

U_CONN
CONN.SchDoc

SWR_HF
SWR_HF.SchDoc

U_CONTROL
CONTROL.SchDoc

U_LNA
LNA.SchDoc

SWR_VHF
SWR_VHF.SchDoc

HF_AMP
HF_AMP.SchDoc

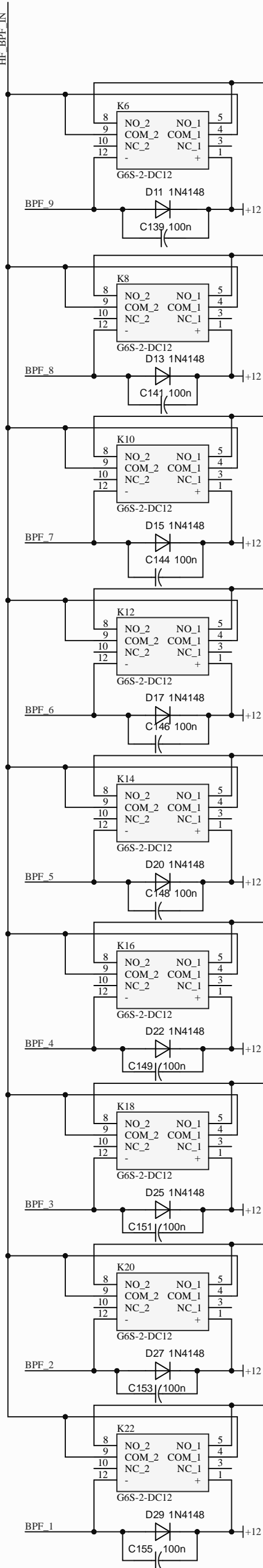
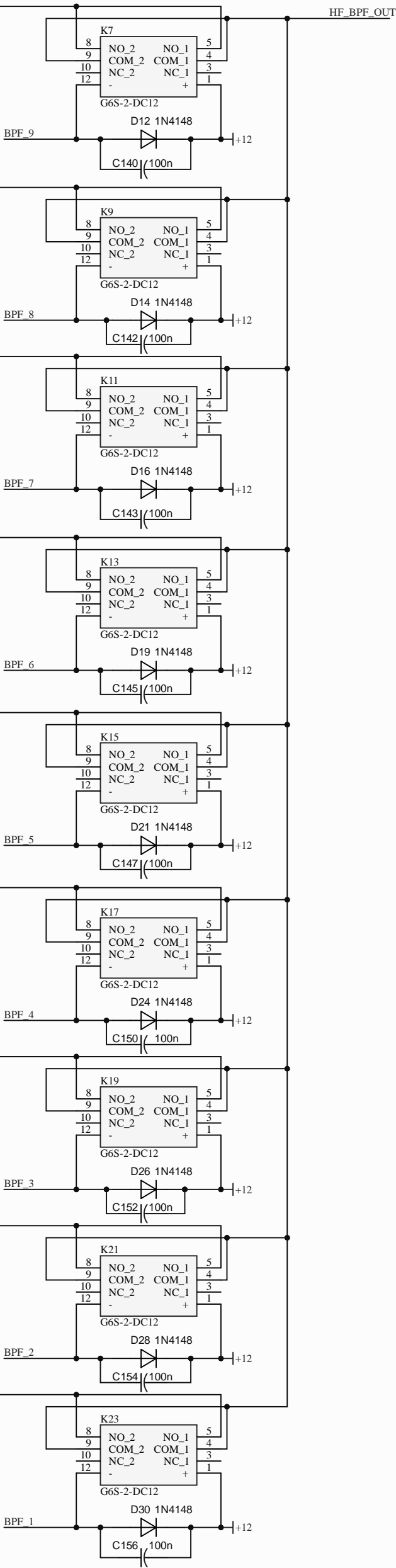
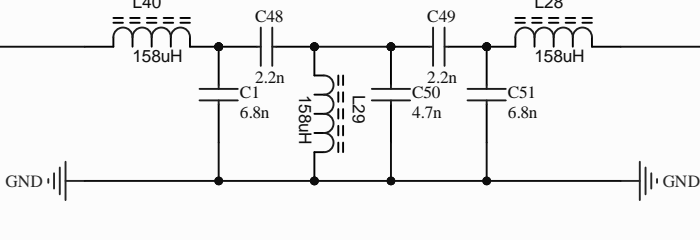
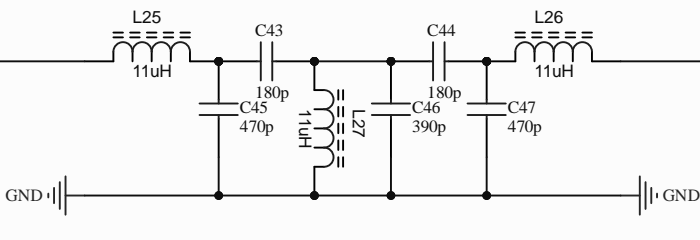
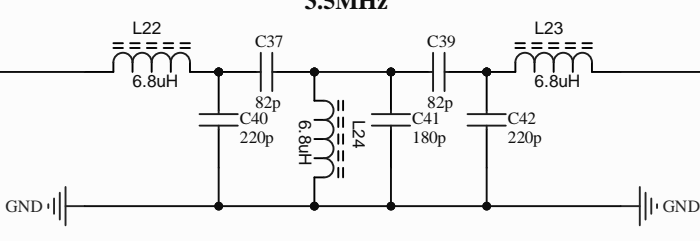
