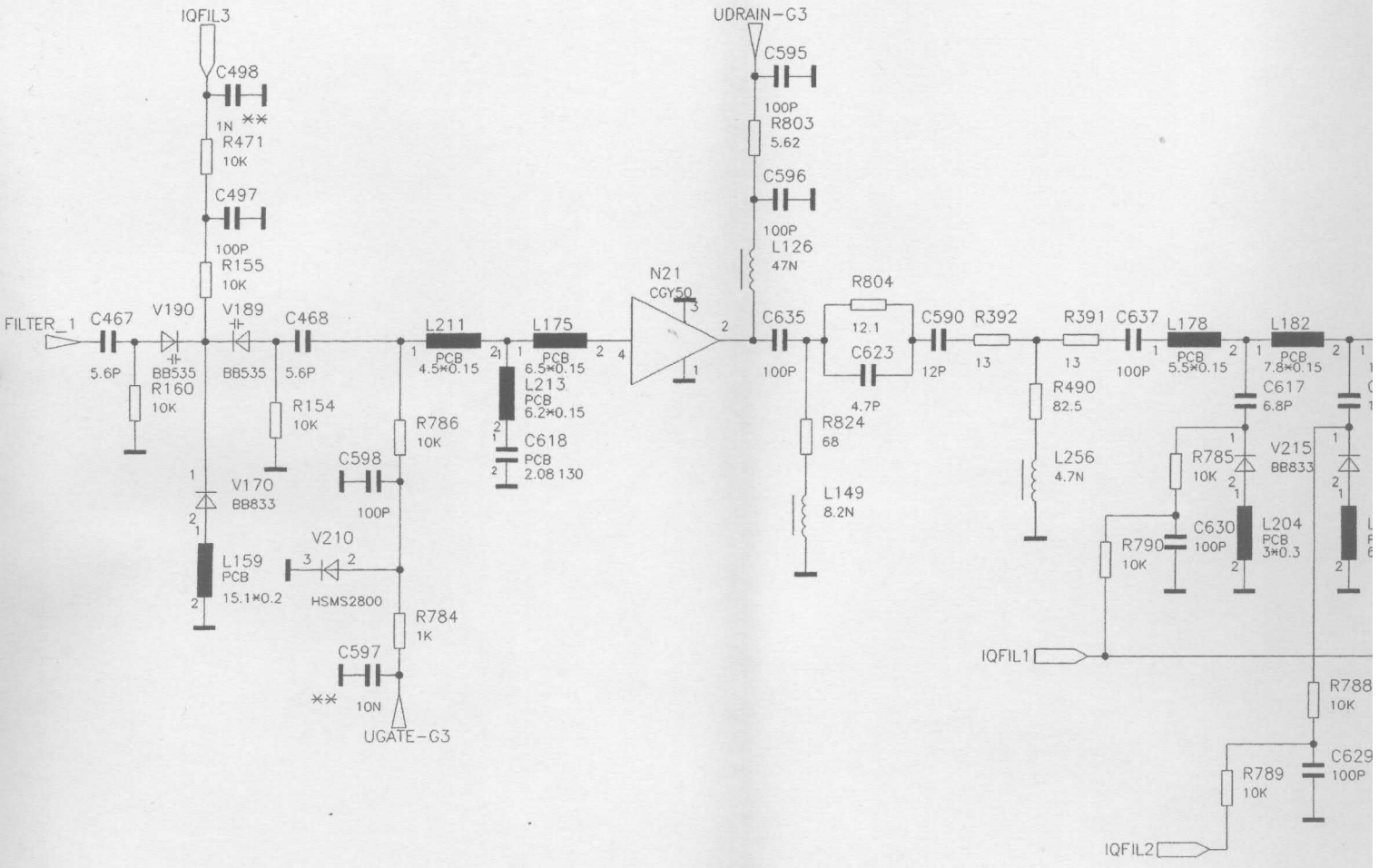
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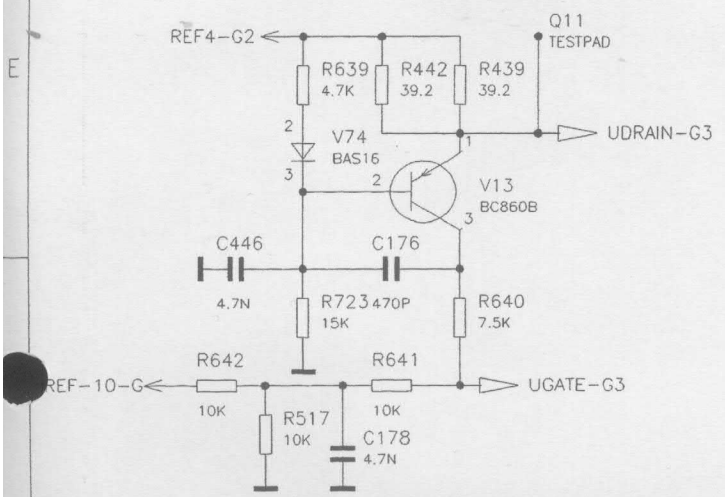
04.04				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.		BU	IQ-CONVERTER
				NORM			TOP/750-1800_5/750-1800.1
				PLOTT	99-02-02	HOFBERGE	
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

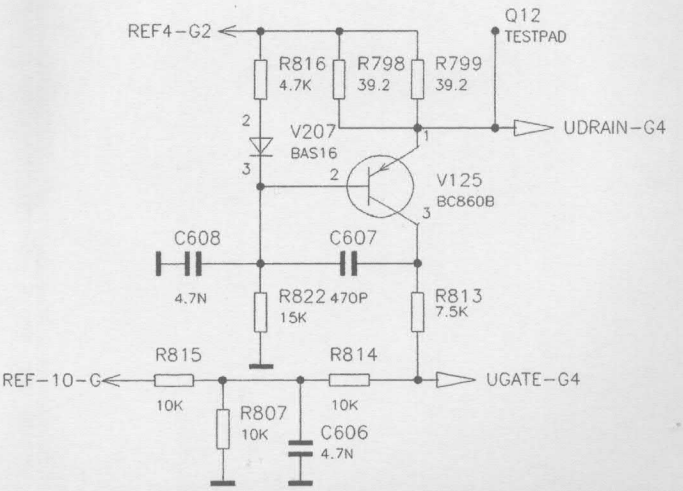
BLATT 7

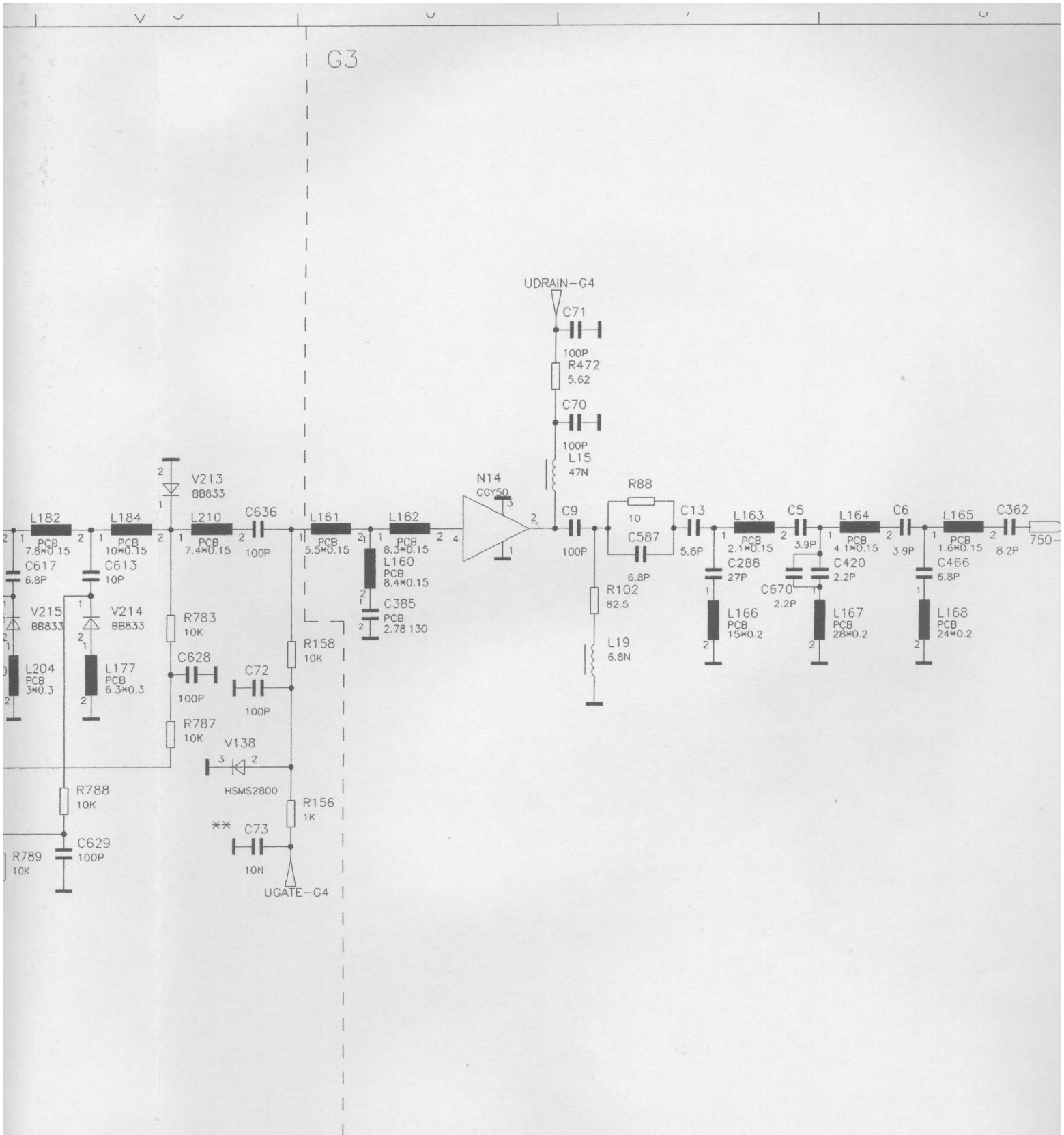
G2

IQ-FILTER 750...1800







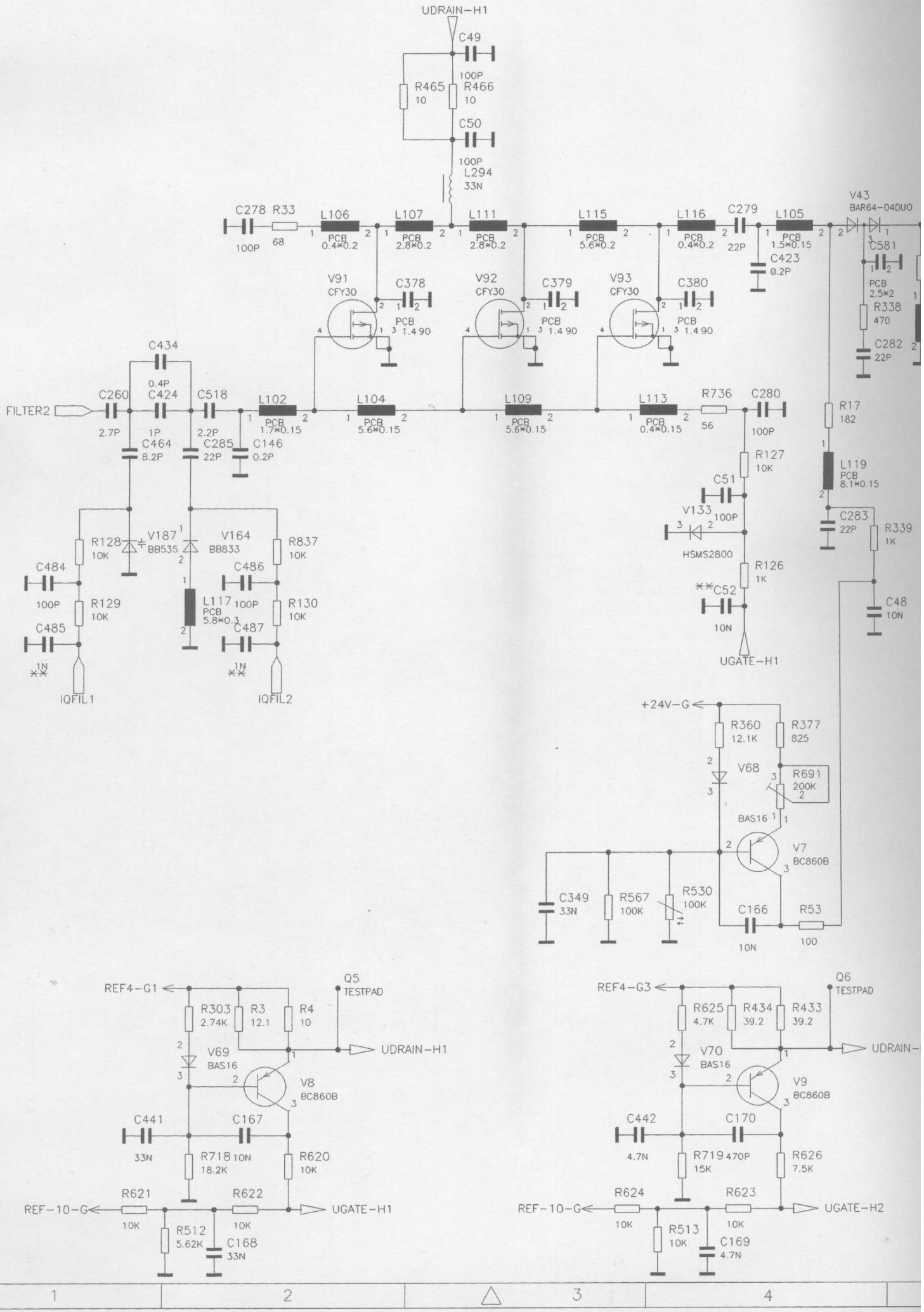


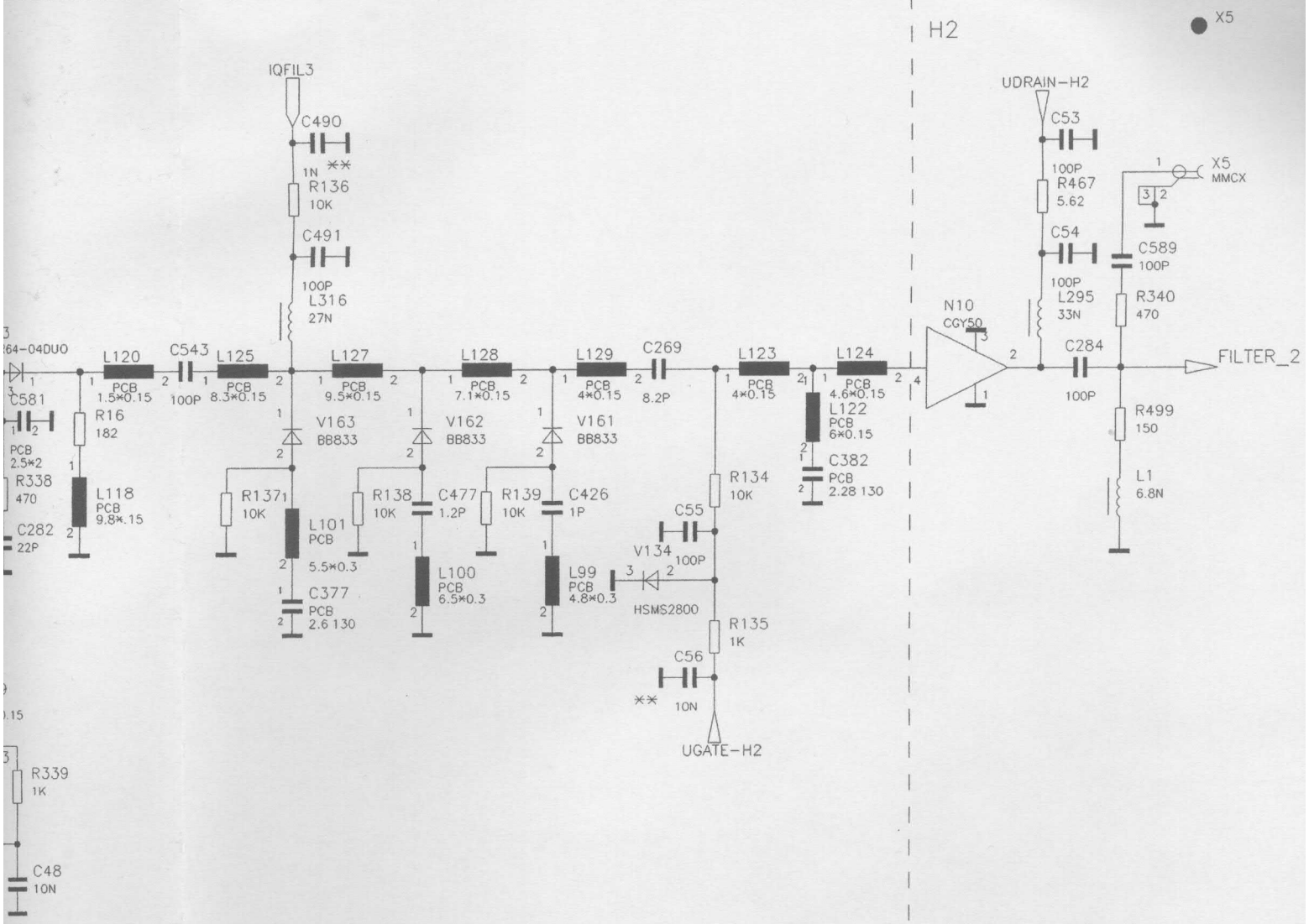
04.01				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.		BU	IQ-CONVERTER
				NORM			TOP/750-1800_5/750-1800.2
				PLOTT	97-12-12	BAUR_A	
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

