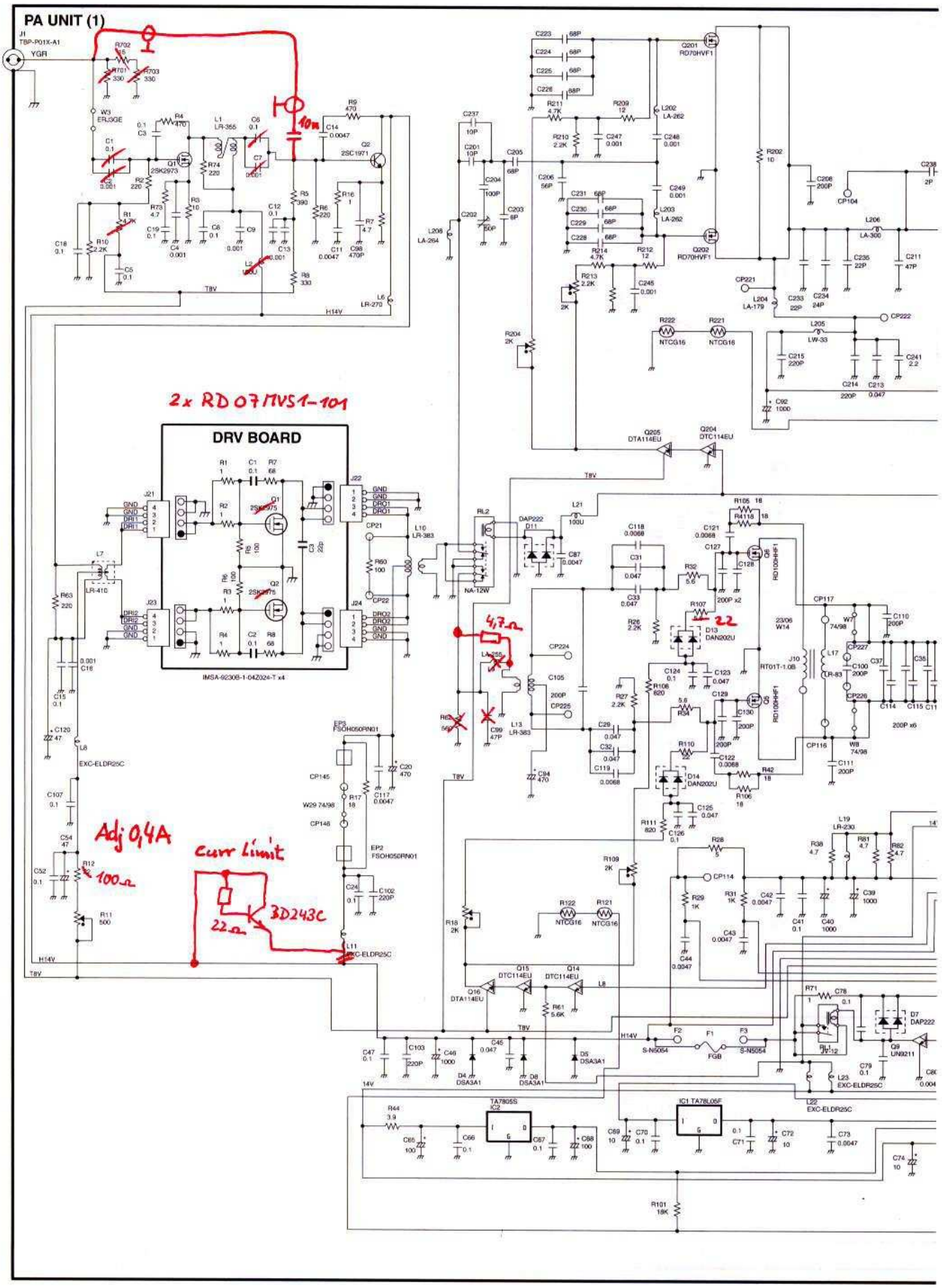
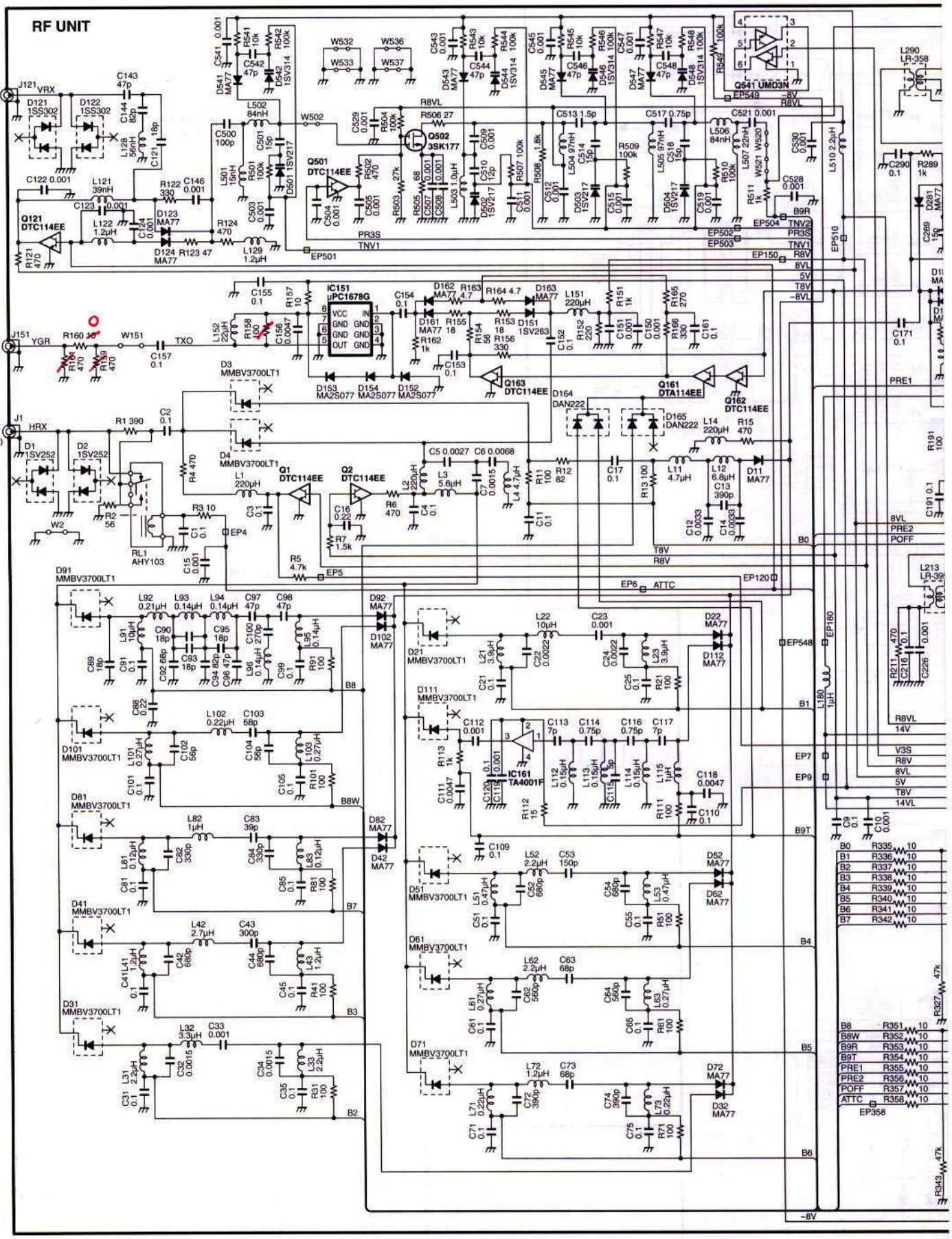
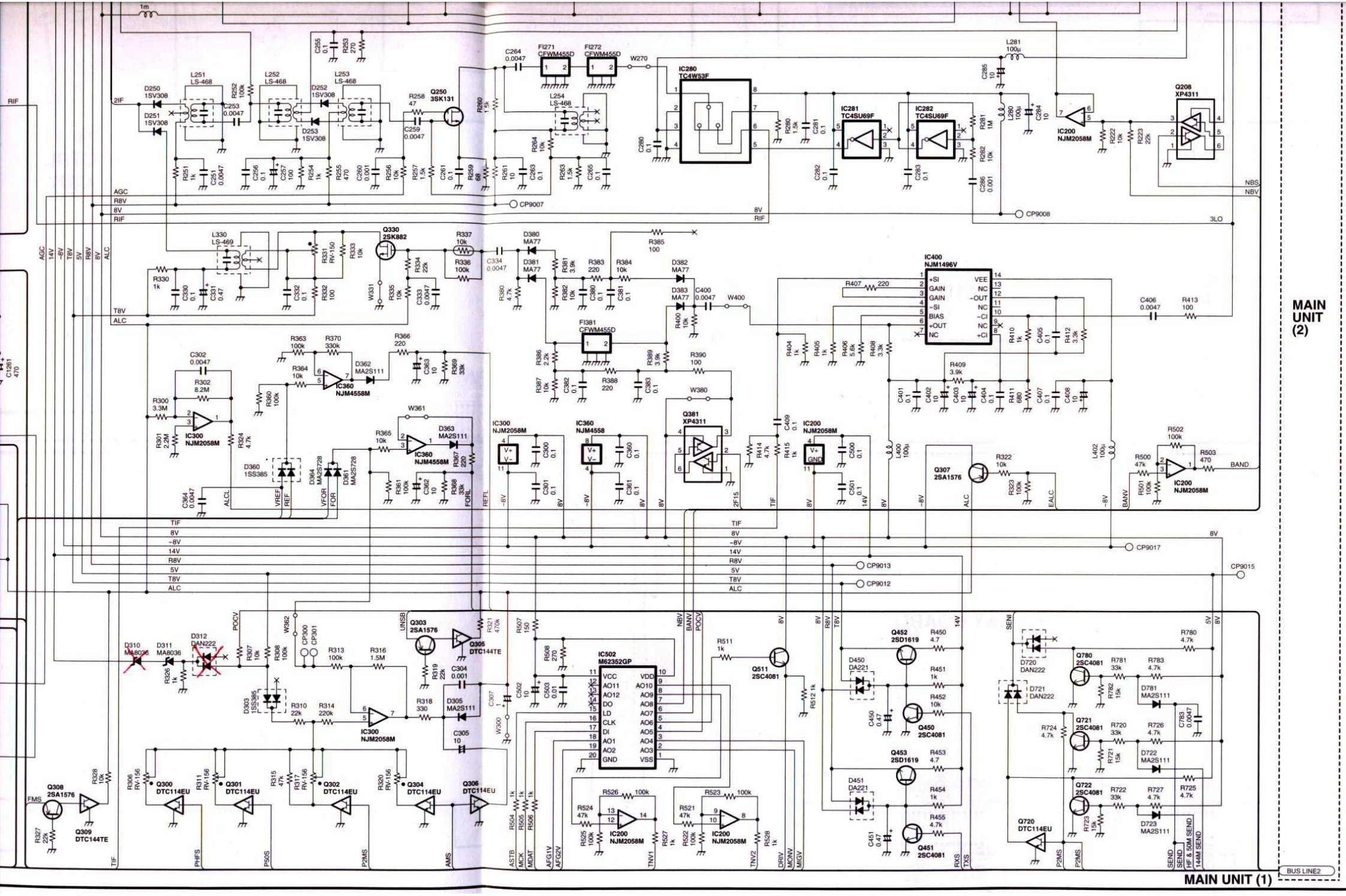

PA UNIT (1)
DRV BOARD
2x RD07MVS1-101
Adj 0,4A
curr Limit
3D243C
22Ω
100Ω
4,7Ω
10m


RF UNIT
from PA unit P601 (J601)
J121
VRX
D121 1SS302
D122 1SS302
C143 47p
C144 82p
C121 18p
L128 56nH
C122 0.001
L121 39nH
C123 0.001
R122 330
C146 0.001
Q121 DTC114EE
L122 1.2μH
C124 0.001
D123 MA77
R124 470
D124 MA77
R123 47
L129 1.2μH
R121 470
EP501
L502 84nH
C500 100p
C501 15p
L501 15nH
R501 100k
D501 1SV217
C503 0.001
W502
Q501 DTC114EE
R502 470
C504 0.001
C505 0.001
R503 27k
R504 100k
C529 0.001
R506 27
Q502 3SK177
R505 68
C507 0.001
C508 0.001
L503 1.0μH
C509 0.001
C510 12p
D502 1SV217
R507 100k
C511 0.001
R508 1.8k
C512 0.001
C513 1.5p
L504 97nH
C514 15p
D503 1SV217
C515 0.001
R509 100k
C517 0.75p
L505 97nH
C518 15p
D504 1SV217
C519 0.001
R510 100k
L506 84nH
C521 0.001
L507 22nH
W521
W520
R511 1k
C528 0.001