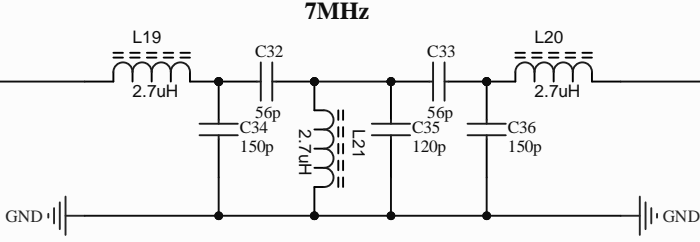
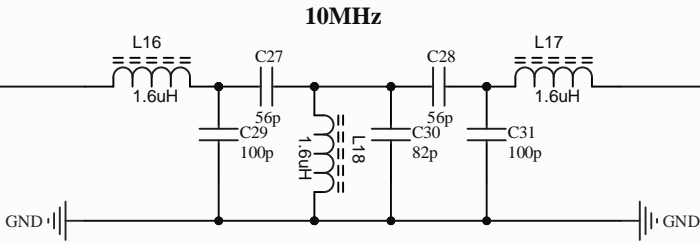
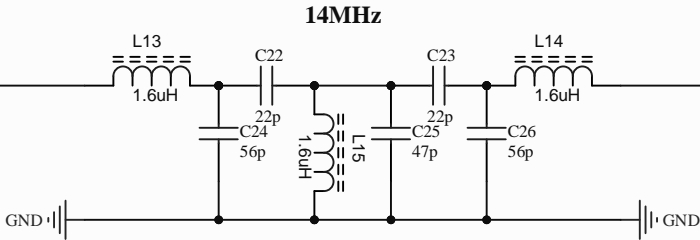
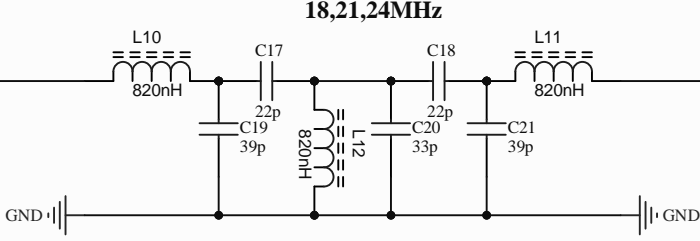
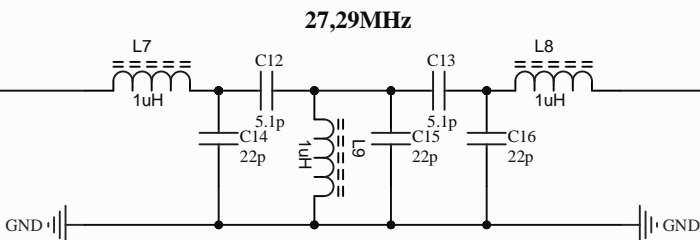
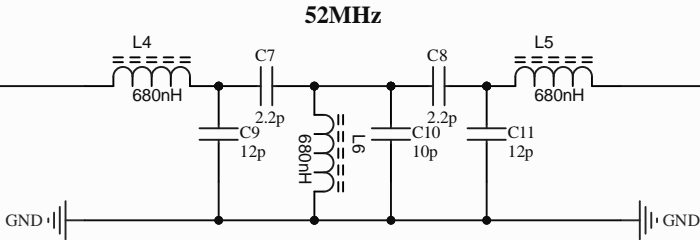
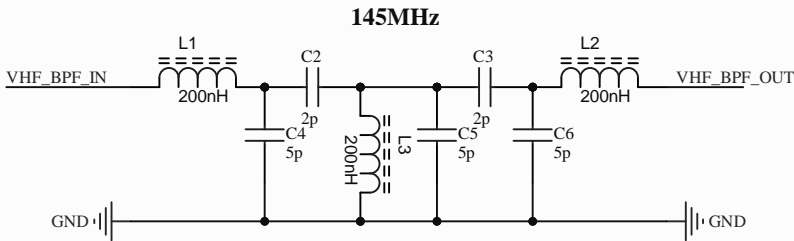
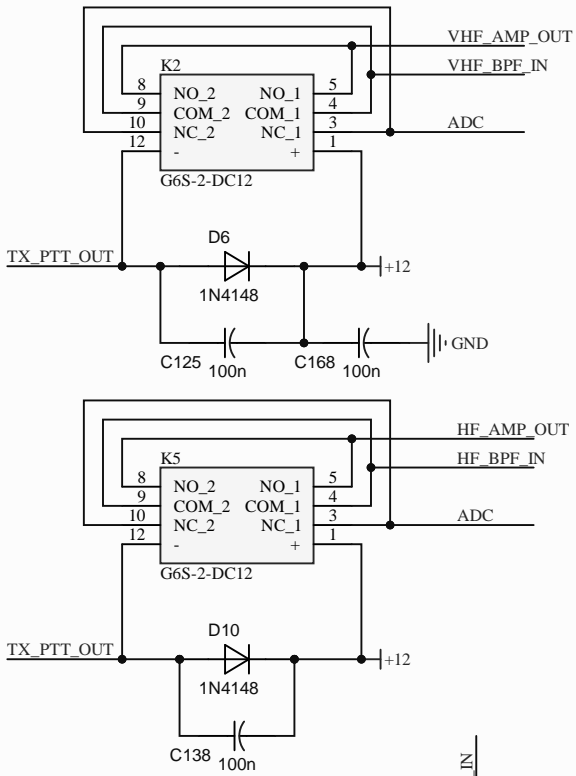
HF_TUNER
HF_TUNER.SchDoc