BEHALTEN WIR UNS ALLE RECHTE VOR

H1 IQ-FILTER 1800...2500

R691

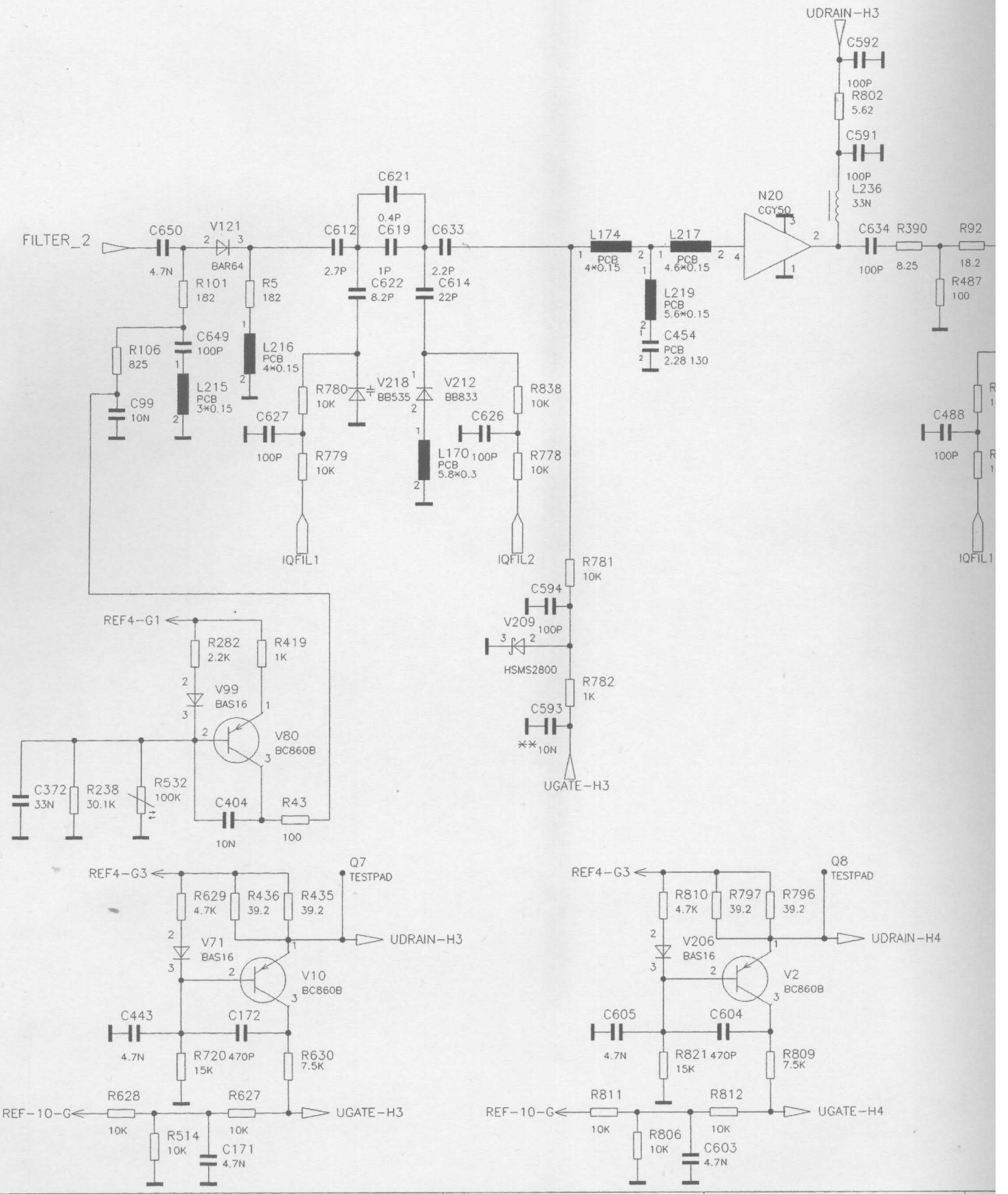




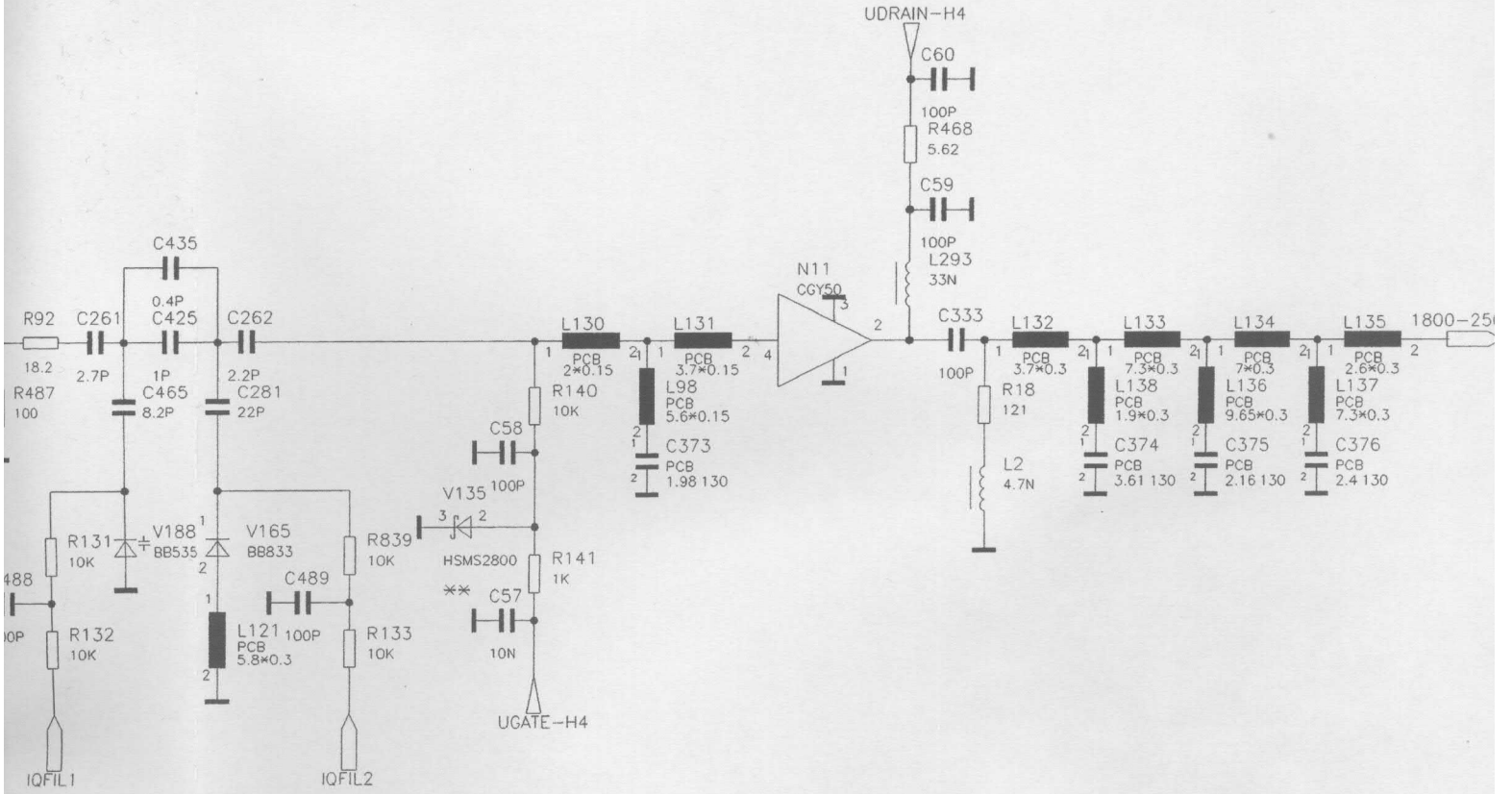
04.01				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.		BU	IQ-CONVERTER
				NORM			TOP/1800-2500_4/1800-2500.1
				PLOTT	97-12-12	BAUR_A	
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

BLATT- 9

H2 IQ-FILTER 1800...2500



BEHALTEN WIR UNS ALLE RECHTE VOR



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

** = NOT FITT

04.04				1GPK	DATUM	NAME
				BEARB.		BU
				GEPR.		BU
				NORM		
				PLOTT	99-02-02	HOFBERGE
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ		

