

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

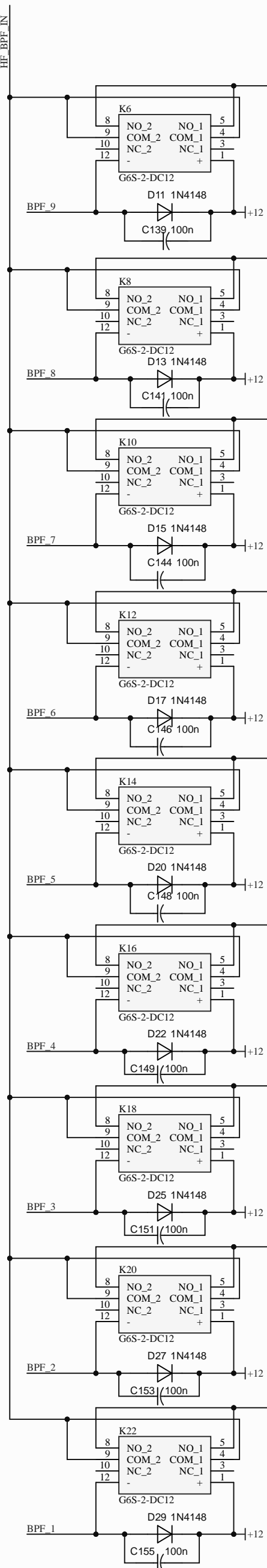
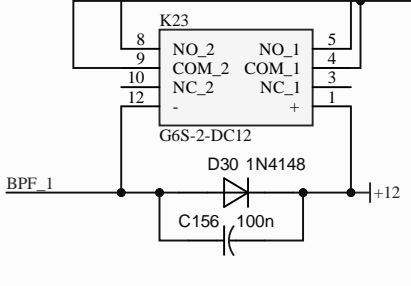
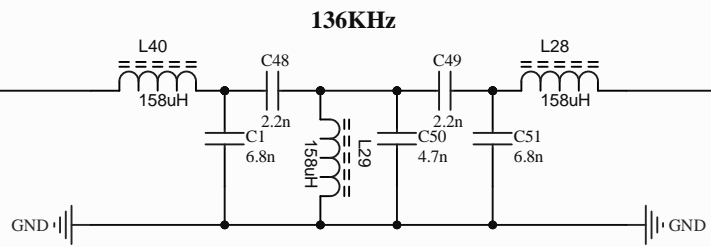
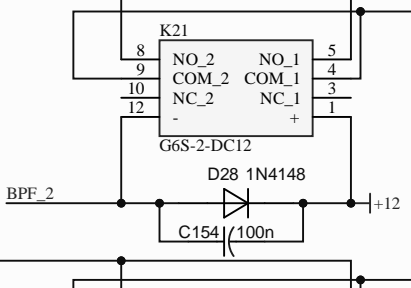
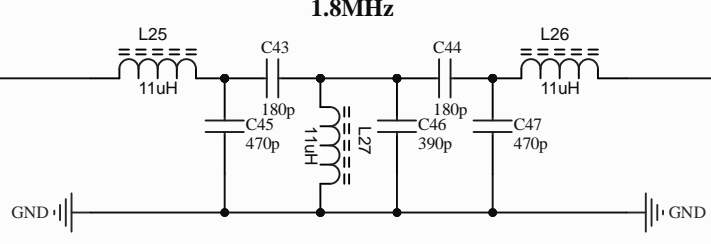