U_BPF
BPF.SchDoc

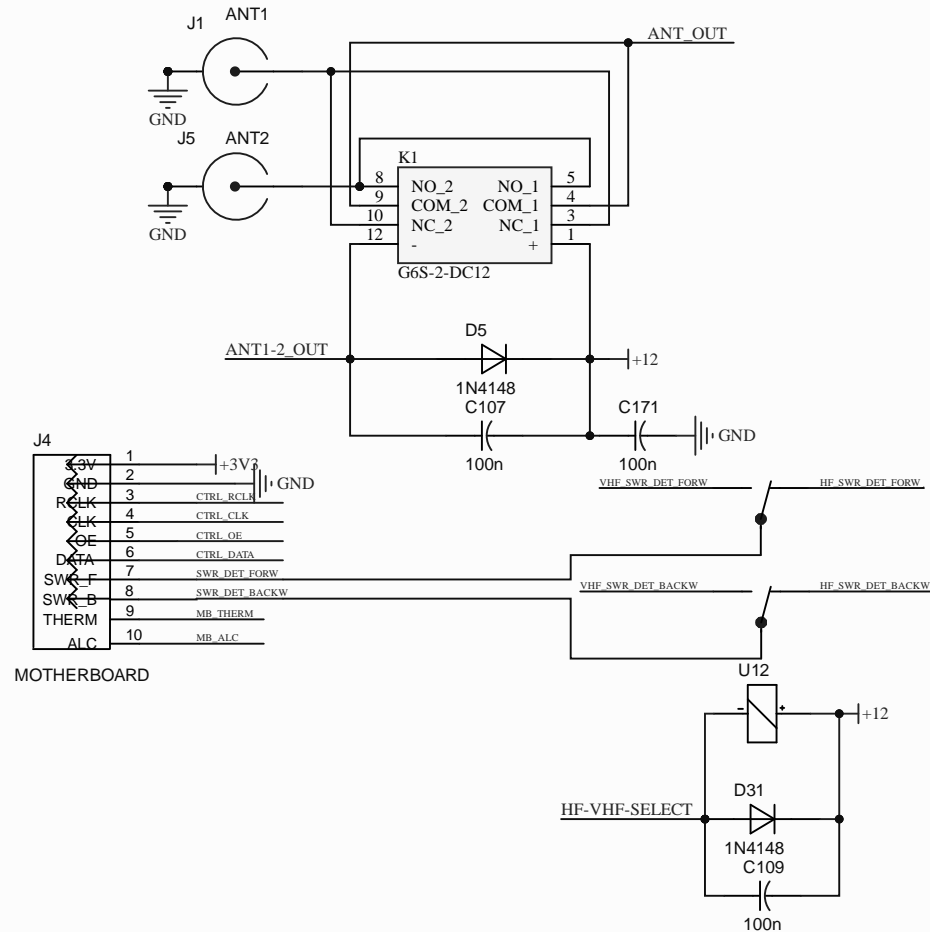
HF_AMP_DRIVER
HF_AMP_DRIVER.SchDoc

VHF_AMP
VHF_AMP.SchDoc

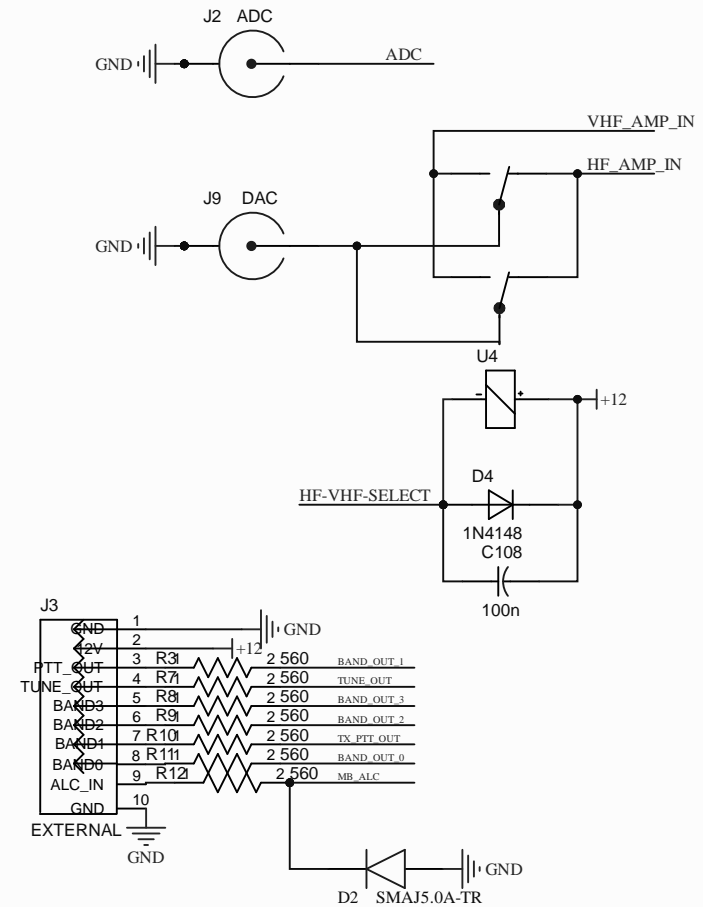
BPF




- 0.5mm cord
- 2200m - 158uH - M1000HM3-5 K16*10*4.5 - 19.5 turns
 - 160m - 11uH - T68-2 - 44 turns
 - 80m - 6.8uH - T68-2 - 35 turns
 - 40m - 2.7uH - T68-2 - 22 turns
 - 30m - 1.6uH - T68-2 - 17 turns
 - 20m - 1.6uH - T68-2 - 17 turns
 - 17.15,12m - 820nH - T68-2 - 12 turns
 - CB,10m - 1uH - T68-2 - 13 turns
 - 6m - 680nH - T50-6 - 12 turns
 - 2m - 200nH - air - 6 turns, 7mm diam