C530 0.001
L510 2.2μH
L290 LR-358
C290 0.1
R289 1k
D251 MA77
C269 150
W532
W533
W536
W537
C541 0.001
R541 10k
R542 100k
D541 MA77
C542 47p
D542 1SV314
C543 0.001
R543 10k
R544 100k
D543 MA77
C544 47p
D544 1SV314
C545 0.001
R545 10k
R546 100k
D545 MA77
C546 47p
D546 1SV314
C547 0.001
R547 10k
R548 100k
D547 MA77
C548 47p
D548 1SV314
R549 100k
Q541 UMD3N
EP549
-8V
R8VL
B9R
EP504
TNV2
PR3S
EP502
EP503
TNV1
EP150
R8V
8VL
5V
T8V
-8V
EP510
PRE1
C155 0.1
R157 10
IC151 μPC1678G
VCC
GND
GND
OUT
IN
GND
GND
GND
C154 0.1
D162 MA77
R163 4.7
R164 4.7
D163 MA77
L151 220μH
R151 1k
R165 270
D161 MA77
R155 18
R153 18
D151 1SV263
R154 56
R156 330
R162 1k
C152 0.1
R152 220
C151 0.001
C150 0.001
R166 330
C161 0.1
C171 0.1
to PA unit P1(J1)
J151
YGR
R160 10
W151
TXO
R158 100
C156 0.0047
L152 22μH
R161 470
R159 470
C157 0.1
D153 MA2S077
D154 MA2S077
D152 MA2S077
C153 0.1
Q163 DTC114EE
Q161 DTA114EE
Q162 DTC114EE
D164 DAN222
D165 DAN222