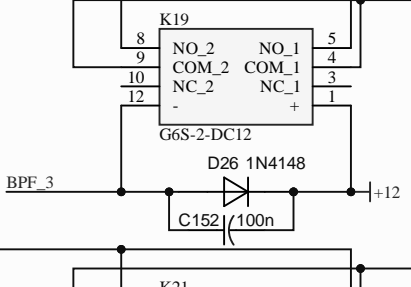
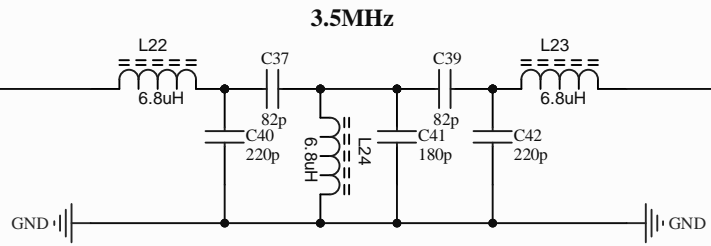
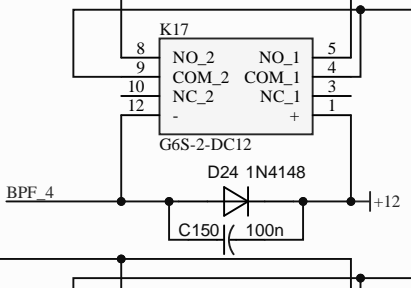
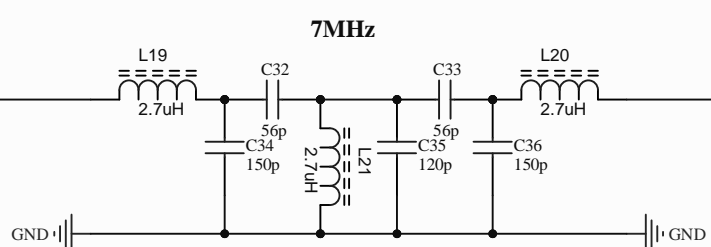
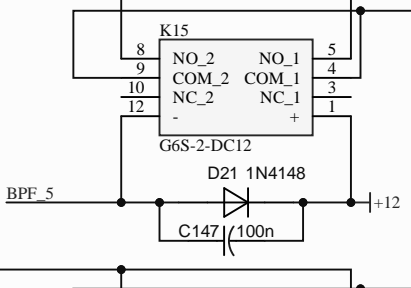
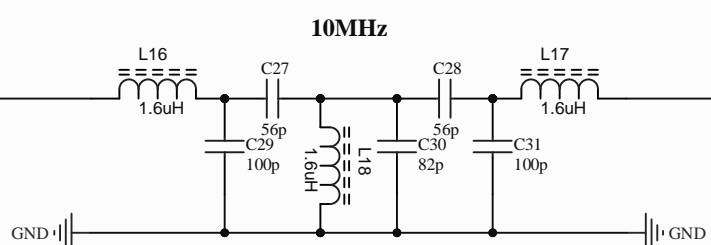