BENENNUNG
IQ-CONVERTER
IQ-CONVERTER
TOP/1800-2500_4/1800-2500.2

ROHDE&SCHWARZ

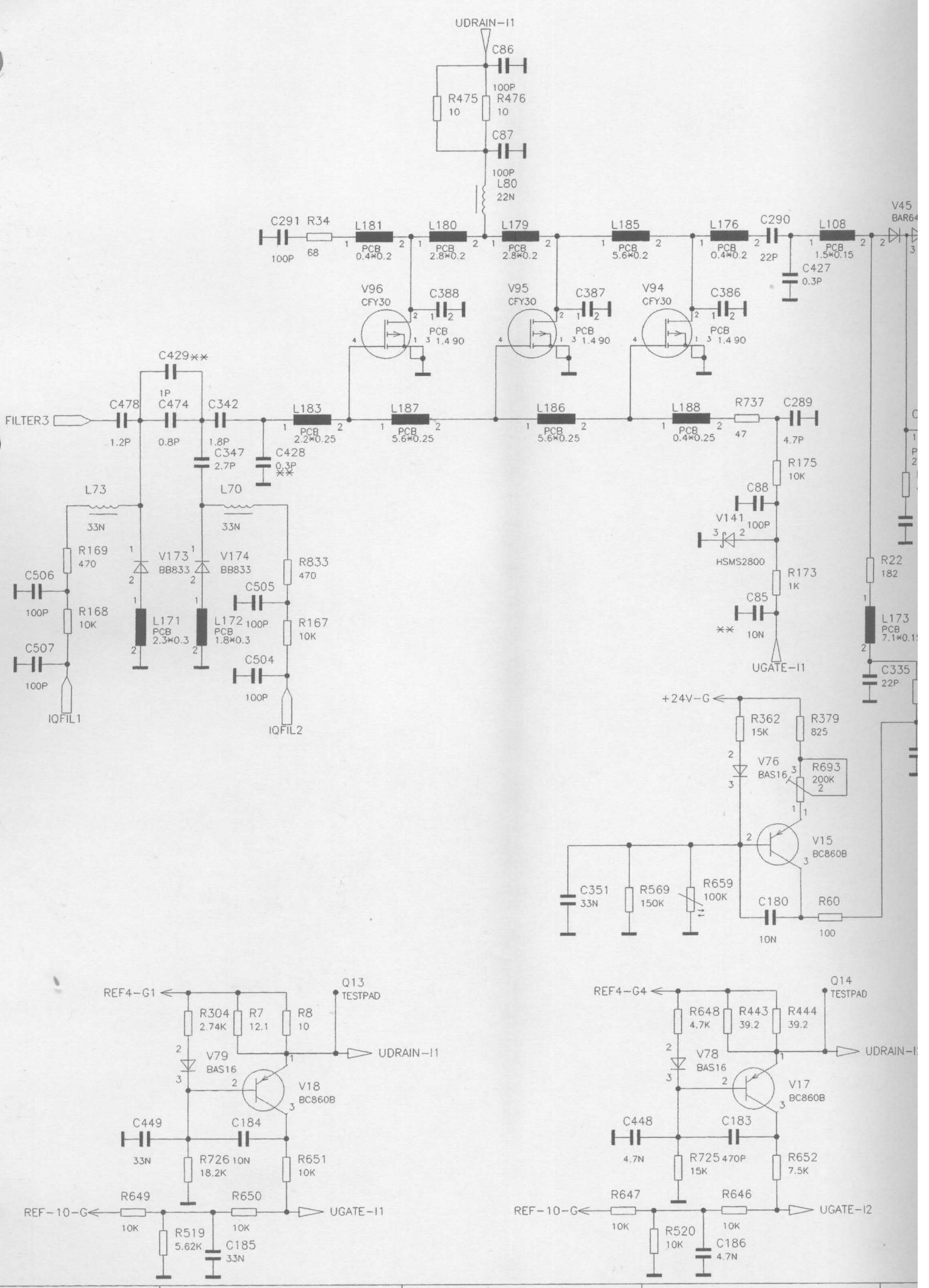
ZEICHN.-NR. 1084.9300.01 S

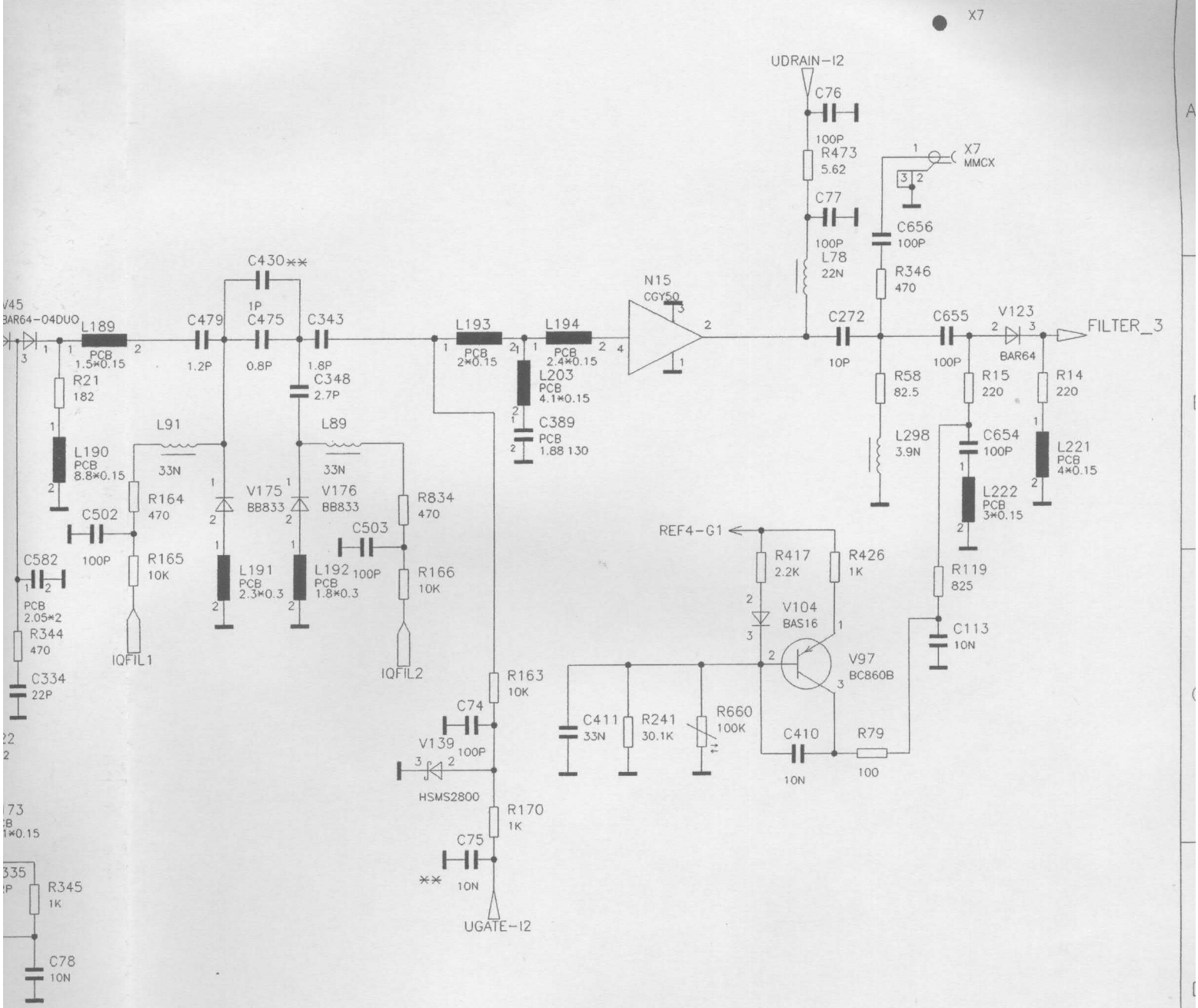
BLATT- 10

REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

BEHALTEN WIR UNS ALLE RECHTE VOR

I1 IQ-FILTER 2500...3300





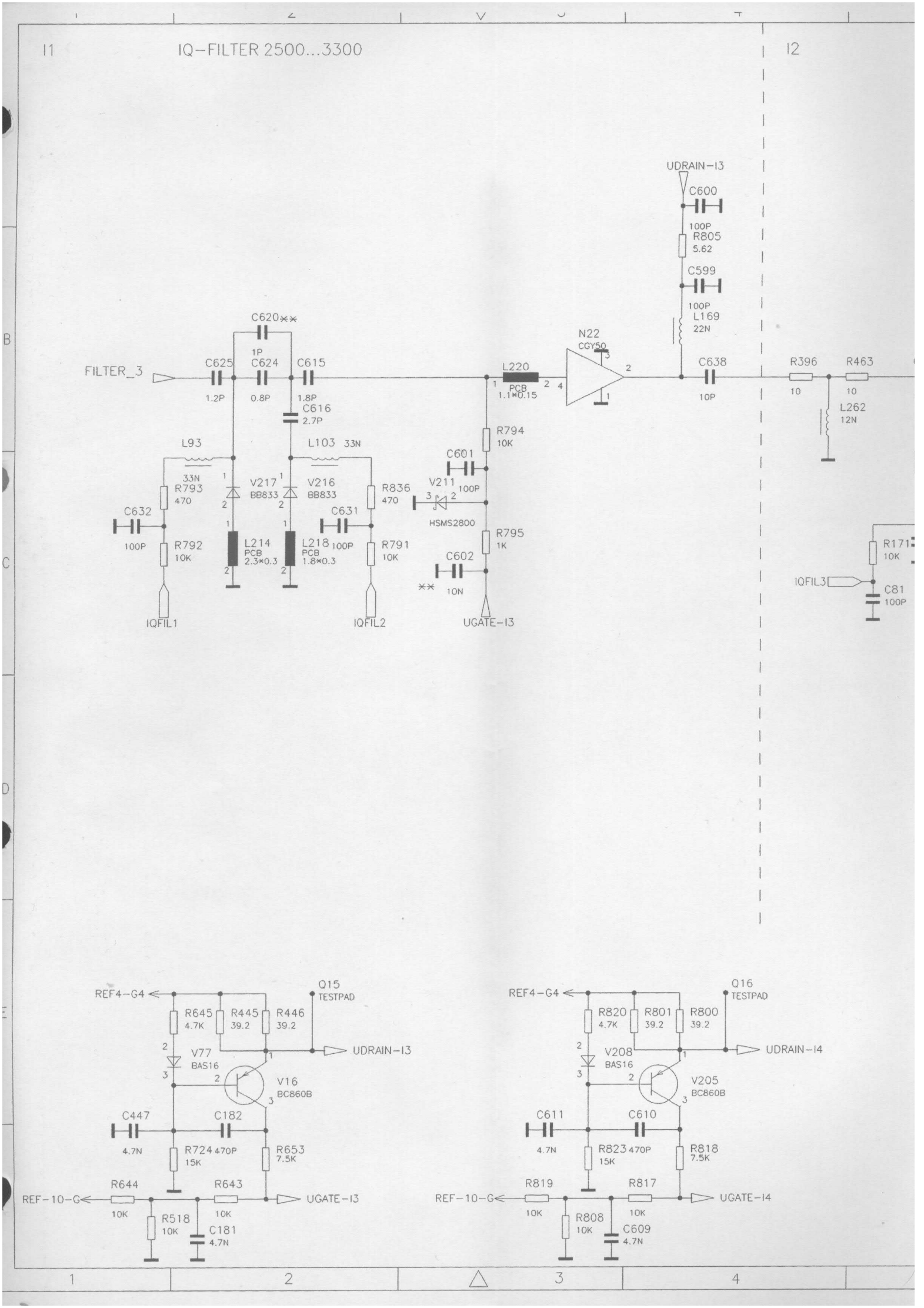
ACHTUNG: EGB !
ELEKTROSTATISCH GEFAEHRDETE BAUELEMENTE ERFORDERN EINE BESONDERE HANDHABUNG.
ATTENTION ESD !
ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING

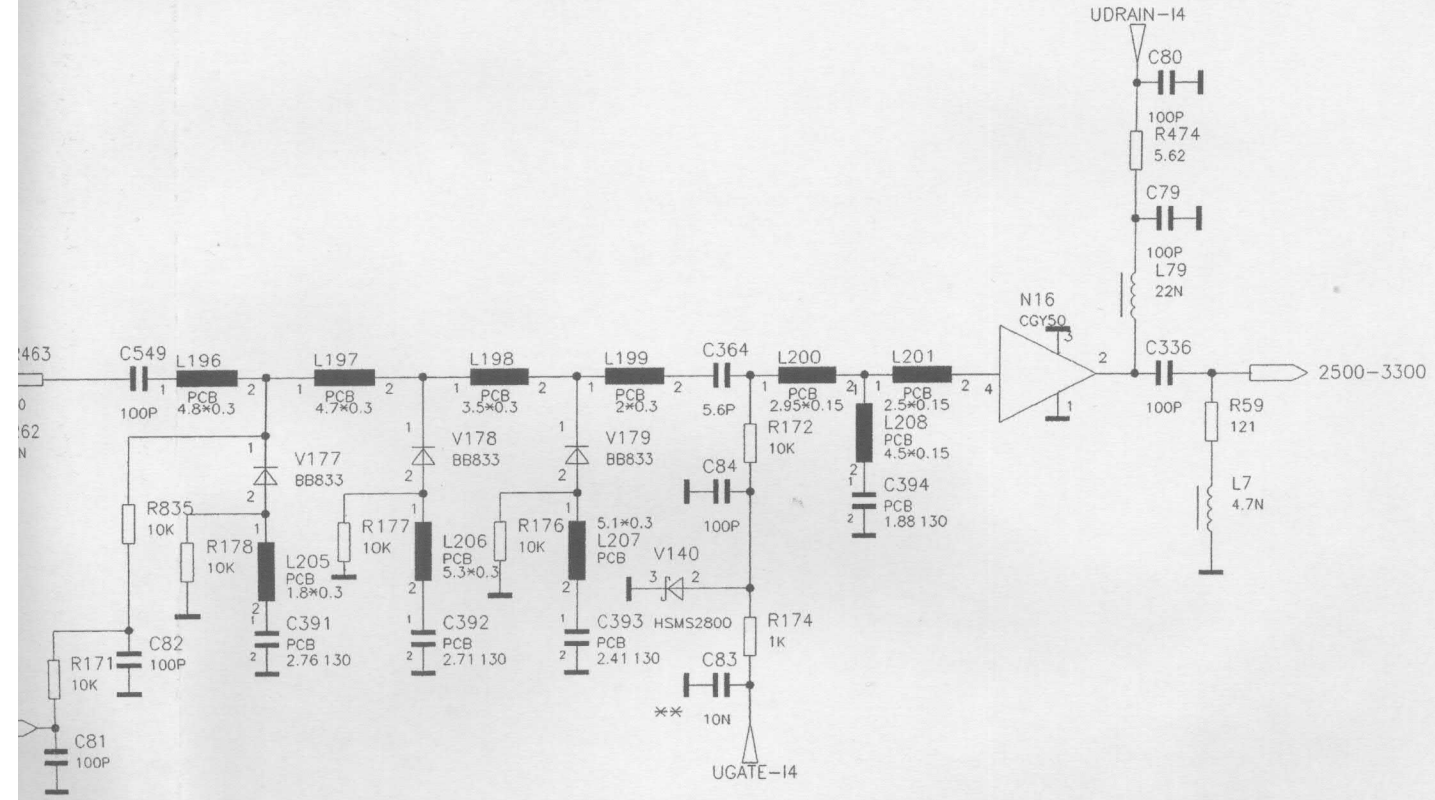
** = NOT FITTED

04.04				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.		BU	IQ-CONVERTER
				NORM			
				PLOTT	99-02-02	HOFBERGE	TOP/2500-3300_6/2500-3300.1
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
				ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

BLATT-NR. 11 +

5 6 7 8


I1
IQ-FILTER 2500...3300
I2
UDRAIN-I3
C600
100P
R805
5.62
C599
100P
L169
22N
C620**
1P
FILTER_3
C625
1.2P
C624
0.8P
C615
1.8P
C616
2.7P
L220
PCB
1.1*0.15
N22
CGY50
C638
10P
R396
10
R463
10
L262
12N
L93
33N
L103
33N
R794
10K
C601
V211
100P
HSMS2800
R793
470
V217
BB833
V216
BB833
R836
470
C632
100P
R792
10K
L214
PCB
2.3*0.3
L218
PCB
1.8*0.3
C631
100P
R791
10K
R795
1K
C602
**
10N
IQFIL1
IQFIL2
UGATE-I3
R171
10K
IQFIL3
C81
100P
REF4-G4
Q15
TESTPAD
R645
4.7K
R445
39.2
R446
39.2
UDRAIN-I3
V77
BAS16
V16
BC860B
C447
4.7N
C182
R724
15K
470P
R653
7.5K
R644
10K
R643
10K
REF-10-G
UGATE-I3
R518
10K
C181
4.7N
REF4-G4
Q16
TESTPAD
R820
4.7K
R801
39.2
R800
39.2
UDRAIN-I4
V208
BAS16
V205
BC860B
C611
4.7N
C610
R823
15K
470P
R818
7.5K
R819
10K
R817
10K
REF-10-G
UGATE-I4
R808
10K
C609
4.7N
1
2
3
4



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

** = NOT FITTED

04.04				1GPK	DATUM	NAME
				BEARB.		BU
				GEPR.		BU
				NORM		
				PLOTT	99-02-02	HOFBERGE
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME			