L14 220μH
R15 470
D3 MMBV3700LT1
D4 MMBV3700LT1
from CTRL unit P2(J2)
J1
HRX
R1 390
C2 0.1
D1 1SV252
D2 1SV252
R4 470
R2 56
W2
RL1 AHY103
R3 10
C1 0.1
EP4
C15 0.001
L1 220μH
Q1 DTC114EE
Q2 DTC114EE
C3 0.1
C16 0.22
R7 1.5k
R6 470
L2 220μH
C4 0.1
C5 0.0027
C6 0.0068
L3 5.6μH
C7 0.0015
L4 4.7μH
R11 100
R12 82
C17 0.1
R13 100
L11 4.7μH
L12 6.8μH
C13 390p
D11 MA77
C11 0.1
C12 0.0033
C14 0.0033
R5 4.7k
EP5
EP6
ATTC
EP120
B0
T8V
R8V
8VL
PRE2
POFF
L213 LR-39
D91 MMBV3700LT1
L92 0.21μH
L93 0.14μH
L94 0.14μH
C97 47p
C98 47p
D92 MA77
D102 MA77
L91 10μH
C90 18p
C95 18p
C100 270p
L95 0.14μH
C89 18p
C91 0.1
C92 68p
C93 18p
C94 82p
C96 47p
L96 0.14μH
C99 0.1
R91 100
B8
C88 0.22
D101 MMBV3700LT1
L101 0.27μH
L102 0.22μH
C103 68p
C102 56p
C104 56p
L103 0.27μH
C101 0.1
C105 0.1
R101 100
B8W
D81 MMBV3700LT1
L82 1μH
C83 39p
D82 MA77
D42 MA77
L81 0.12μH
C82 330p
C84 330p
L83 0.12μH
C81 0.1
C85 0.1
R81 100
B7
D41 MMBV3700LT1
L42 2.7μH
C43 300p