TXRX_COMUTATOR

CONN



Title CONNECTIONS			
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File: D:\Dropbox\Develop\Projects\WOLF\Scheme\ALTUM_DESIGNER\RF-UNIT-BIG\CONN.SchDoc			

A

B

C

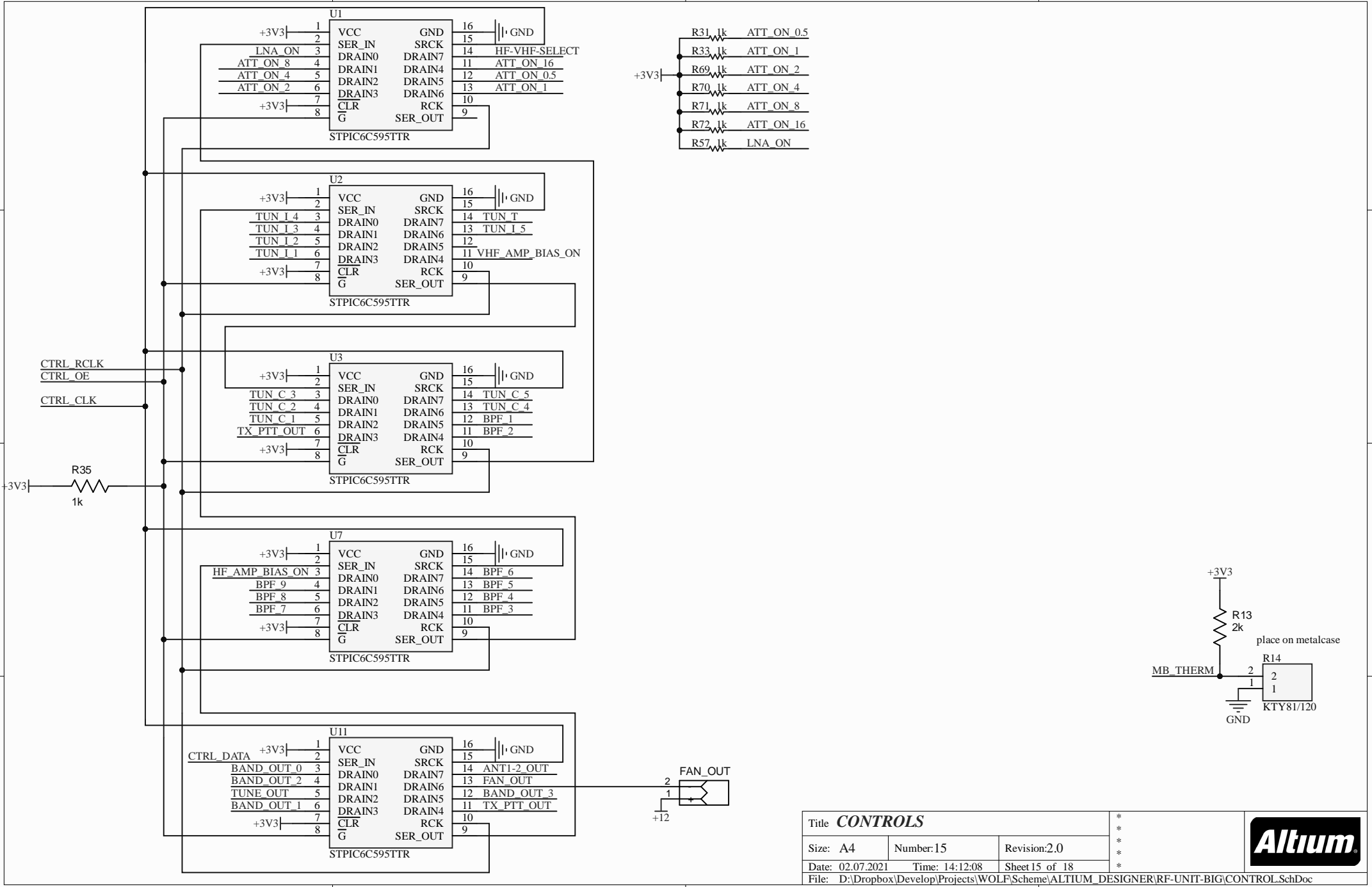
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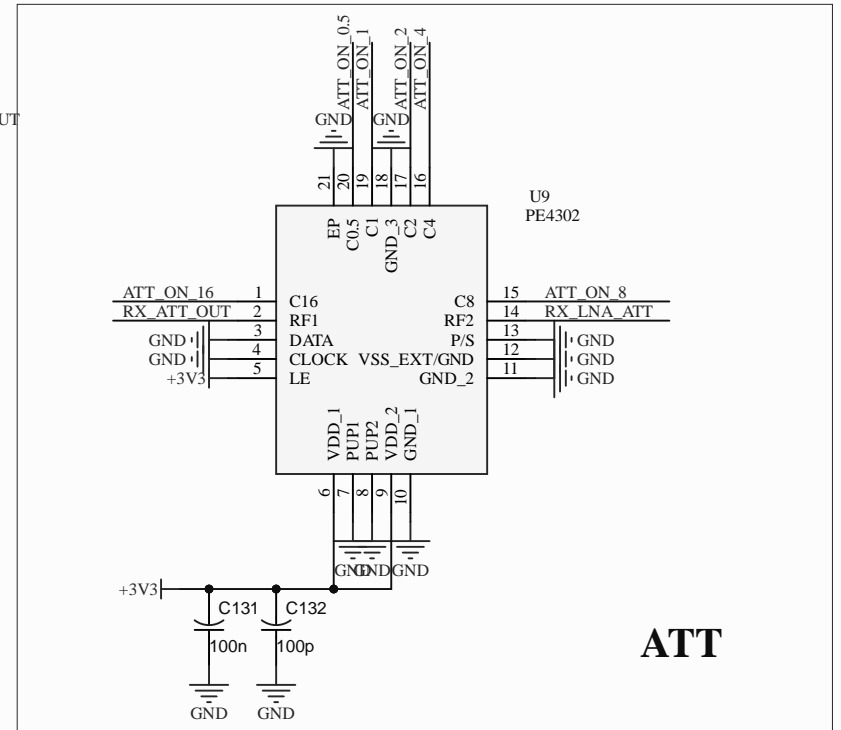
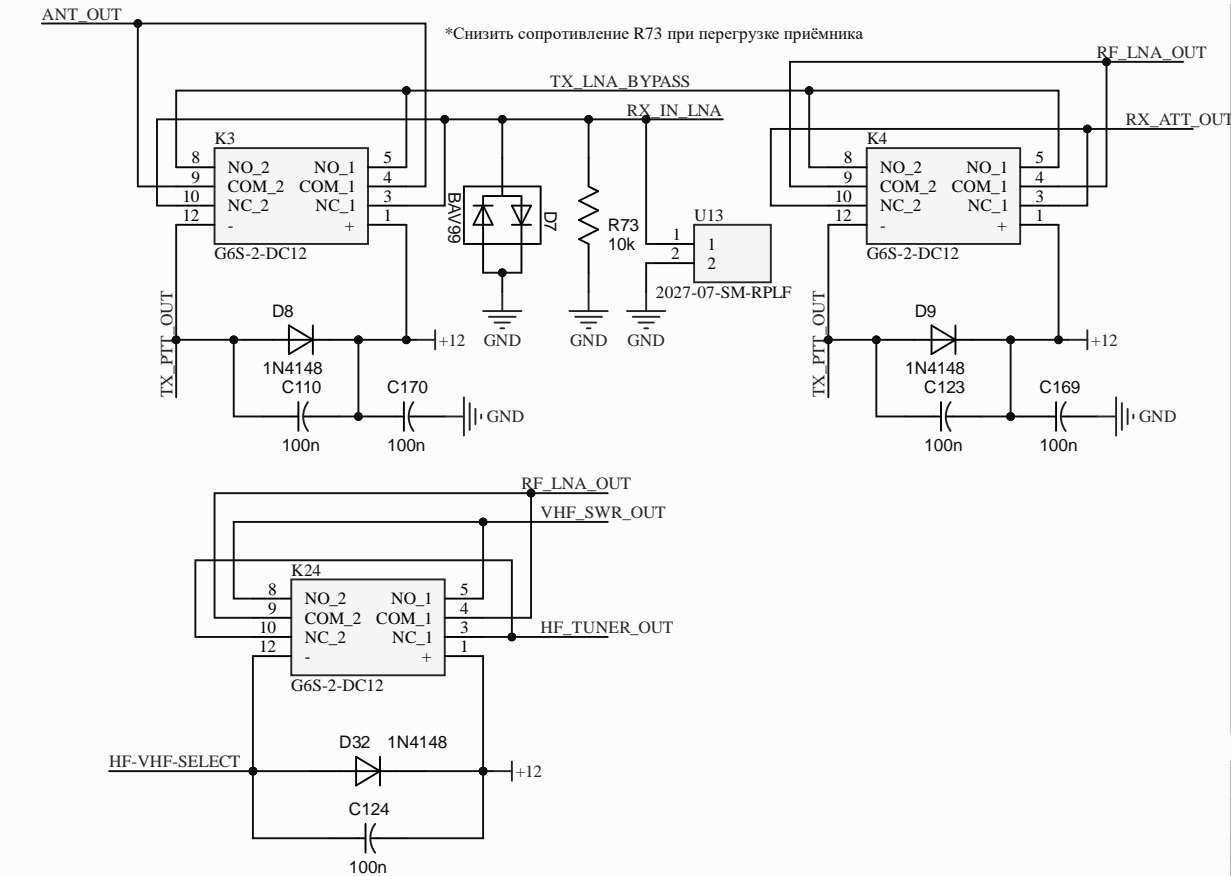
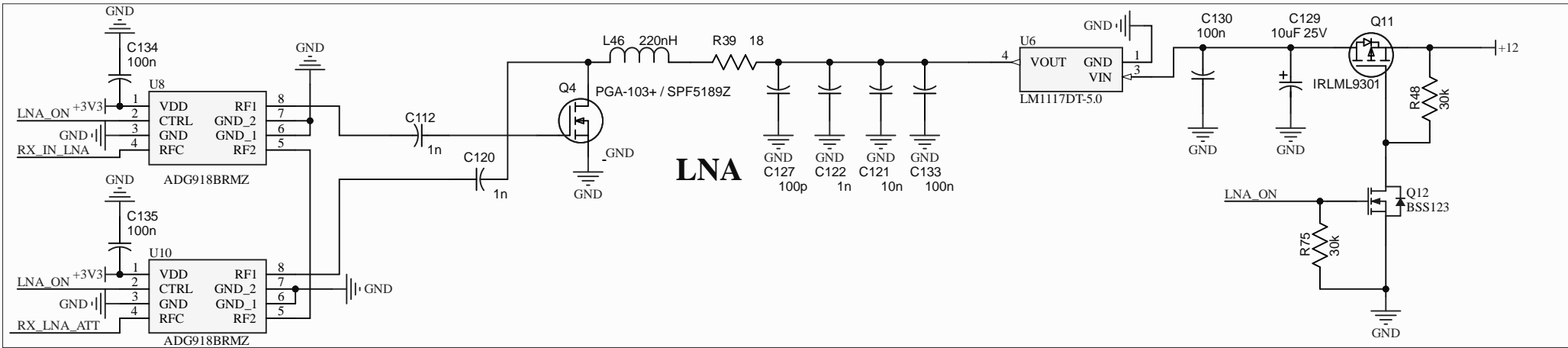
A