ROHDE&SCHWARZ

ZU GERAET SMIQ

BENENNUNG

IQ-CONVERTER

IQ-CONVERTER

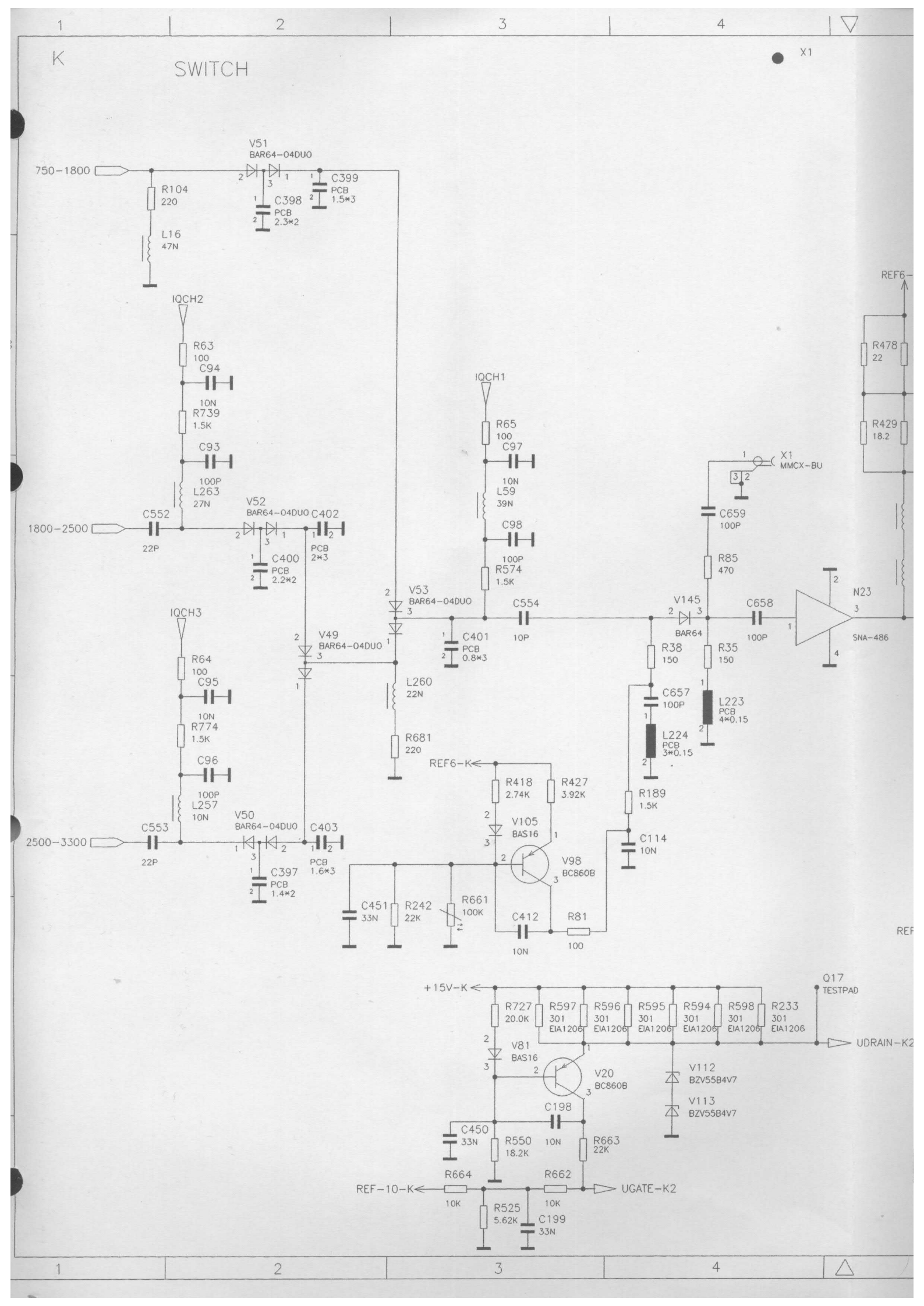
TOP/2500-3300_6/2500-3300.2

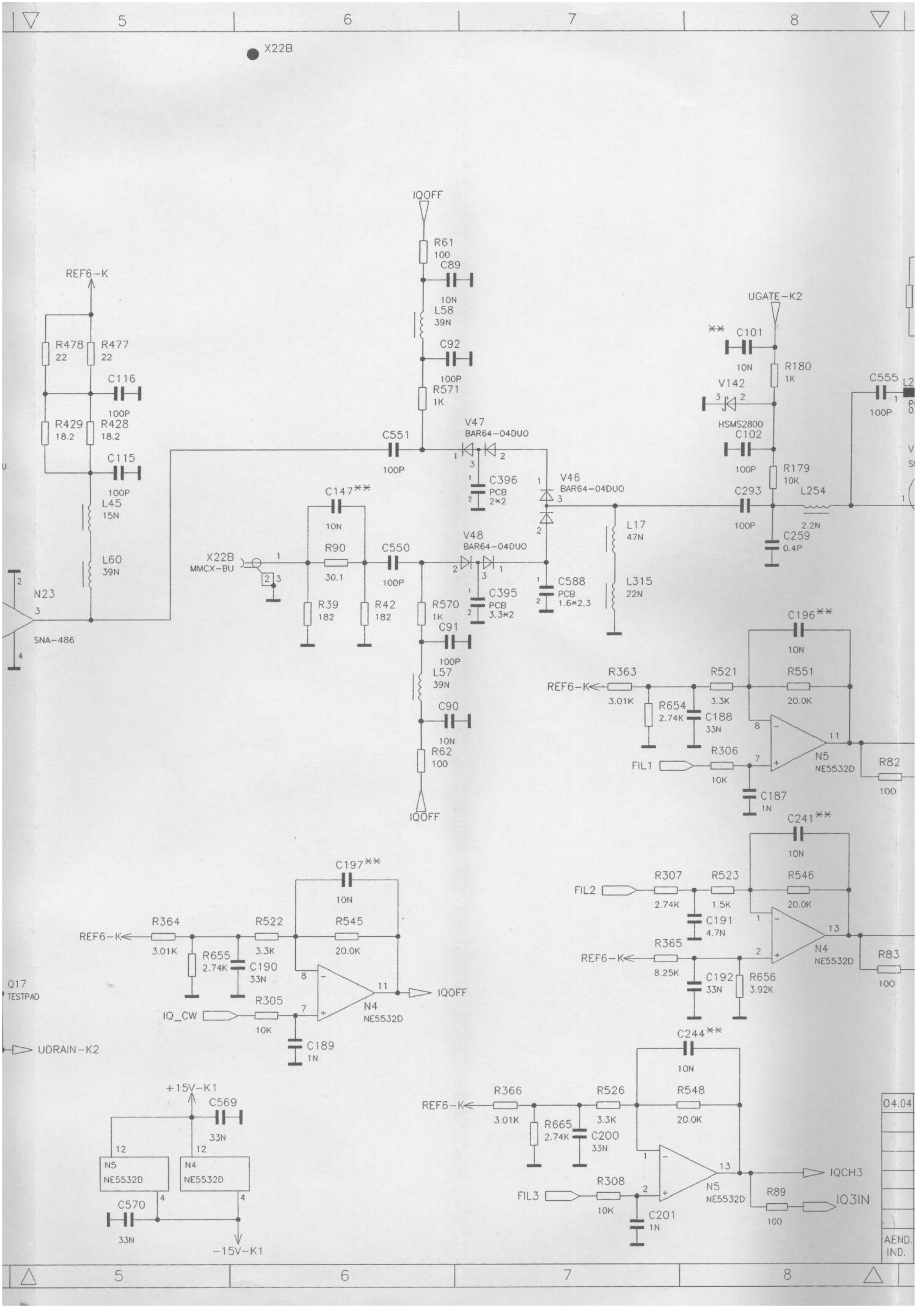
ZEICHN.-NR. 1084.9300.01 S

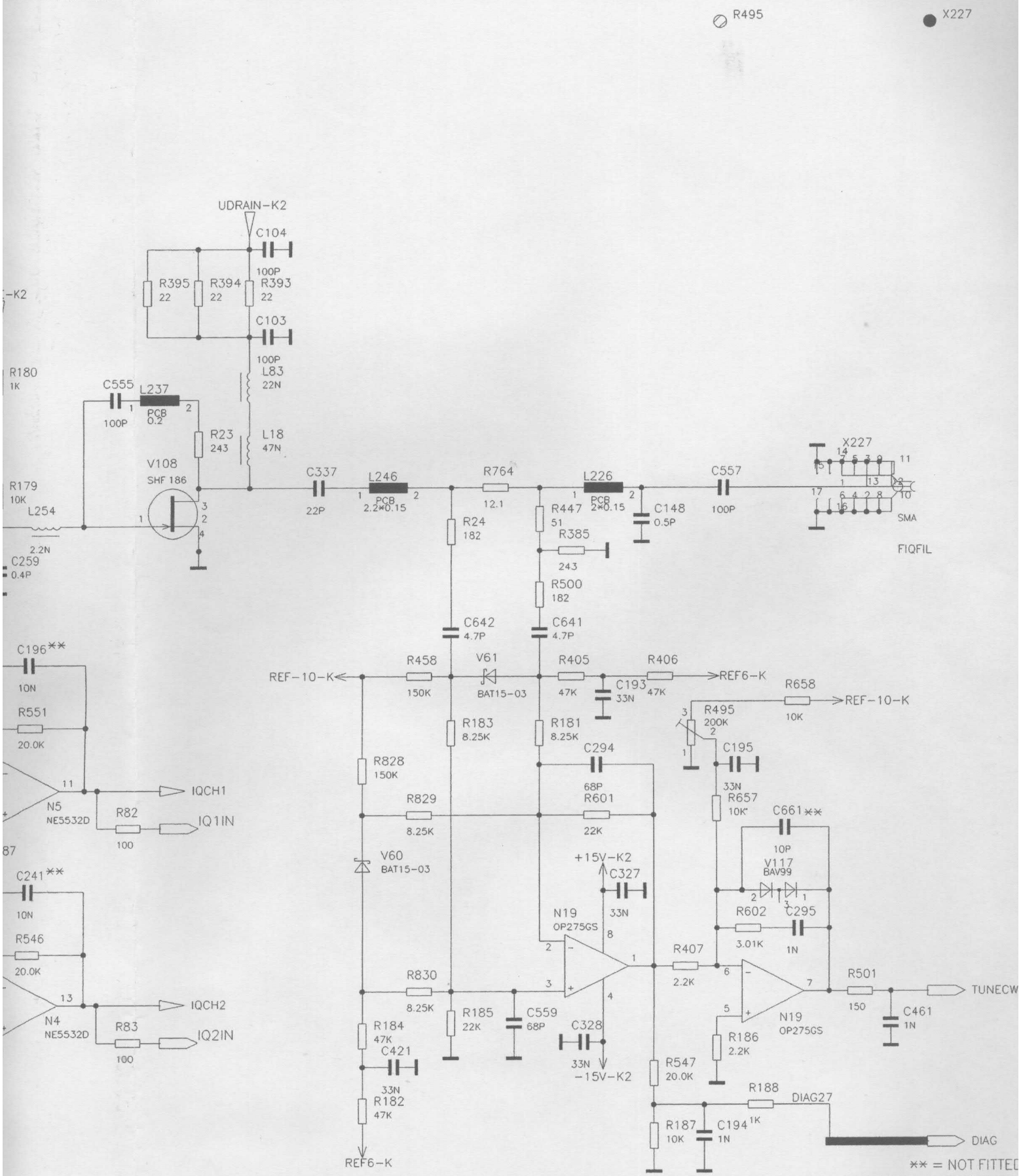
BLATT-NR. 12 +

REG.I.V. 1084.8004

ERSTE Z. 1084.8004.01

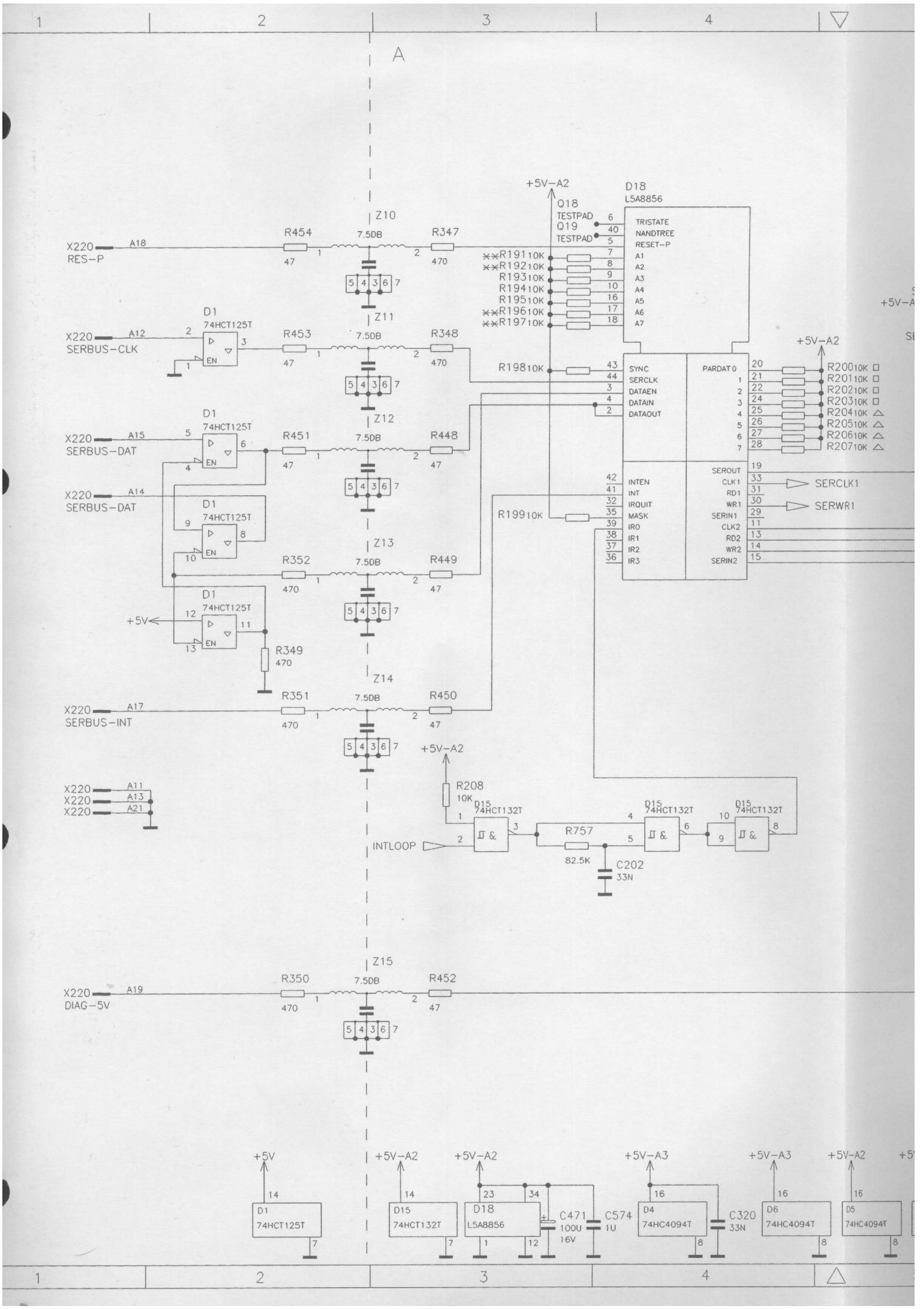

K
SWITCH
X1
750-1800
V51
BAR64-04DUO
R104
220
L16
47N
C398
PCB
2.3*2
C399
PCB
1.5*3
IQCH2
R63
100
C94
10N
R739
1.5K
C93
100P
L263
27N
1800-2500
C552
22P
V52
BAR64-04DUO
C400
PCB
2.2*2
C402
PCB
2*3
IQCH3
R64
100
C95
10N
R774
1.5K
C96
100P
L257
10N
2500-3300
C553
22P
V50
BAR64-04DUO
C397
PCB
1.4*2
C403
PCB
1.6*3
V49
BAR64-04DUO
V53
BAR64-04DUO
C401
PCB
0.8*3
L260
22N
R681
220
IQCH1
R65
100
C97
10N
L59
39N
C98
100P
R574
1.5K
C554
10P
REF6-K
R418
2.74K
R427
3.92K
V105
BAS16
V98
BC860B
C451
33N
R242
22K
R661
100K
C412
10N
R81
100
C114
10N
R189
1.5K
C657
100P
L224
PCB
3*0.15
R38
150
R35
150
L223
PCB
4*0.15
V145
BAR64
C658
100P
N23
SNA-486
C659
100P
R85
470
X1
MMCX-BU
R478
22
R429
18.2
REF6-
REF
+15V-K
R727
20.0K
R597
301
EIA1206
R596
301
EIA1206
R595
301
EIA1206
R594
301
EIA1206
R598
301
EIA1206
R233
301
EIA1206
Q17
TESTPAD
UDRAIN-K2
V81
BAS16
V20
BC860B
V112
BZV55B4V7
V113
BZV55B4V7
C198
10N
C450
33N
R550
18.2K
R663
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R664
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R662
10K
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UGATE-K2
R525
5.62K
C199
33N

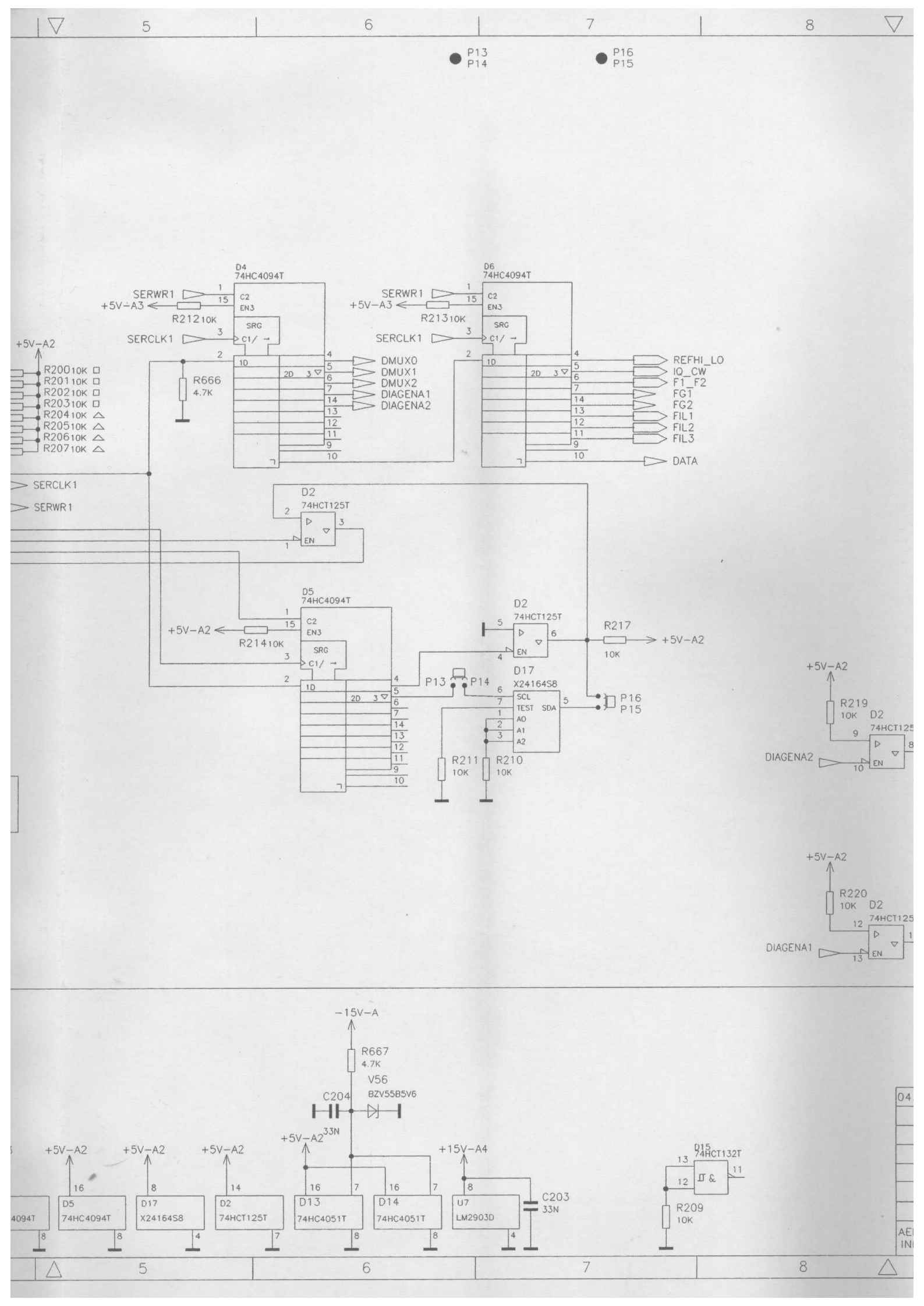

5
6
7
8
X22B
IQOFF
R61
100
C89
10N
L58
39N
C92
100P
R571
1K
REF6-K
R478
22
R477
22
C116
100P
R429
18.2
R428
18.2
C115
100P
L45
15N
L60
39N
N23
SNA-486
C551
100P
V47
BAR64-04DUO
C396
PCB
2*2
C147**
10N
R90
30.1
C550
100P
X22B
MMCX-BU
R39
182
R42
182
V48
BAR64-04DUO
C395
PCB
3.3*2
R570
1K
C91
100P
L57
39N
C90
10N
R62
100
IQOFF
V46
BAR64-04DUO
C588
PCB
1.6*2.3
L17
47N
L315
22N
UGATE-K2
** C101
10N
R180
1K
V142
HSMS2800
C102
100P
R179
10K
C293
100P
L254
2.2N
C259
0.4P
C555
100P
C196**
10N
R363
3.01K
R521
3.3K
R551
20.0K
R654
2.74K
C188
33N
R306
10K
FIL1
N5
NE5532D
R82
100
C187
1N
C241**
10N
R307
2.74K
R523
1.5K
R546
20.0K
FIL2
C191
4.7N
R365
8.25K
REF6-K
C192
33N
R656
3.92K
N4
NE5532D
R83
100
C197**
10N
R364
3.01K
R522
3.3K
R545
20.0K
REF6-K
R655
2.74K
C190
33N
R305
10K
IQ_CW
C189
1N
N4
NE5532D
IQOFF
Q17
TESTPAD
UDRAIN-K2
C244**
10N
R366
3.01K
R526
3.3K
R548
20.0K
REF6-K
R665
2.74K
C200
33N
R308
10K
FIL3
C201
1N
N5
NE5532D
IQCH3
R89
100
IQ3IN
+15V-K1
C569
33N
N5
NE5532D
N4
NE5532D
C570
33N
-15V-K1
04.04
AEND.
IND.