C41L41 1.2μH
C42 680p
C44 680p
L43 1.2μH
C45 0.1
R41 100
B3
D31 MMBV3700LT1
L32 3.3μH
C33 0.001
L31 2.2μH
C32 0.0015
C34 0.0015
L33 2.2μH
C35 0.1
R31 100
B2
D21 MMBV3700LT1
L21 3.9μH
L22 10μH
C23 0.001
D22 MA77
C22 0.0022
C24 0.0022
L23 3.9μH
D112 MA77
C21 0.1
C25 0.1
R21 100
EP548
EP180
L180 1μH
B1
D111 MMBV3700LT1
C112 0.001
C113 7p
C114 0.75p
C116 0.75p
C117 7p
R113 1k
IC161 TA4001F
C120 0.1
C119 0.001
C111 0.0047
L112 0.15μH
L113 0.15μH
C115 5p
L114 0.15μH
L115 1μH
C118 0.0047
R112 15
R111 100
C110 0.1
EP7
EP9
R8VL
14V
V3S
R8V
8VL
5V
T8V
14VL
C9 0.1
C10 0.001
B9T
C109 0.1
L52 2.2μH
C53 150p
D52 MA77
D51 MMBV3700LT1
L51 0.47μH
C52 680p
C54 680p
L53 0.47μH
D62 MA77
C51 0.1
C55 0.1
R51 100
B4
D61 MMBV3700LT1
L62 2.2μH
C63 68p
L61 0.27μH
C62 560p
C64 560p
L63 0.27μH
C61 0.1
C65 0.1
R61 100
B5
D71 MMBV3700LT1
L72 1.2μH
C73 68p
D72 MA77
D32 MA77
L71 0.22μH
C72 390p
C74 390p
L73 0.22μH
C71 0.1
C75 0.1
R71 100
B6
-8V
B0 R335 10