B

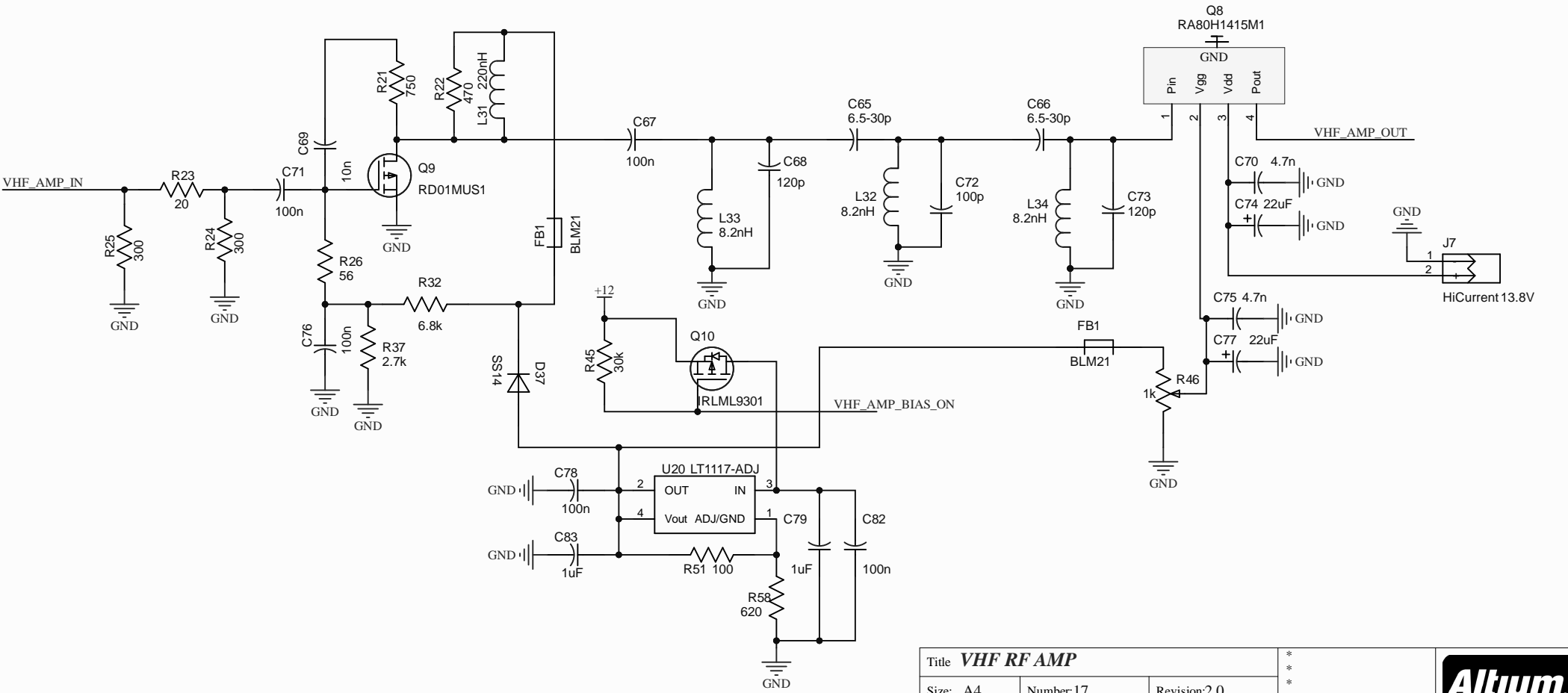
C

D

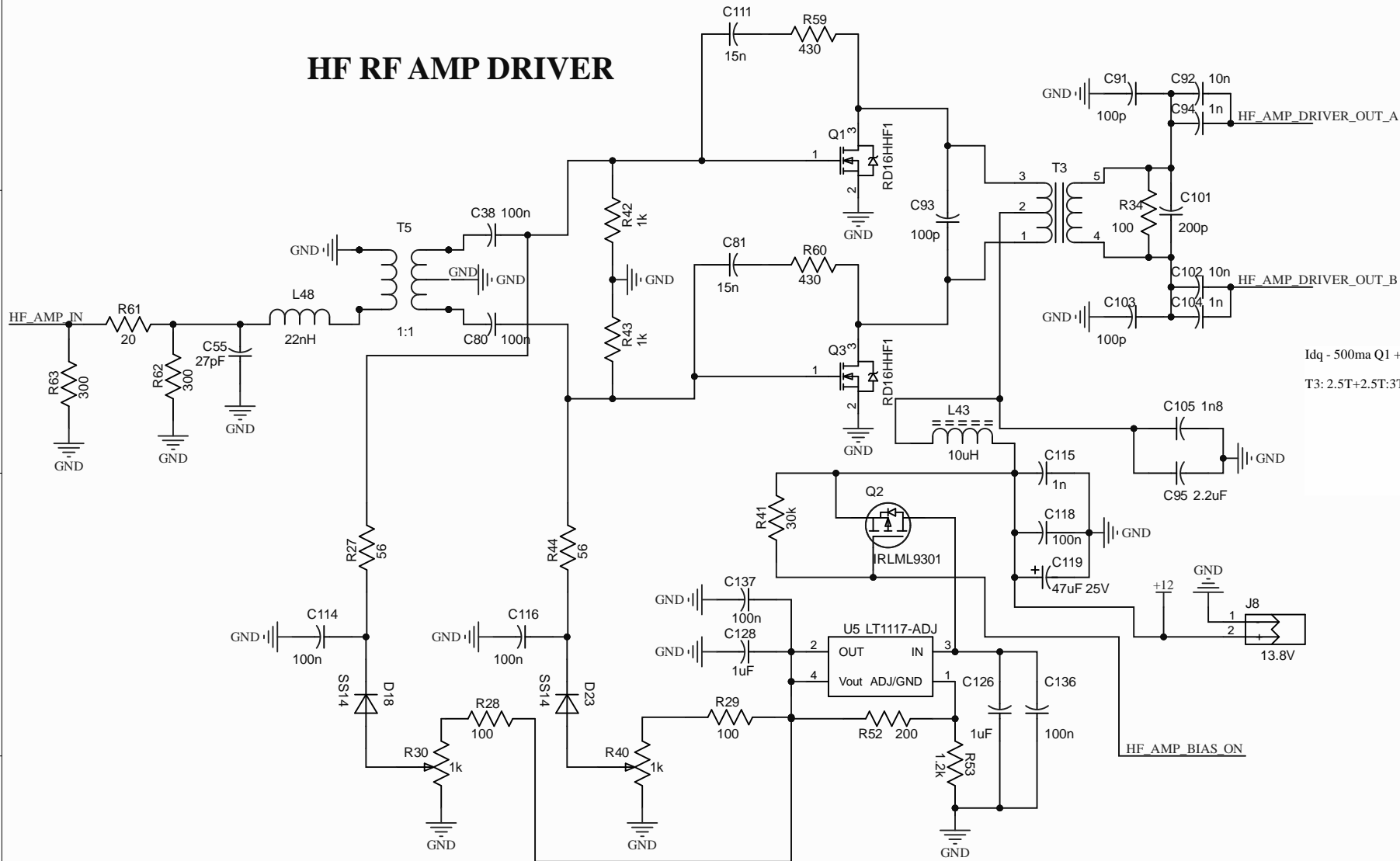




VHF RF AMP



HF RF AMP DRIVER



Idq - 500ma Q1 + 500ma Q3