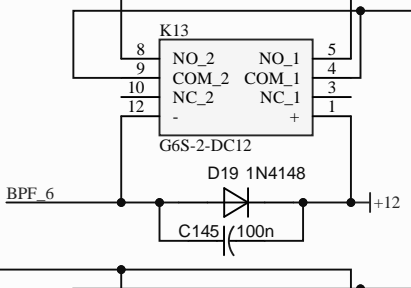
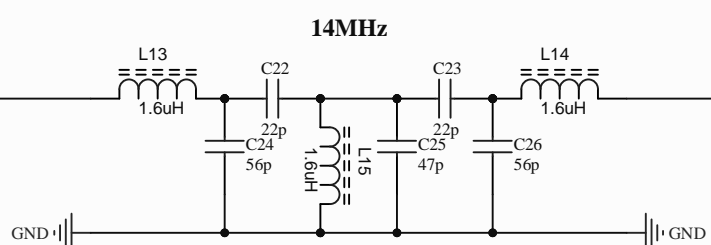
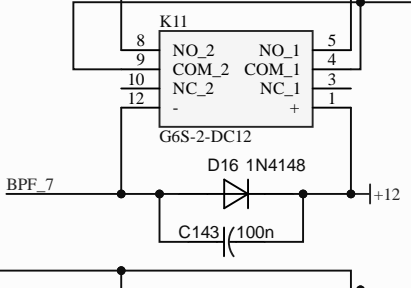
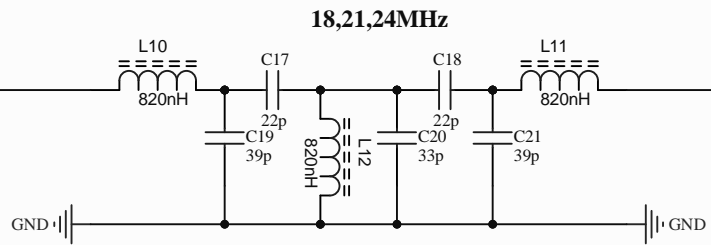
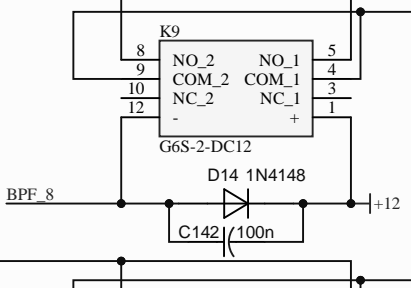
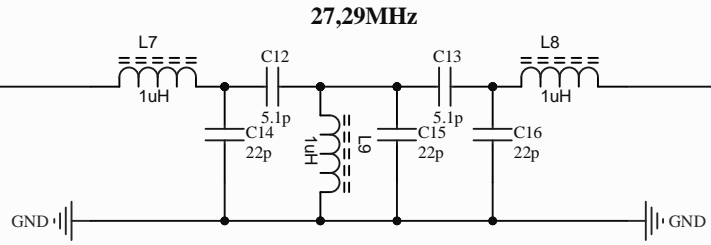
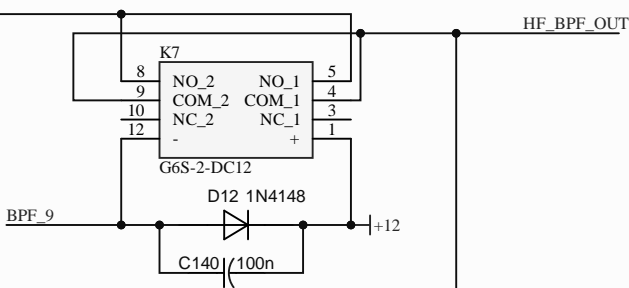