04.04				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.			IQ-CONVERTER
				NORM			TOP/SWITCH_81/SWITCH.1
				PLOTT	99-02-02	BHOFBERGE	
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

BLATT-NR 13 +


1
2
3
4
A
X220 A18 RES-P
R454 47
Z10 7.5DB
R347 470
+5V-A2
D18 L5A8856
Q18 TESTPAD
Q19 TESTPAD
TRISTATE
NANDTREE
RESET-P
A1
A2
A3
A4
A5
A6
A7
R19110K
R19210K
R19310K
R19410K
R19510K
R19610K
R19710K
X220 A12 SERBUS-CLK
D1 74HCT125T
R453 47
Z11 7.5DB
R348 470
R19810K
SYNC
SERCLK
DATAEN
DATAIN
DATAOUT
PARDAT0
R20010K
R20110K
R20210K
R20310K
R20410K
R20510K
R20610K
R20710K
X220 A15 SERBUS-DAT
R451 47
Z12 7.5DB
R448 47
X220 A14 SERBUS-DAT
INTEN
INT
IRQUIT
MASK
IR0
IR1
IR2
IR3
SEROUT
CLK1
RD1
WR1
SERIN1
CLK2
RD2
WR2
SERIN2
SERCLK1
SERWR1
R19910K
R352 470
Z13 7.5DB
R449 47
+5V
R349 470
X220 A17 SERBUS-INT
R351 470
Z14 7.5DB
R450 47
X220 A11
X220 A13
X220 A21
R208 10K
D15 74HCT132T
INTLOOP
R757 82.5K
C202 33N
Z15
X220 A19 DIAG-5V
R350 470
Z15 7.5DB
R452 47
+5V
+5V-A2
+5V-A3
D1 74HCT125T
D15 74HCT132T
D18 L5A8856
C471 100U 16V
C574 1U
D4 74HC4094T
C320 33N
D6 74HC4094T
D5 74HC4094T


5
6
7
8
P13
P14
P16
P15
D4
74HC4094T
SERWR1
+5V-A3
R212 10K
SERCLK1
+5V-A2
R200 10K
R201 10K
R202 10K
R203 10K
R204 10K
R205 10K
R206 10K
R207 10K
R666
4.7K
DMUX0
DMUX1
DMUX2
DIAGENA1
DIAGENA2
D6
74HC4094T
R213 10K
REFHI_LO
IQ_CW
F1_F2
FG1
FG2
FIL1
FIL2
FIL3
DATA
D2
74HCT125T
D5
74HC4094T
R214 10K
D17
X24164S8
SCL
SDA
TEST
A0
A1
A2
R211 10K
R210 10K
R217 10K
R219 10K
DIAGENA2
R220 10K
DIAGENA1
-15V-A
R667
4.7K
V56
BZV55B5V6
C204
33N
+5V-A2
+15V-A4
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D14
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33N
D15
74HCT132T
R209
10K

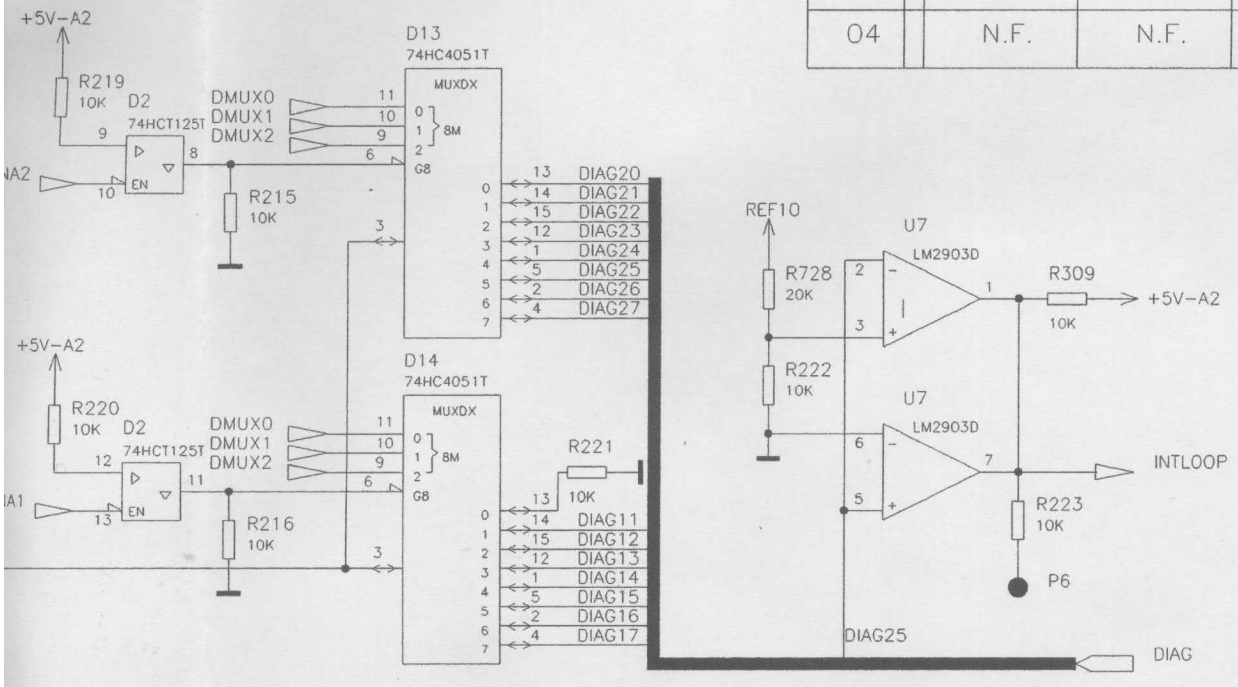
● P6

□ =Aenderungszustand/Revision

	R200	R201	R202	R203
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02	N.F.		N.F.	N.F.
03			N.F.	N.F.
04	N.F.	N.F.		N.F.
05		N.F.		N.F.
06	N.F.			N.F.
07				N.F.
08	N.F.	N.F.	N.F.	

△ Variante/Model

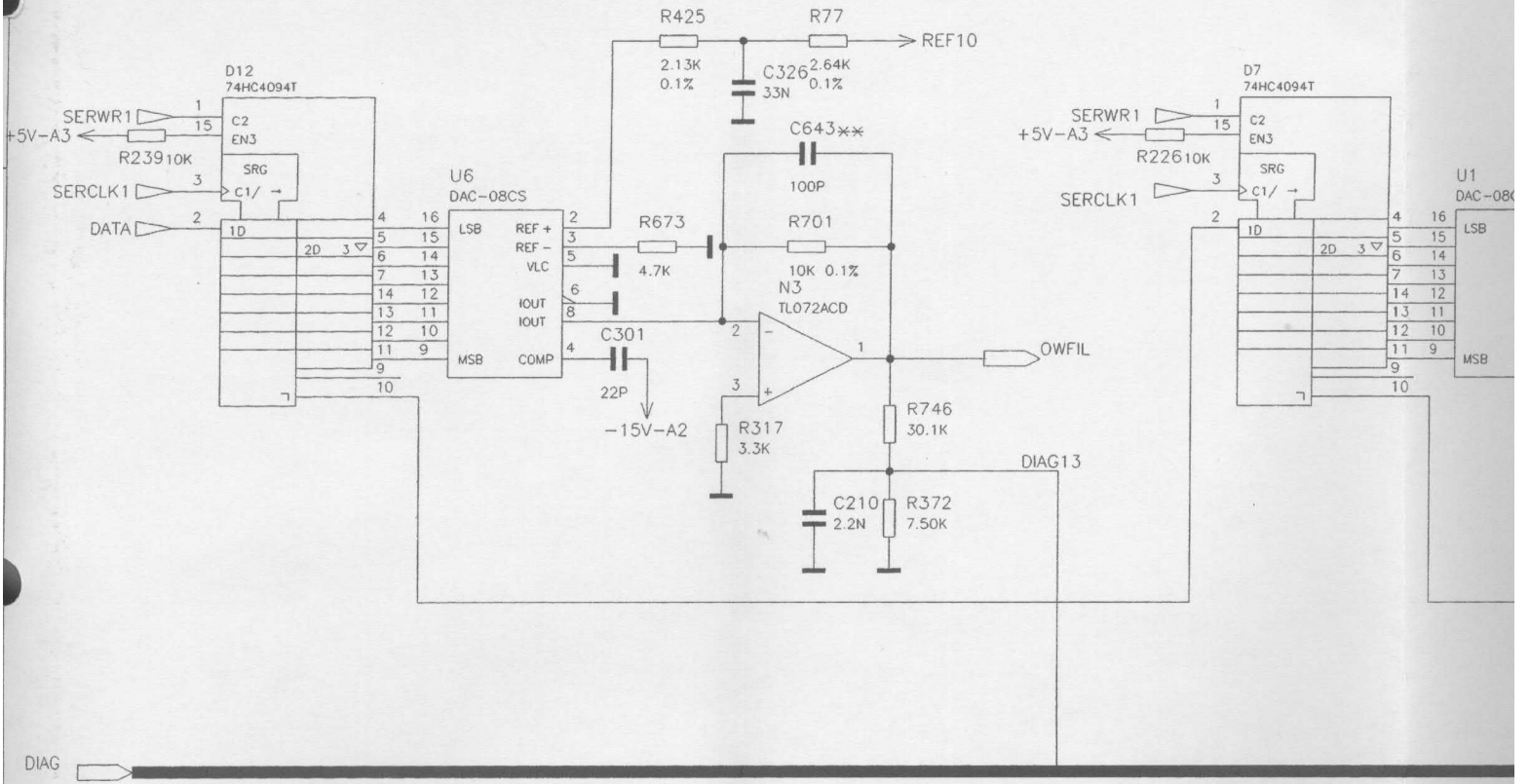
	R204	R205	R206	R207
01		N.F.	N.F.	N.F.
02	N.F.		N.F.	N.F.
03			N.F.	N.F.
04	N.F.	N.F.		N.F.