T3: 2.5T+2.5T:3T 0.8mm BN-43-202

Title **HF RF AMP DRIVER**

Size: A4

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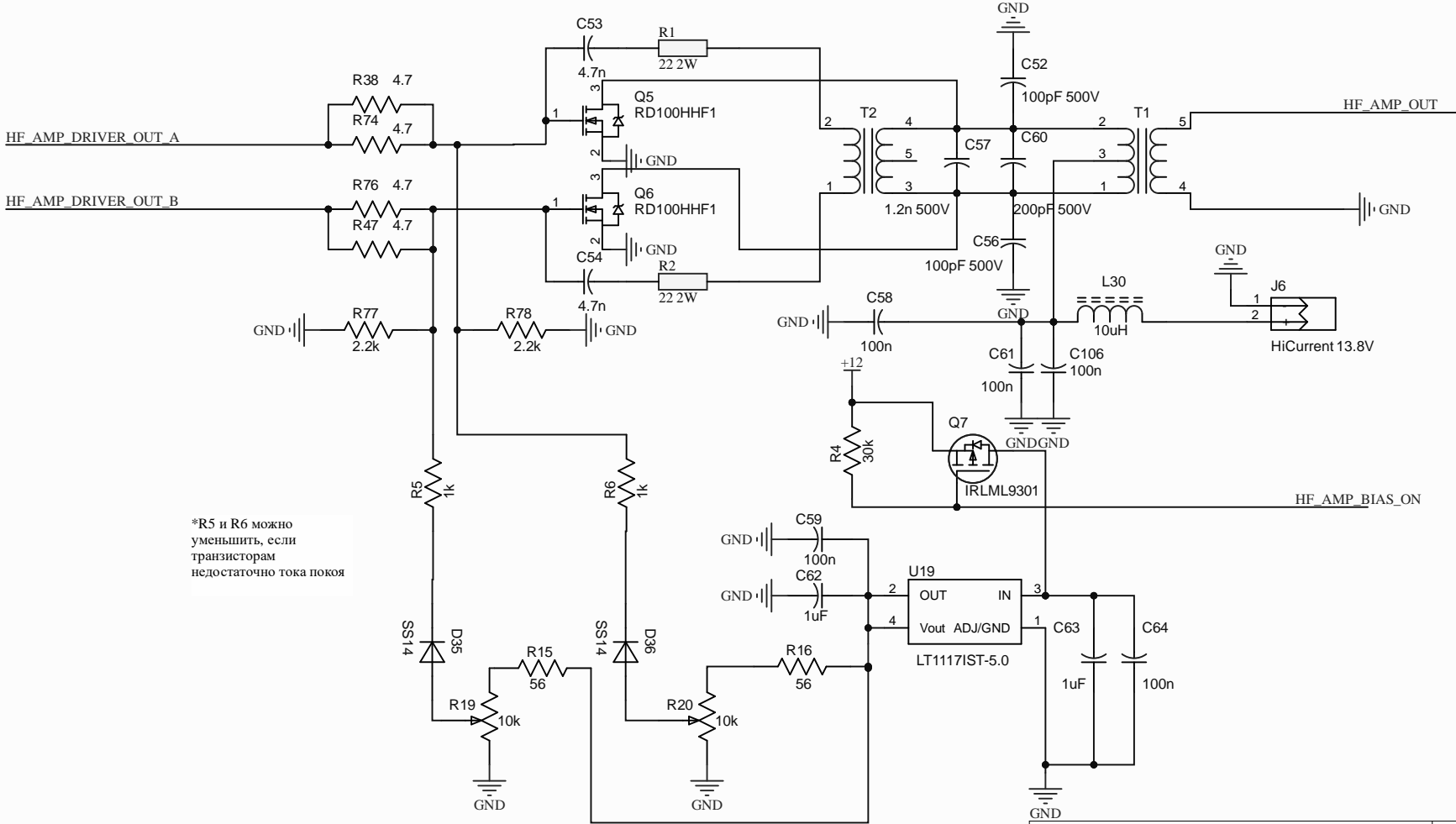