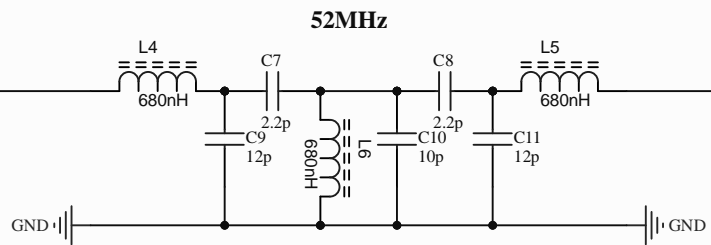
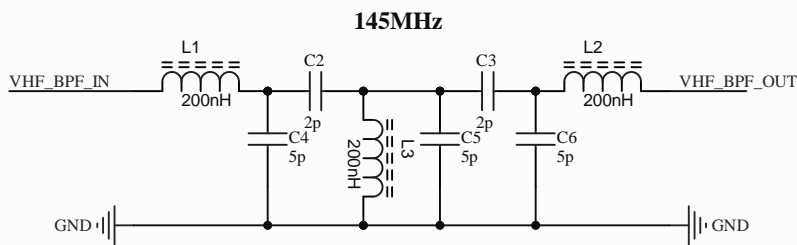
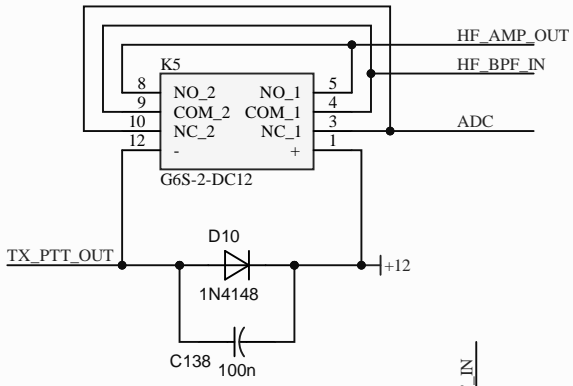
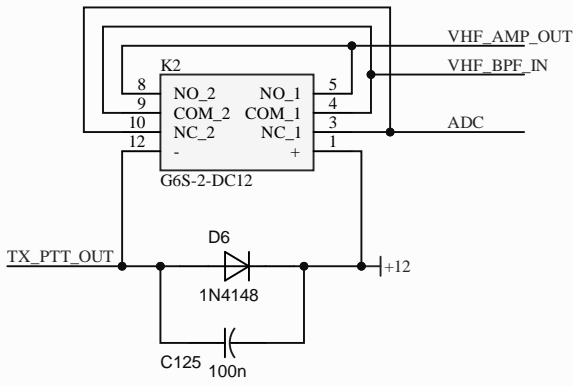
HF\_TUNER  
HF\_TUNER.SchDoc

U\_BPF  
BPF.SchDoc

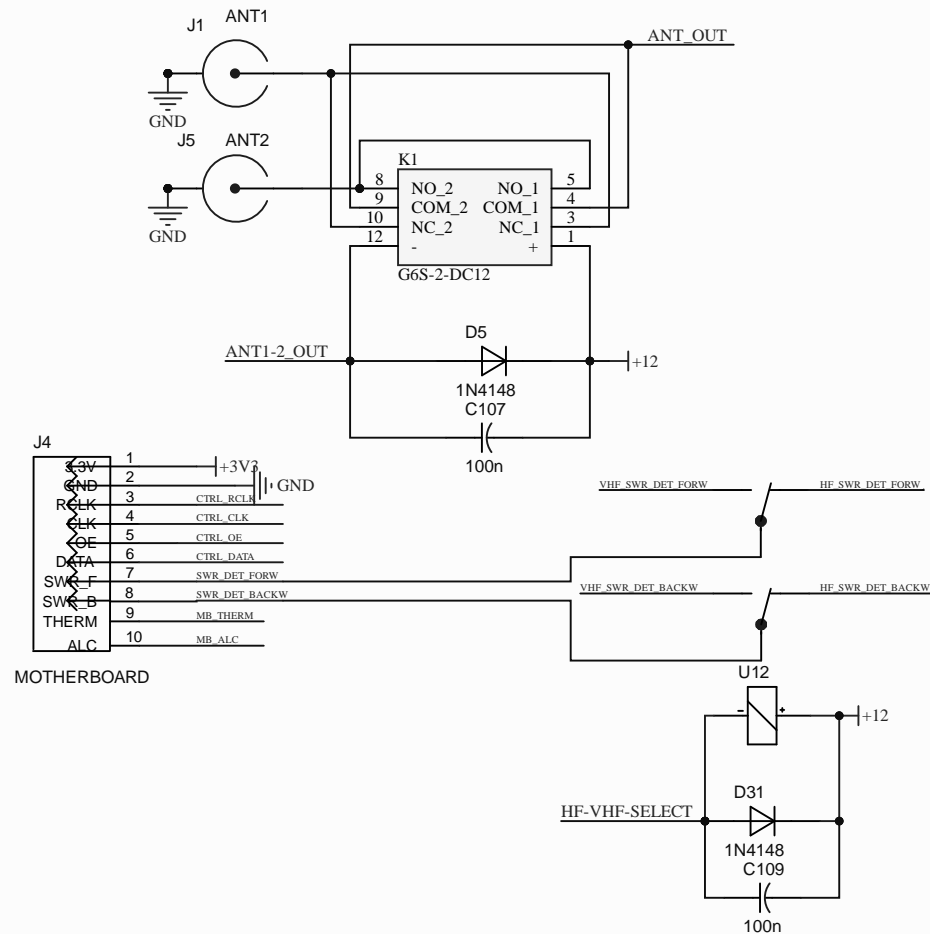