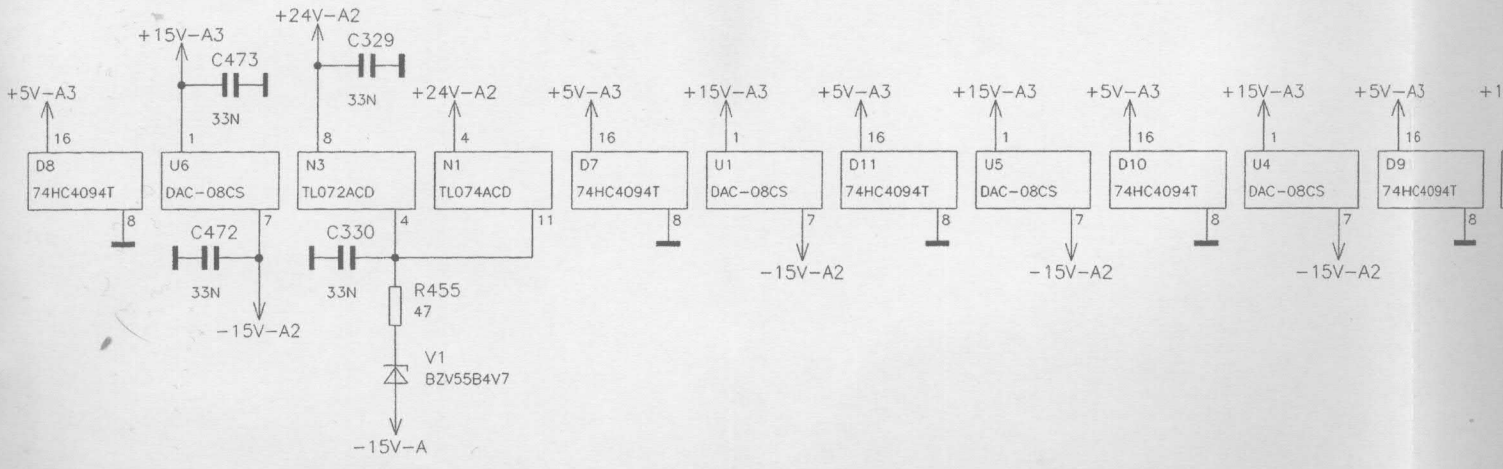


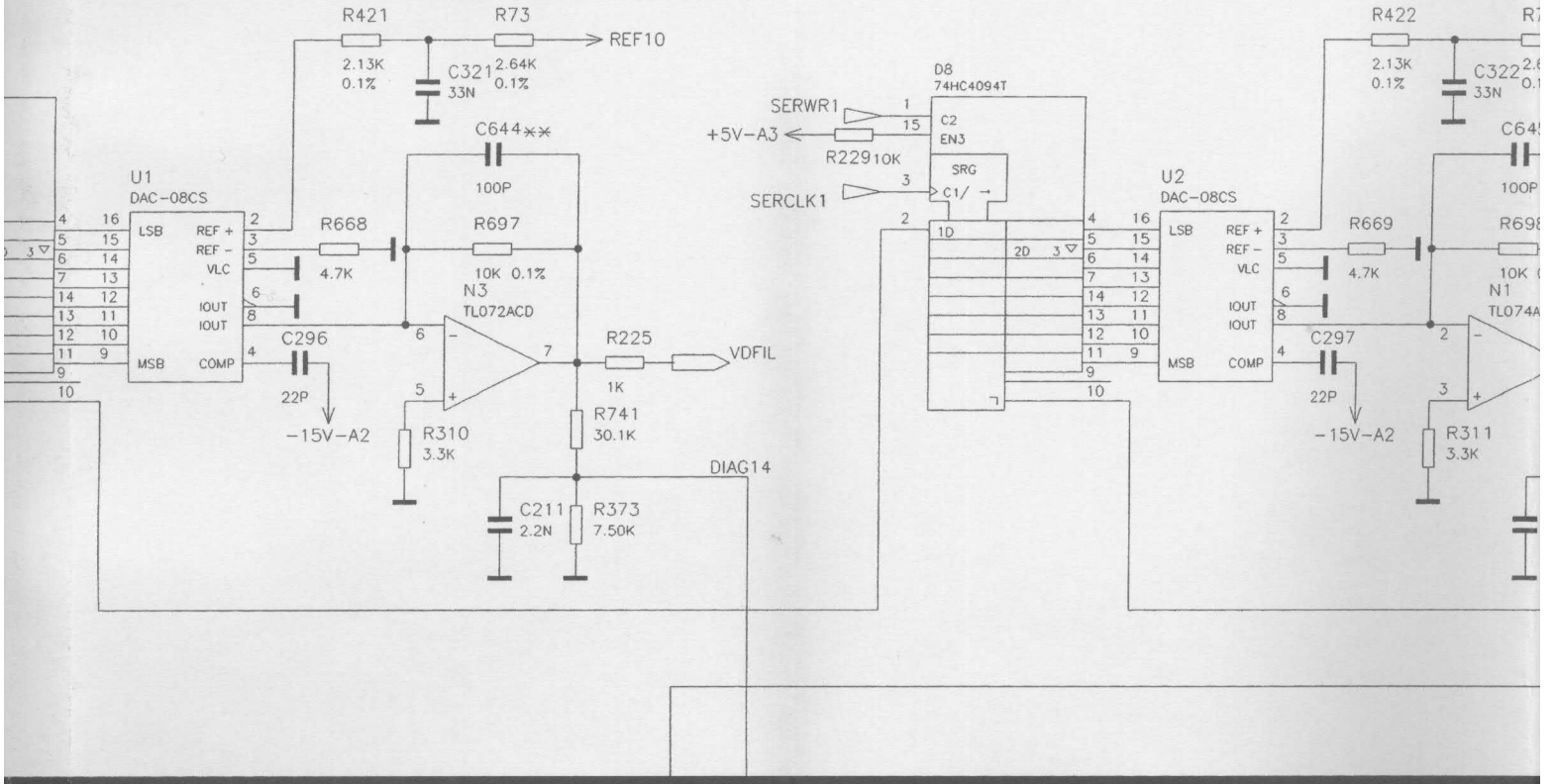
** = NOT FITTED

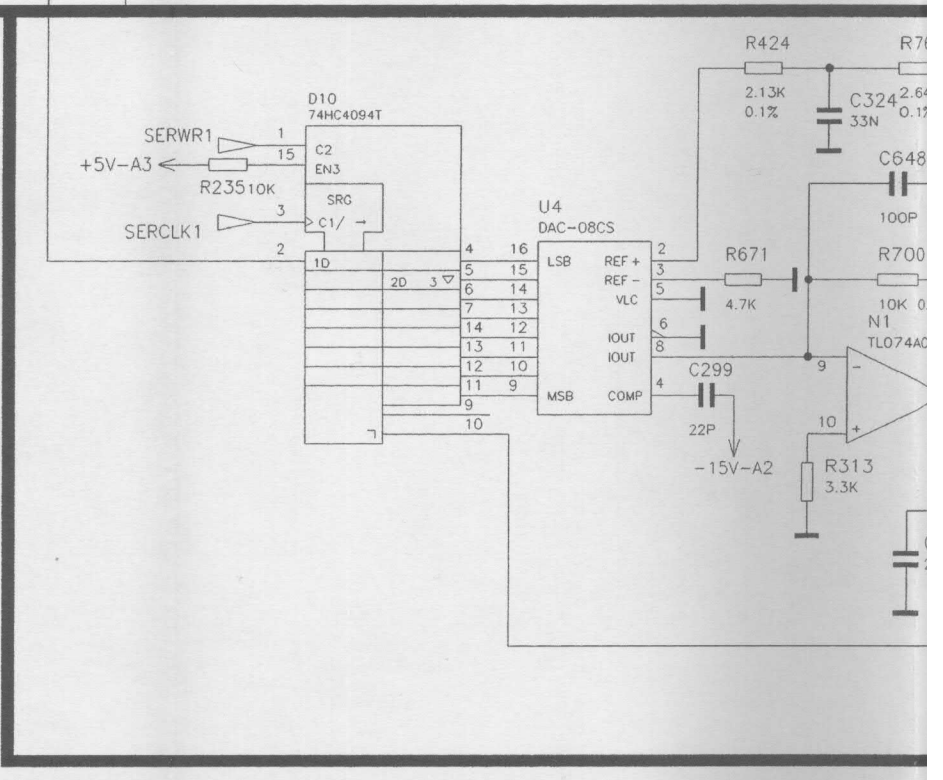
04.04				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.			IQ-CONVERTER
				NORM			
				PLOTT	99-02-02	BHOFBERGE	TOP/ANSTEUERUNG_91/ANSTEUERUNG.1
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

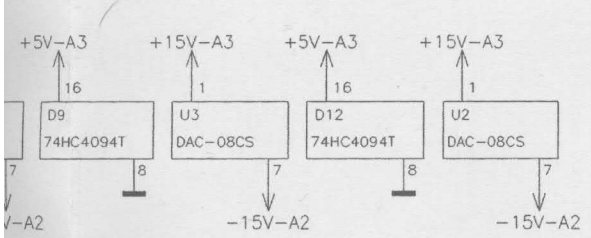
BLATT-NR. 14 +

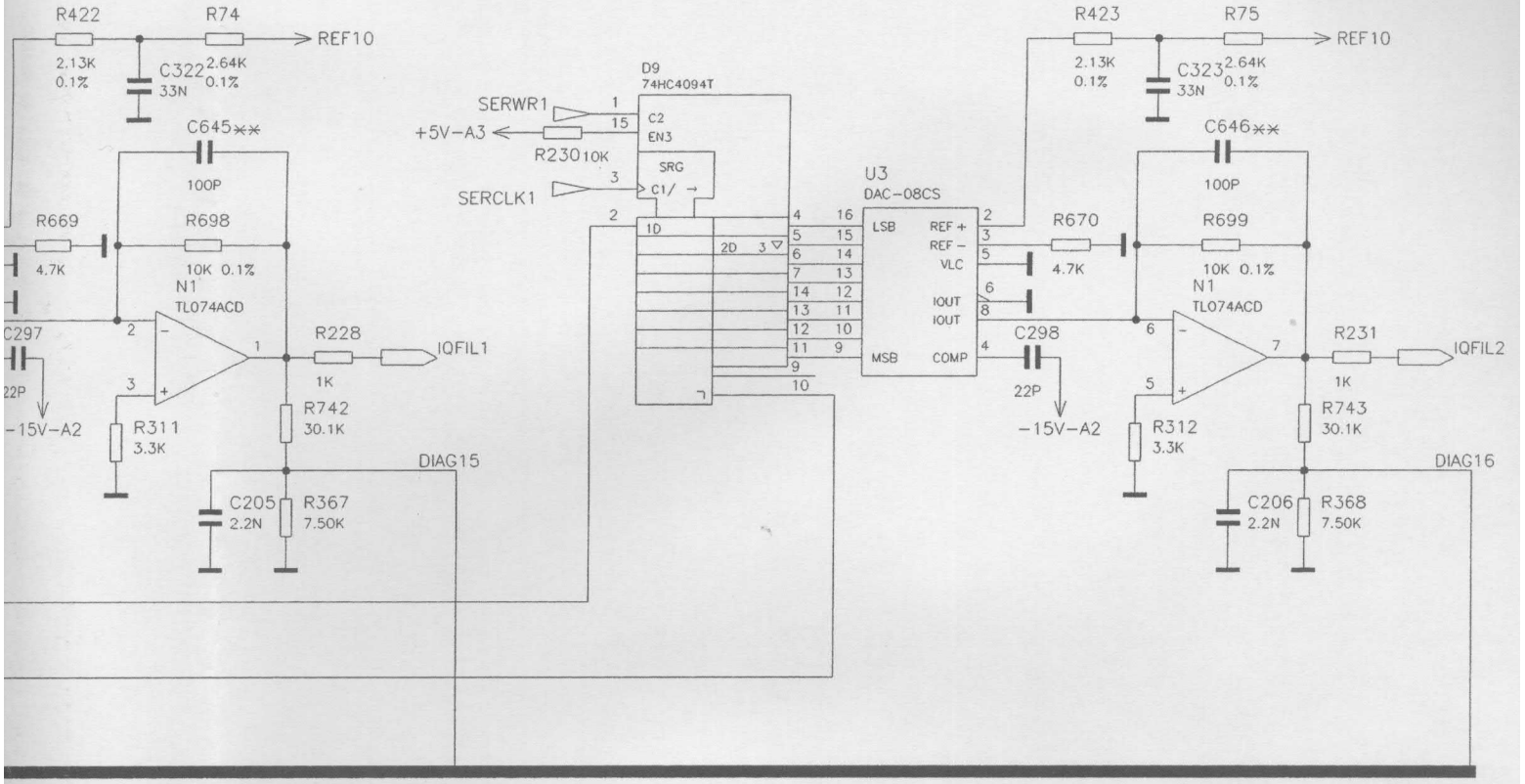

R425
2.13K
0.1%
R77
2.64K
0.1%
REF10
C326
33N
C643**
100P
D12
74HC4094T
SERWR1
+5V-A3
R239 10K
SERCLK1
DATA
SRG
C1/ →
1D
2D
U6
DAC-08CS
LSB
MSB
REF +
REF -
VLC
IOUT
IOUT
COMP
R673
4.7K
R701
10K 0.1%
N3
TL072ACD
C301
22P
-15V-A2
OWFIL
R317
3.3K
R746
30.1K
DIAG13
C210
2.2N
R372
7.50K
D7
74HC4094T
R226 10K
U1
DAC-08C
DIAG

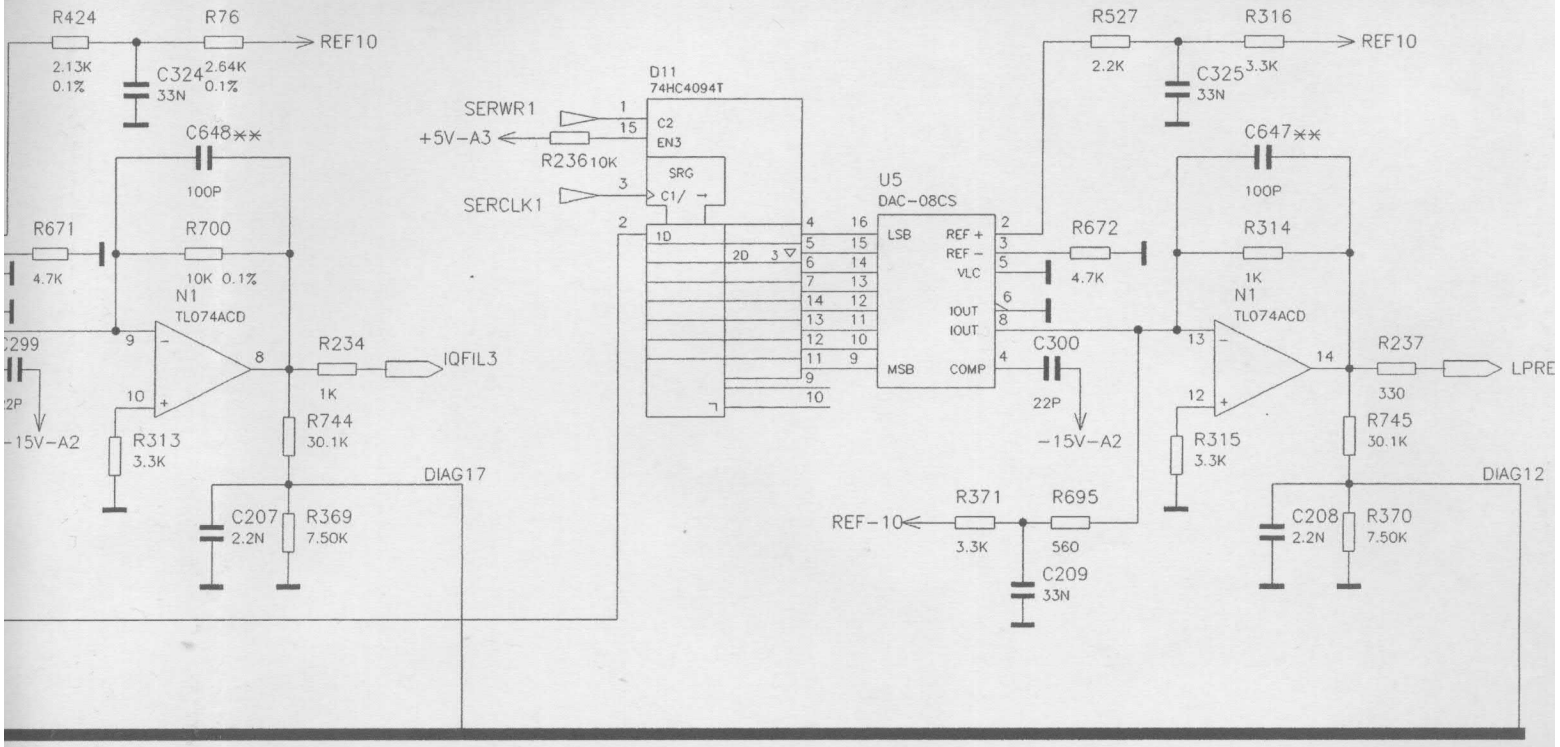

+15V-A3
+24V-A2
C473
33N
C329
33N
+5V-A3
+24V-A2
D8
74HC4094T
U6
DAC-08CS
N3
TL072ACD
N1
TL074ACD
D7
74HC4094T
U1
DAC-08CS
D11
74HC4094T
U5
DAC-08CS
D10
74HC4094T
U4
DAC-08CS
D9
74HC4094T
C472
33N
C330
33N
R455
47
V1
BZV55B4V7
-15V-A2
-15V-A


R421
2.13K
0.1%
R73
2.64K
0.1%
REF10
C321
33N
C644**
100P
U1
DAC-08CS
LSB
REF +
REF -
VLC
IOUT
IOUT
MSB
COMP
R668
4.7K
R697
10K 0.1%
N3
TL072ACD
C296
22P
-15V-A2
R310
3.3K
R225
1K
VDFIL
R741
30.1K
DIAG14
C211
2.2N
R373
7.50K
D8
74HC4094T
SERWR1
+5V-A3
R229 10K
SERCLK1
SRG
C1/
1D
2D
U2
DAC-08CS
R422
2.13K
0.1%
C322
33N
C645
100P
R669
4.7K
R698
10K
N1
TL074A
C297
22P
-15V-A2
R311
3.3K


R424
2.13K
0.1%
C324
33N
C648
100P
D10
74HC4094T
SERWR1
+5V-A3
R235 10K
SERCLK1
SRG
C1/
1D
2D
U4
DAC-08CS
LSB
REF +
REF -
VLC
IOUT
IOUT
MSB
COMP
R671
4.7K
R700
10K
N1
TL074AC
C299
22P
-15V-A2
R313
3.3K


+5V-A3
+15V-A3
+5V-A3
+15V-A3
D9
74HC4094T
U3
DAC-08CS
D12
74HC4094T
U2
DAC-08CS
-15V-A2
-15V-A2
-15V-A2





** = NOT FITTED

04.04				1GPK	DATUM	NAME
				BEARB.		BU
				GEPR.		
				NORM		
				PLOTT	99-02-02	BHOFBERGE
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME			

ROHDE&SCHWARZ

ZU GERAET SMIQ

BENENNUNG

IQ-CONVERTER

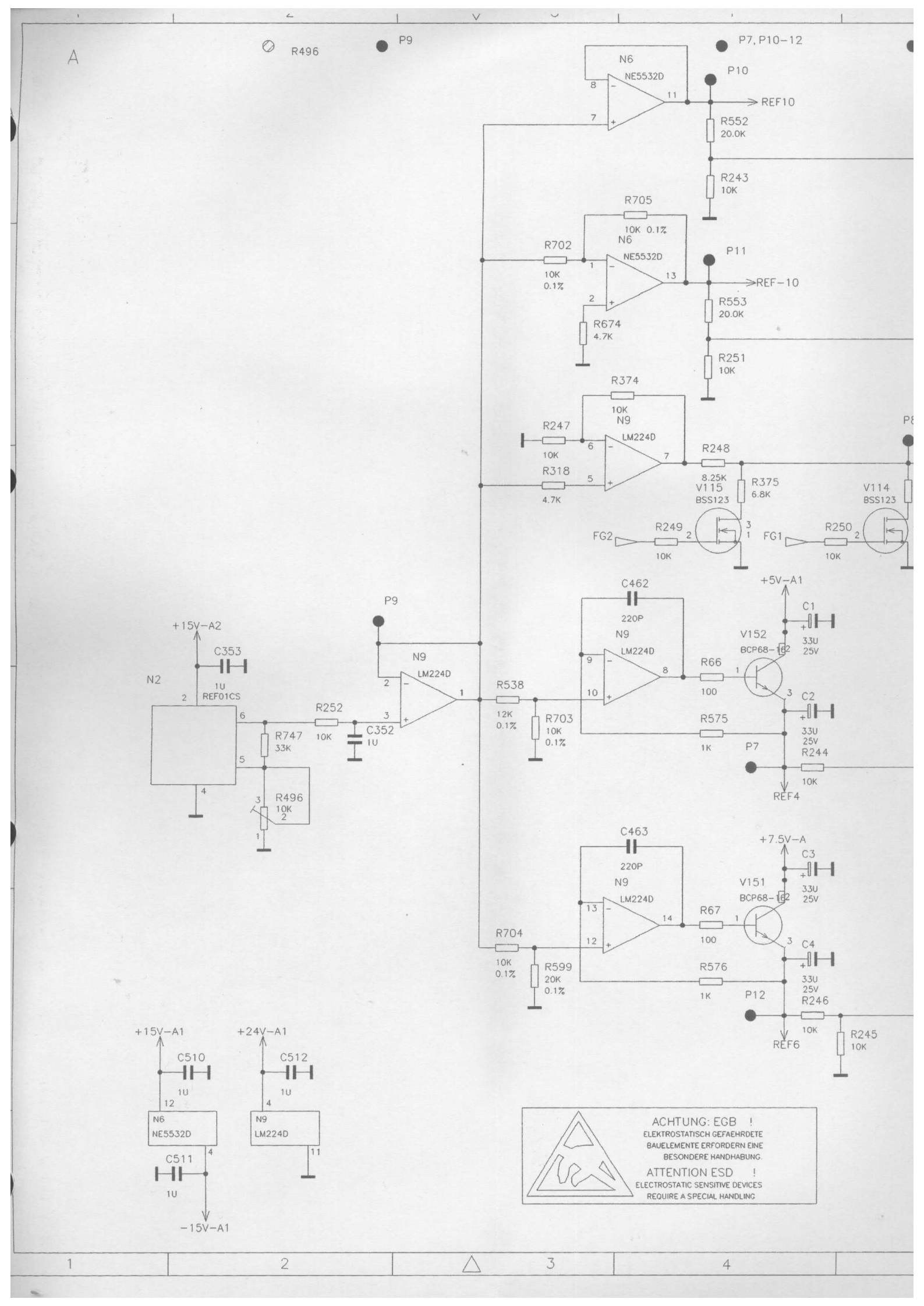
IQ-CONVERTER

TOP/ANSTEUERUNG_91/ANSTEUERUNG.2

ZEICHN.-NR. 1084.9300.01 S

BLATT-NR 15 +

REG.I.V. 1084.8004 | ERSTE Z. 1084.8004.01


A
R496
P9
P7, P10–12
N6
NE5532D
P10
REF10
R552
20.0K
R243
10K
R705
10K 0.1%
R702
10K
0.1%
P11
REF–10
R553
20.0K
R674
4.7K
R251
10K
R374
10K
N9
LM224D
R247
10K
R318
4.7K
R248
8.25K
R375
6.8K
V115
BSS123
V114
BSS123
FG2
R249
10K
FG1
R250
10K
+15V–A2
C353
1U
REF01CS
N2
R252
10K
C352
1U
R747
33K
R496
10K
C462
220P
+5V–A1
C1
33U
25V
V152
BCP68–16
R66
100
C2
R538
12K
0.1%
R703
10K
0.1%
R575
1K
P7
R244
10K
REF4
C463
220P
+7.5V–A
C3
33U
25V
V151
BCP68–16
R67
100
C4
R704
10K
0.1%
R599
20K
0.1%
R576
1K
P12
R246
10K
REF6
R245
10K
+15V–A1
C510
1U
N6
NE5532D
C511
1U
–15V–A1
+24V–A1
C512
1U
N9
LM224D
ACHTUNG: EGB !
ELEKTROSTATISCH GEFAEHRDETE
BAUELEMENTE ERFORDERN EINE
BESONDERE HANDHABUNG.
ATTENTION ESD !
ELECTROSTATIC SENSITIVE DEVICES
REQUIRE A SPECIAL HANDLING