HF RF AMP


Idq - 500ma Q5 + 500ma Q6

T1: 1T:4T 25ohm 2.3mm coaxial BN-61-002
T2: 2+2T:1T 0.8mm BN43-202
L30: 3T 1mm BN43-202

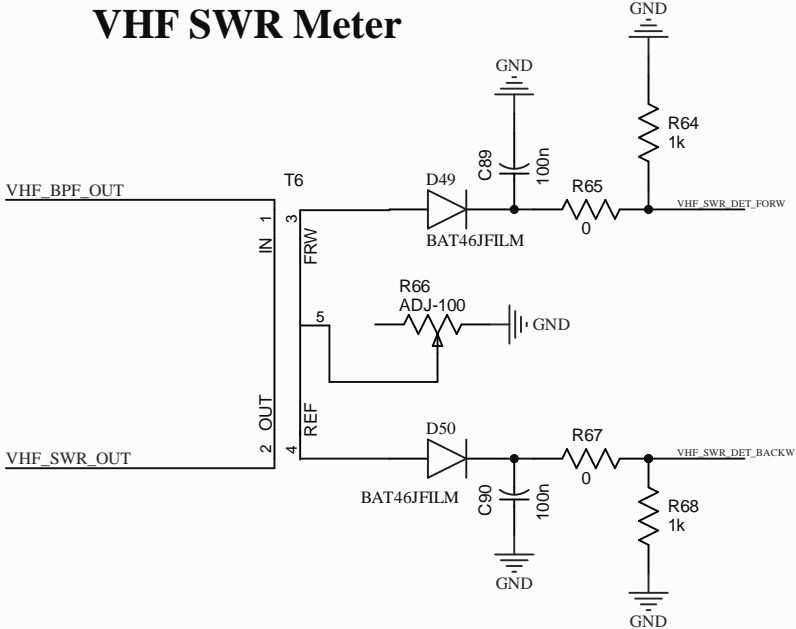
C57, 60, C52, C56 - подбираются для равномерного АЧХ



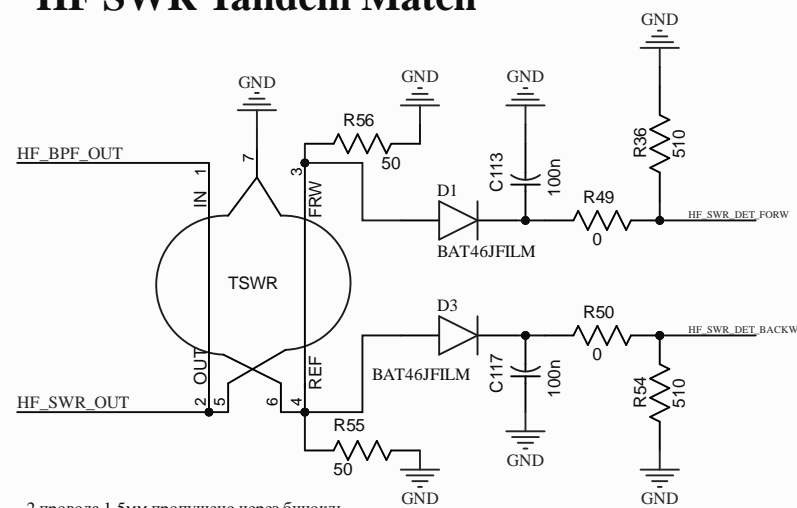
*R5 и R6 можно
уменьшить, если
транзисторам
недостаточно тока покоя

Title HF RF AMP			
Size: A4	Number:17	Revision:2.0	
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File: D:\Dropbox\Develop\Projects\WOLF\Scheme\ALTUM_DESIGNER\RF-UNIT-BIG\HF_AMPSchDoc			

VHF SWR Meter



HF SWR Tandem Match



2 провода 1.5мм пропущено через бинокль
по диагонали пропущено и намотано по 20 витков 0.5мм

HF Antenna Tuner