B1 R336 10
B2 R337 10
B3 R338 10
B4 R339 10
B5 R340 10
B6 R341 10
B7 R342 10
R327 47k
B8 R351 10
B8W R352 10
B9R R353 10
B9T R354 10
PRE1 R355 10
PRE2 R356 10
POFF R357 10
ATTC R358 10
EP358
R343 47k


MAIN UNIT (2)
MAIN UNIT (1)
BUS LINE2
IC280 TC4W53F
IC281 TC4SU69F
IC282 TC4SU69F
IC200 NJM2058M
Q208 XP4311
IC400 NJM1496V
IC300 NJM2058M
IC360 NJM4558M
Q330 2SK882
Q250 3SK131
Q381 XP4311
Q307 2SA1576
IC502 M62352GP
Q303 2SA1576
Q305 DTC144TE
Q308 2SA1576
Q309 DTC144TE
Q300 DTC114EU
Q301 DTC114EU
Q302 DTC114EU
Q304 DTC114EU
Q306 DTC114EU
Q511 2SC4081
Q452 2SD1619
Q450 2SC4081
Q453 2SD1619
Q451 2SC4081
Q780 2SC4081
Q721 2SC4081
Q722 2SC4081
Q720 DTC114EU
CP9007
CP9008
CP9017
CP9013
CP9012
CP9015
BAND
NBS
NBV
3LO
RIF
2IF
AGC
R8V
8V
T8V
5V
ALC
TIF
14V
-8V
FMS
PHFS
P50S
P2MS
AMS
ASTB
MCK
MDAT
AFG1V
AFG2V
TNV1
TNV2
DRIV
MONV
MIGV
RXS
TXS
SENI
SEND
HF & 50M SEND
144M SEND
EALC
VREF
REF
VFOR
FOR
FORL
REFL
2F15
POCV
UNSB
BANV