HF\_AMP\_DRIVER  
HF\_AMP\_DRIVER.SchDoc

VHF\_AMP  
VHF\_AMP.SchDoc

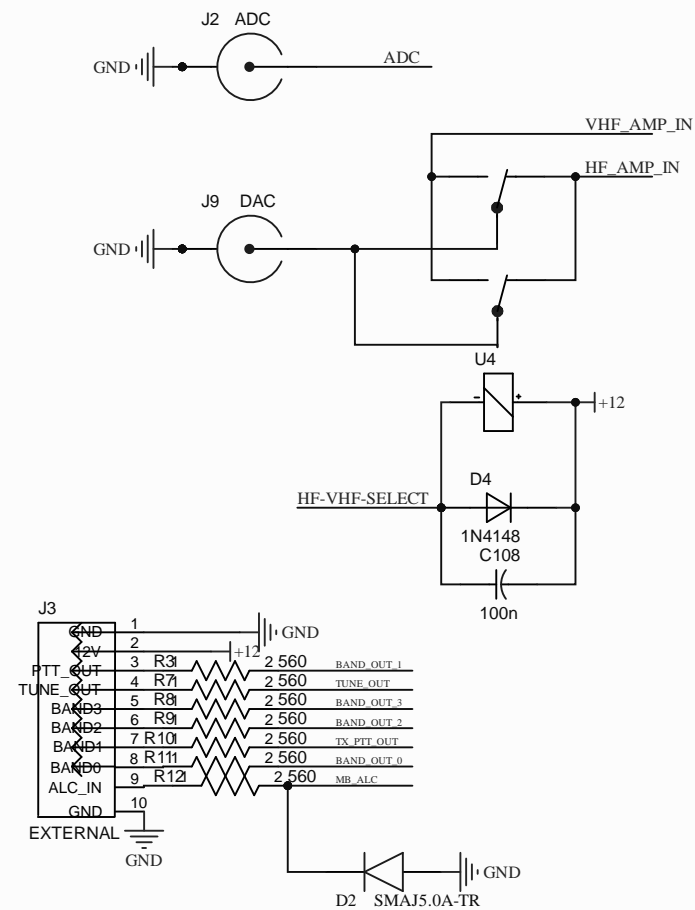
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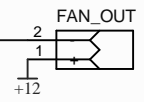
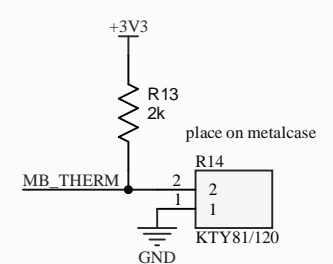