P8

DIAG22

DIAG11

P8

TUNEVD

V114
BSS123

R25
150

3
1

2

DIAG20

DIAG21

R245
10K

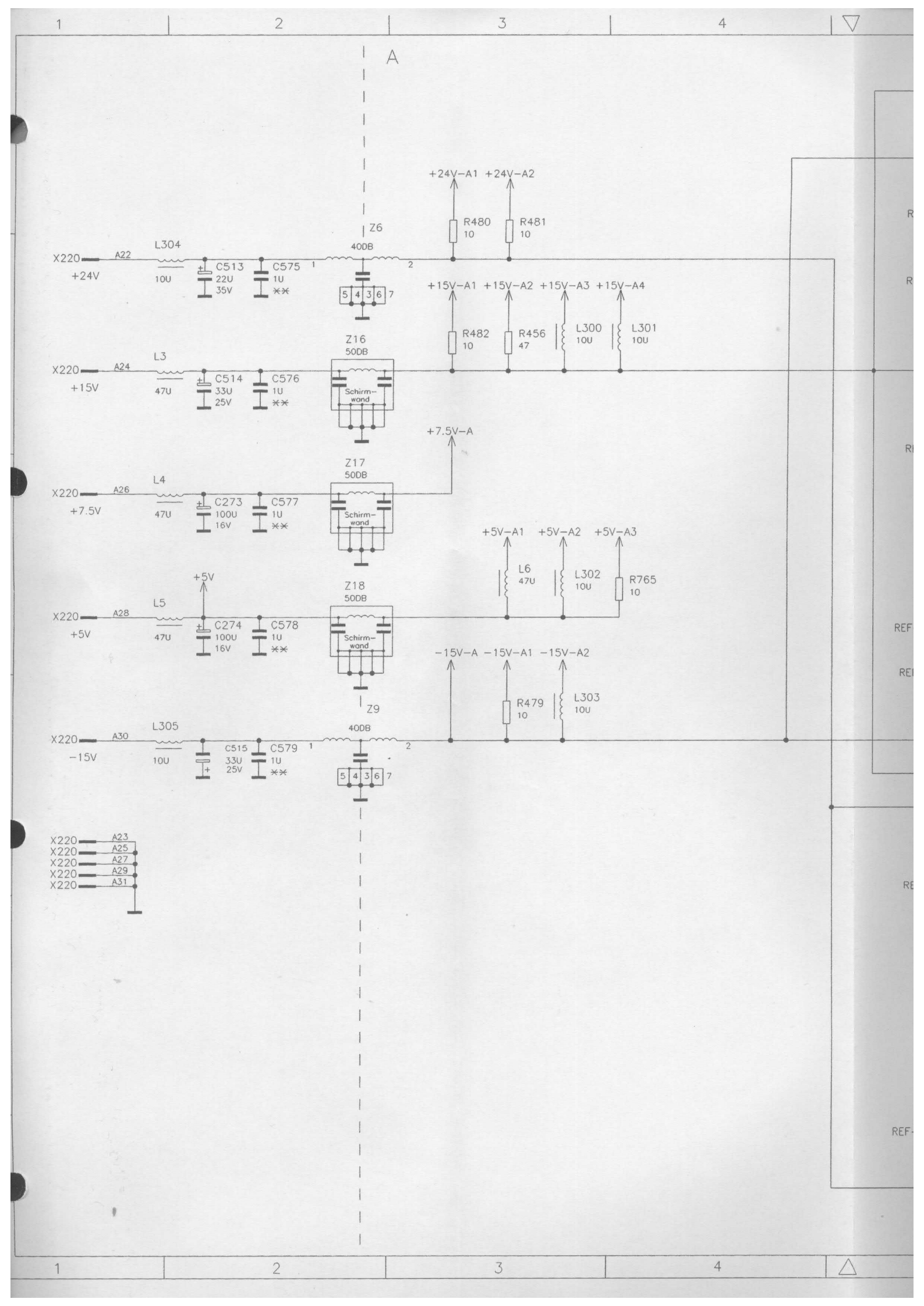
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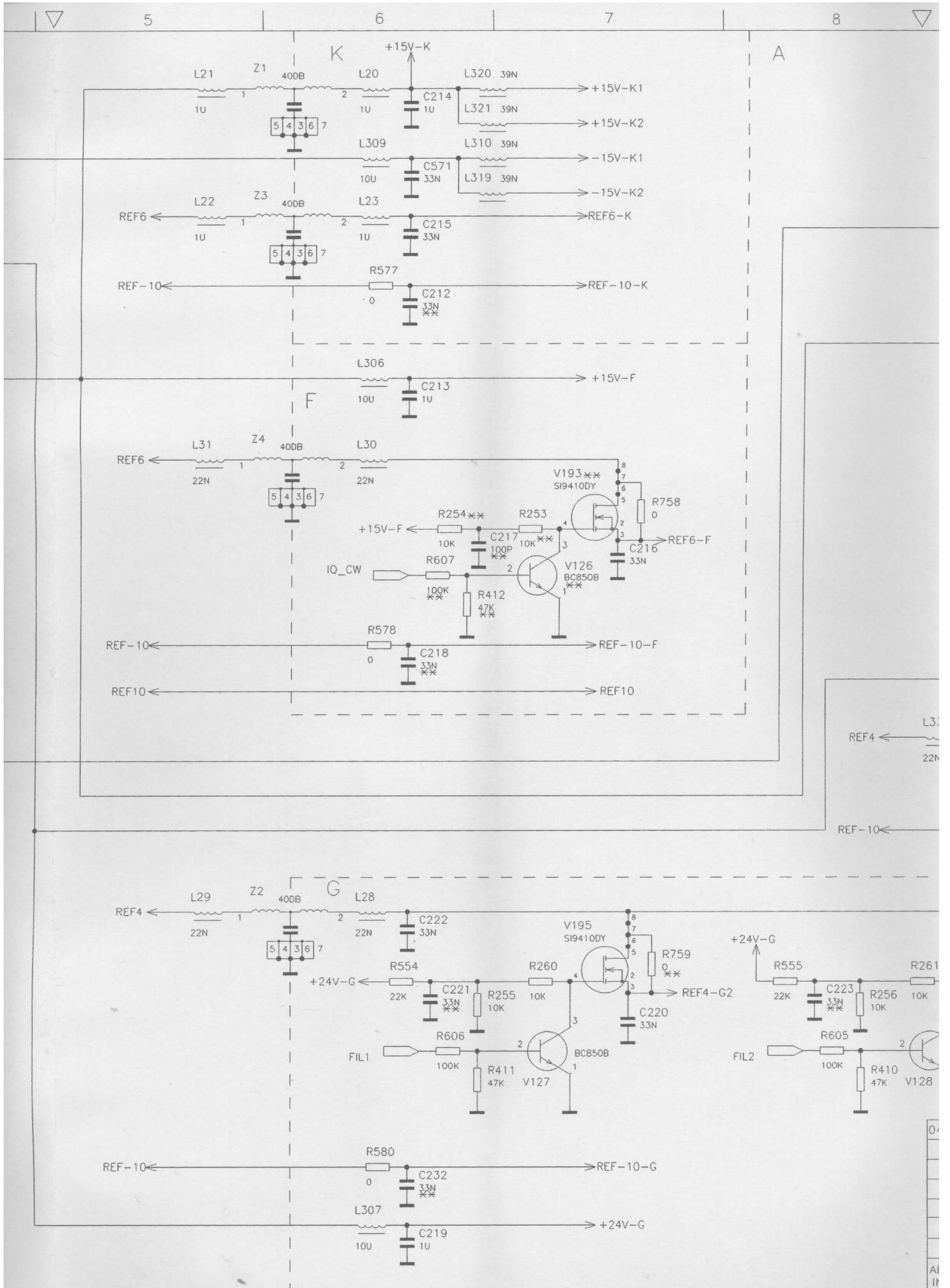
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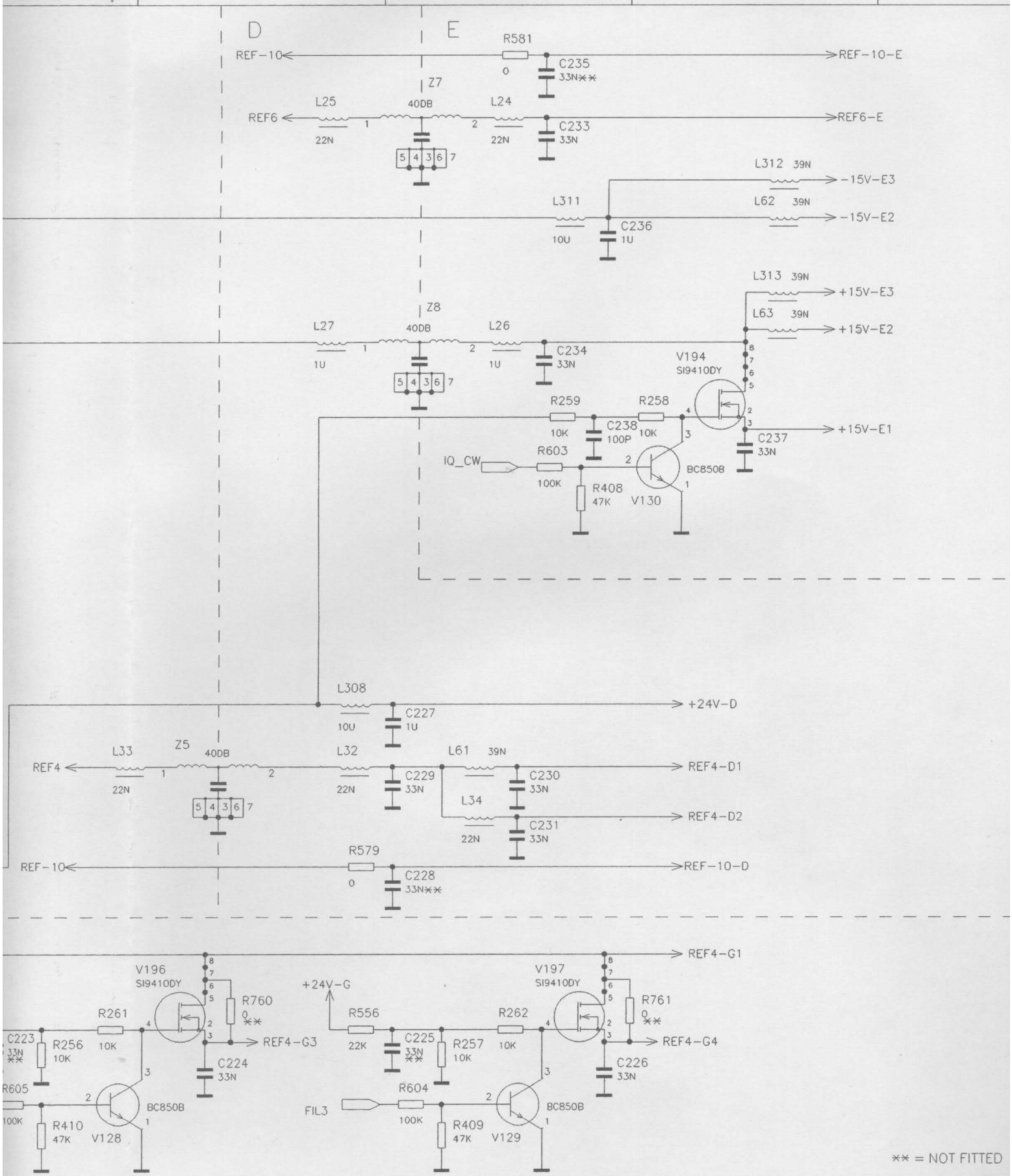
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				BEARB.		BU	IQ-CONVERTER
				GEPR.		BU	IQ-CONVERTER
				NORM			TOP/ANSTEUERUNG_91/ANSTEUERUNG.3
				PLOTT	99-02-02	HOFBERGE	
				ROHDE&SCHWARZ			ZEICHN.-NR. 1084.9300.01 S
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004.01

BLATT-NR. 16 +

△ 5 6 7 8


1
2
3
4
A
X220
A22
+24V
L304
10U
C513
22U
35V
C575
1U
**
Z6
40DB
5 4 3 6 7
+24V-A1
+24V-A2
R480
10
R481
10
X220
A24
+15V
L3
47U
C514
33U
25V
C576
1U
**
Z16
50DB
Schirm-
wand
+15V-A1
+15V-A2
+15V-A3
+15V-A4
R482
10
R456
47
L300
10U
L301
10U
X220
A26
+7.5V
L4
47U
C273
100U
16V
C577
1U
**
Z17
50DB
Schirm-
wand
+7.5V-A
X220
A28
+5V
L5
47U
C274
100U
16V
C578
1U
**
Z18
50DB
Schirm-
wand
+5V-A1
+5V-A2
+5V-A3
L6
47U
L302
10U
R765
10
X220
A30
-15V
L305
10U
C515
33U
25V
C579
1U
**
Z9
40DB
5 4 3 6 7
-15V-A
-15V-A1
-15V-A2
R479
10
L303
10U
X220
A23
X220
A25
X220
A27
X220
A29
X220
A31
REF
REF-


5
6
7
8
K
A
F
G
+15V-K
L21
Z1
40DB
L20
L320 39N
L321 39N
+15V-K1
+15V-K2
1U
C214
C571
33N
L309
L310 39N
L319 39N
-15V-K1
-15V-K2
10U
L22
Z3
L23
REF6
REF6-K
C215
C212
REF-10
REF-10-K
R577
L306
+15V-F
C213
L31
Z4
L30
22N
V193**
SI9410DY
R758
0
R254**
R253
10K
C217
100P
REF6-F
C216
R607
IQ_CW
100K**
V126
BC850B
R412
47K**
R578
REF-10-F
C218
REF10
L29
Z2
L28
C222
V195
R759
R554
R260
+24V-G
22K
C221
R255
REF4-G2
C220
R606
FIL1
R411
V127
R555
R261
C223
R256
R605
FIL2
R410
V128
R580
REF-10-G
C232
L307
C219



** = NOT FITTED

04.04				1GPK	DATUM	NAME
				BEARB.		BU
				GEPR.		
				NORM		
				PLOTT	99-02-02	BHOFBERGE
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME			

BENENNUNG

IQ-CONVERTER

IQ-CONVERTER

TOP/ANSTEUERUNG_91/ANSTEUERUNG.4

ROHDE&SCHWARZ

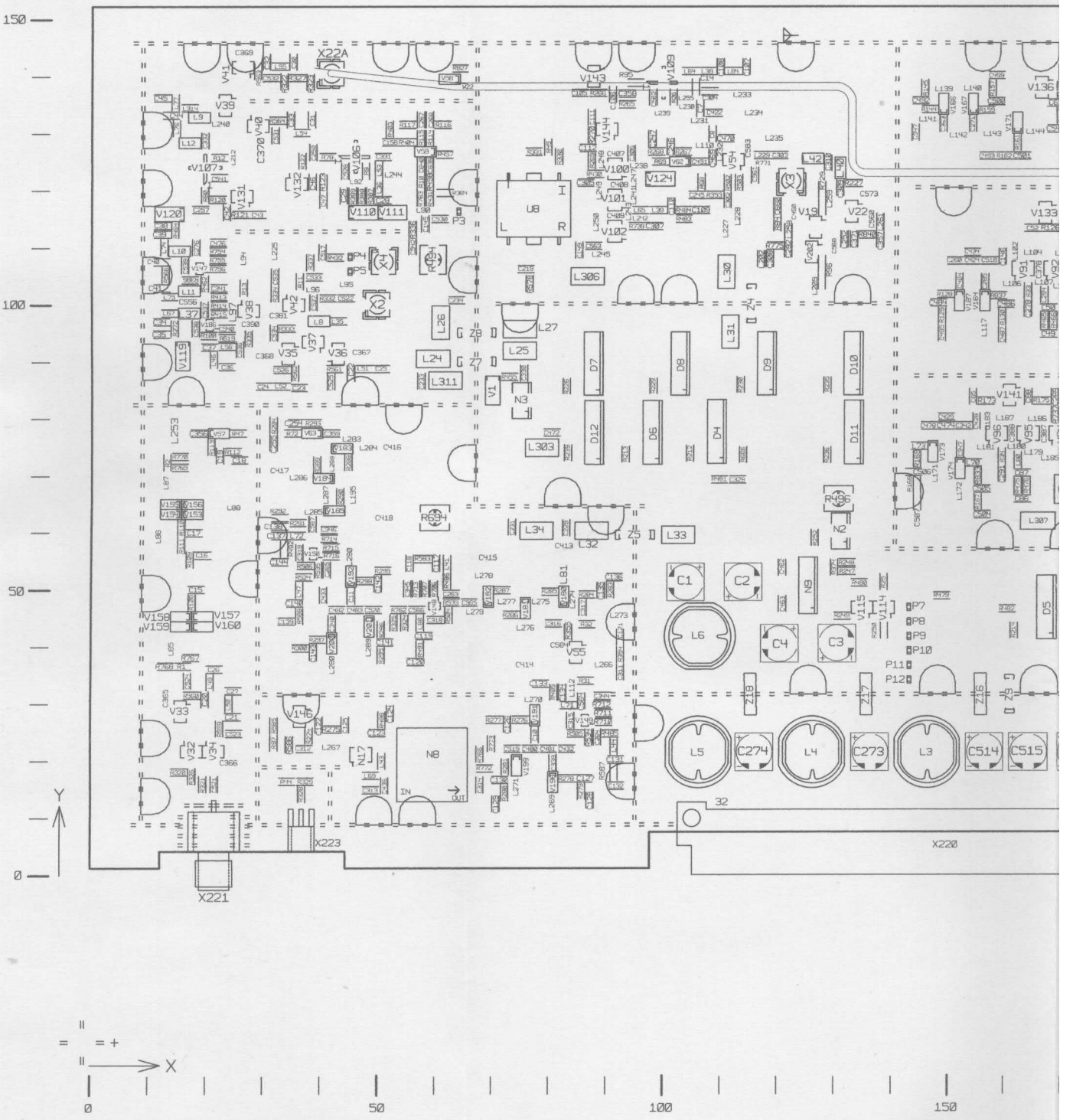
ZEICHN.-NR. 1084.9300.01 S

BLATT-NR. 17 -

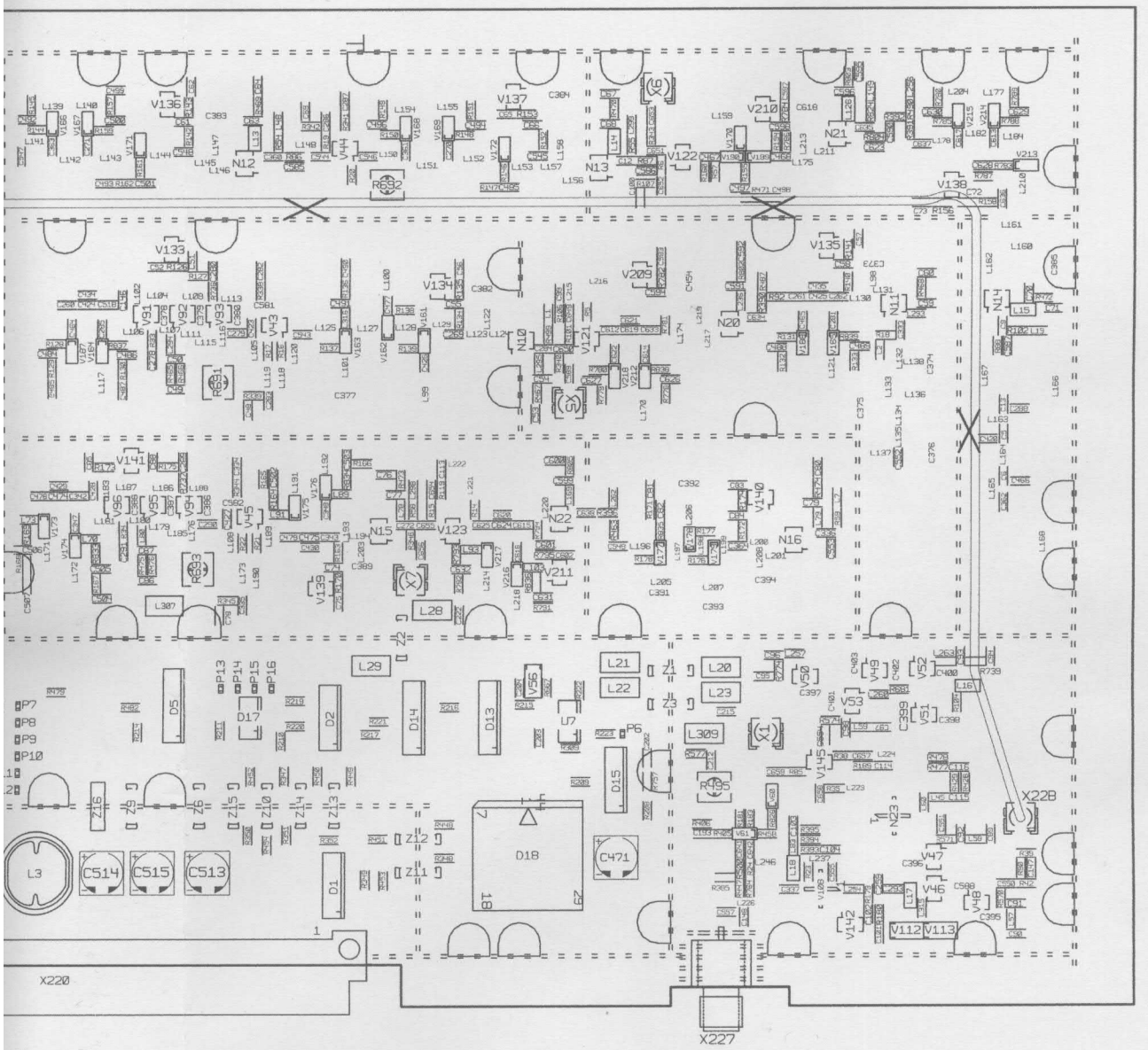
ZU GERAET SMIQ

REG.I.V. 1084.8004

ERSTE Z. 1084.8004.01



LLUNG SEITE B
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.

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

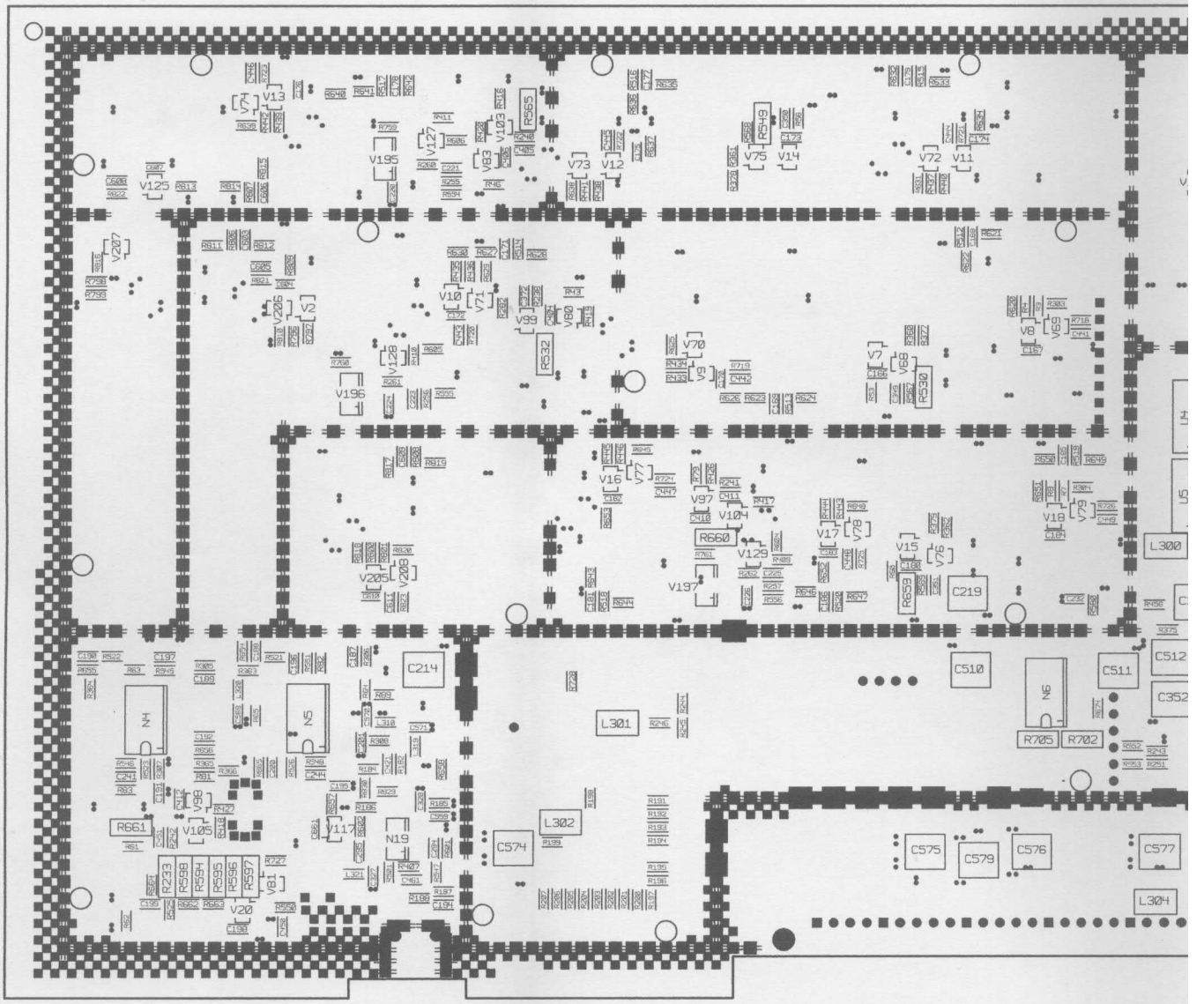
02				IGPK	DATUM	NAME
				BEARB.		BU
				GEPR.		BU
				NORM		
				PLOTT	06.08.06	BAUR_A
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ROHDE&SCHWARZ		
				ZU GERAET SMIQ		

BENENNUNG
IQ-CONVERTER
IQ-CONVERTER

ZEICHN.-NR.
1084.9300.01

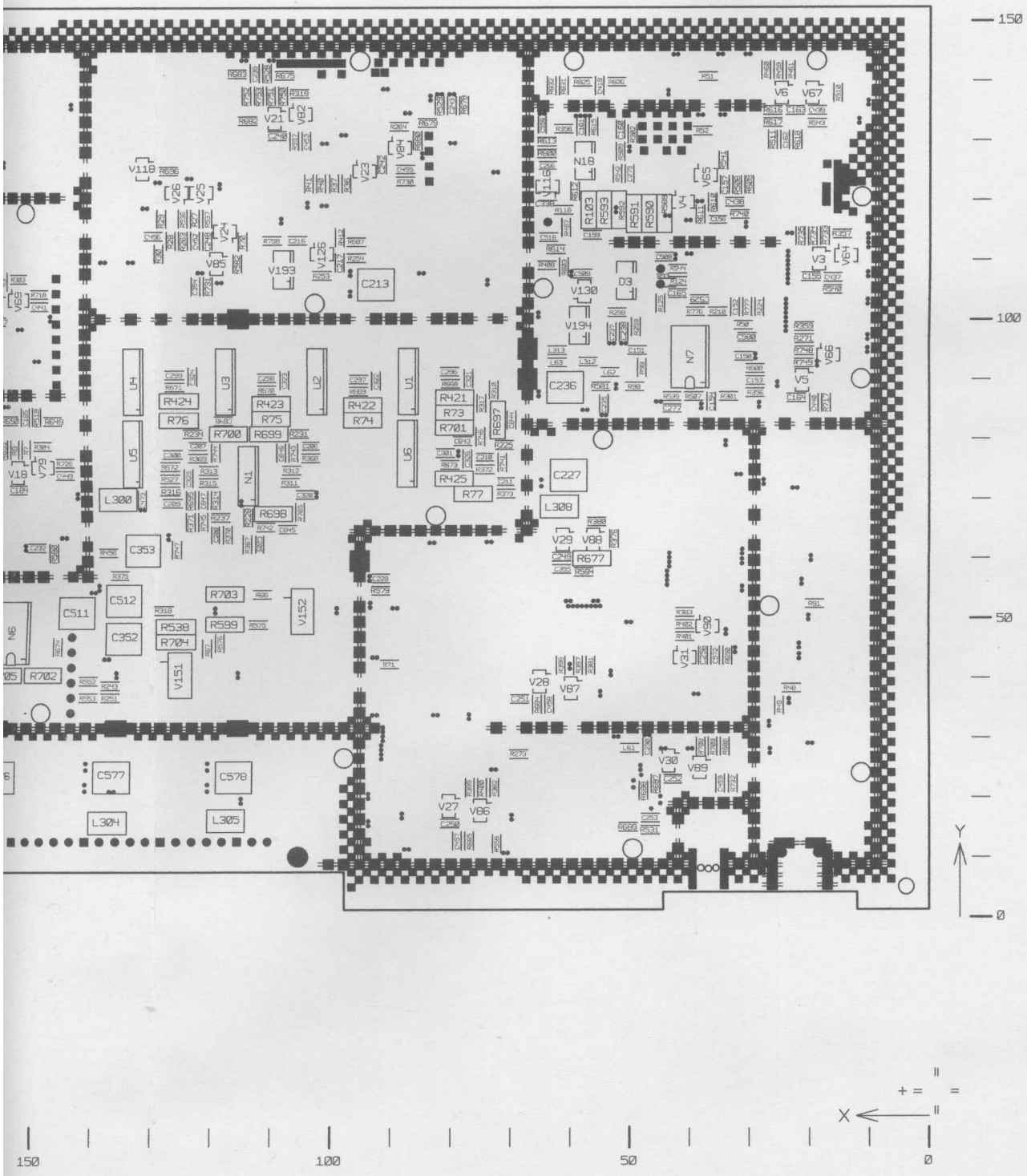
BLATT-N 1+

REG.I.V. 1084.8004 | ERSTE Z. 1084.8004



300 250 200 150

STELLUNG SEITE A
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.

02				1GPK	DATUM	NAME	BENENNUNG
				BEARB.		BU	IQ-CONVERTER
				GEPR.		BU	IQ-CONVERTER
				NORM			
				PLOTT	06.08.96	BAUR_A	ZEICHN.-NR. 1084.9300.01
AEND. IND.	AENDERUNGS-MITTEILUNG	DATUM	NAME	ROHDE&SCHWARZ			BLATT-NR. 2
				ZU GERAET SMIQ			REG.I.V. 1084.8004 ERSTE Z. 1084.8004