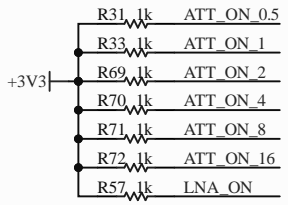
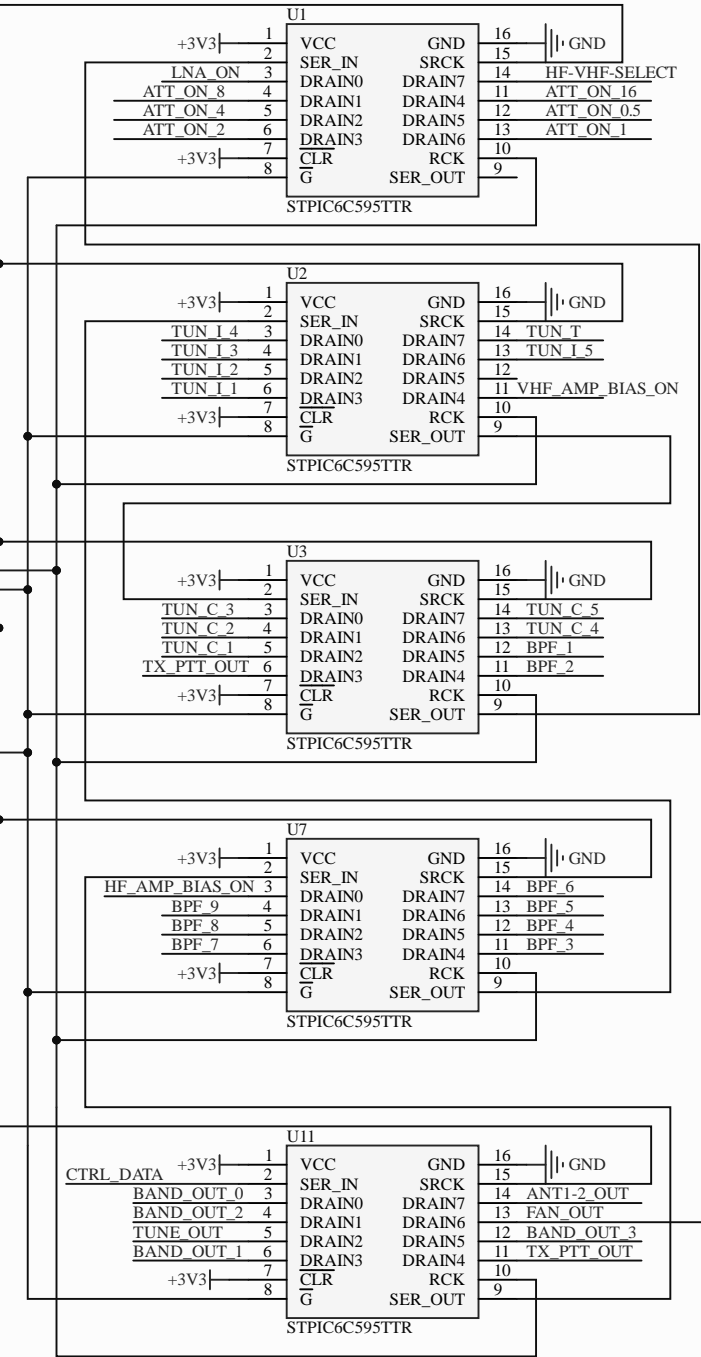
0.5mm cord  
2200m - 158uH - M1000HM3-5 K16\*10\*4.5 - 19.5 turns  
160m - 11uH - T68-2 - 44 turns  
80m - 6.8uH - T68-2 - 35 turns  
40m - 2.7uH - T68-2 - 22 turns  
30m - 1.6uH - T68-2 - 17 turns  
20m - 1.6uH - T68-2 - 17 turns  
17.15,12m - 820nH - T68-2 - 12 turns  
CB,10m - 1uH - T68-2 - 13 turns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

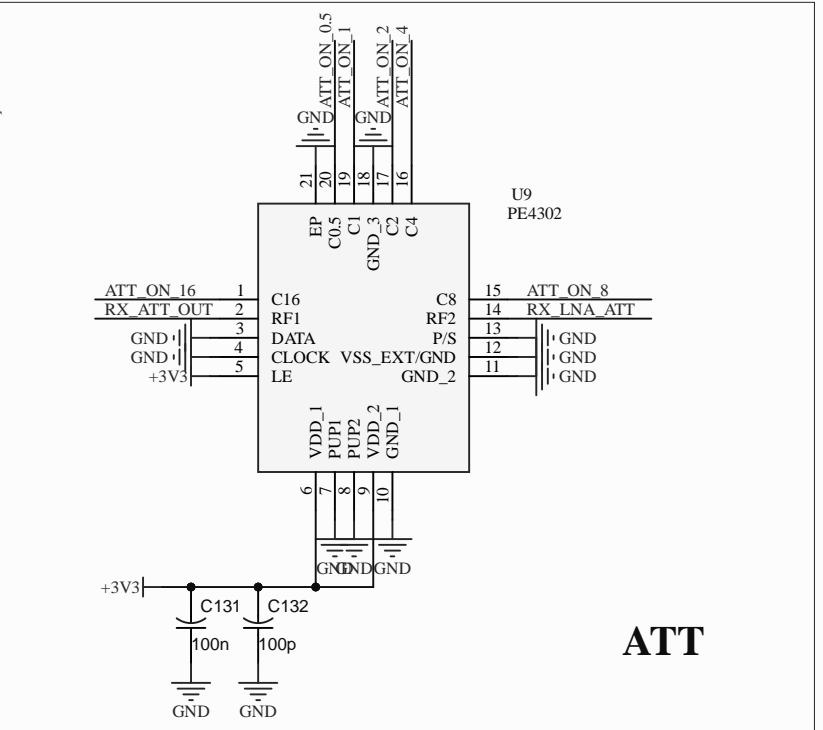
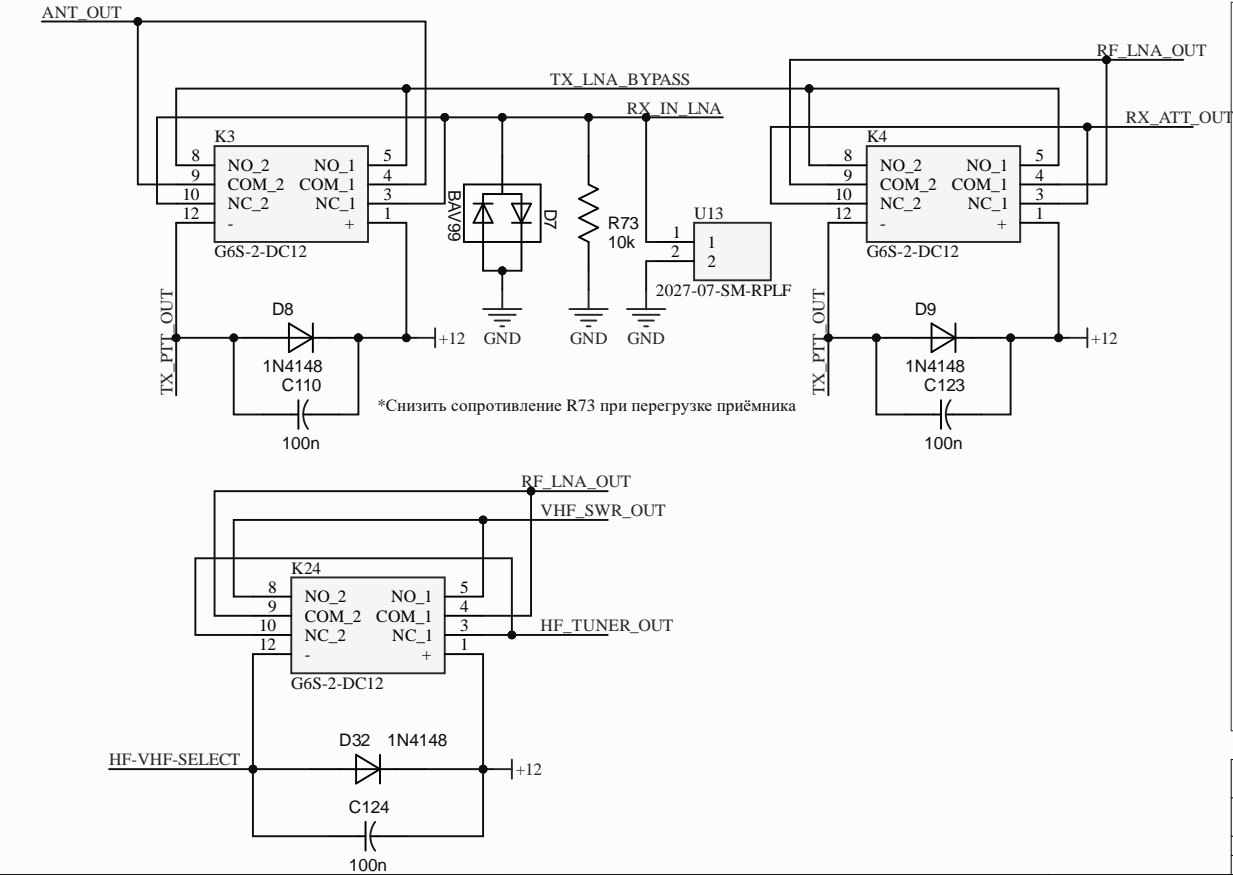
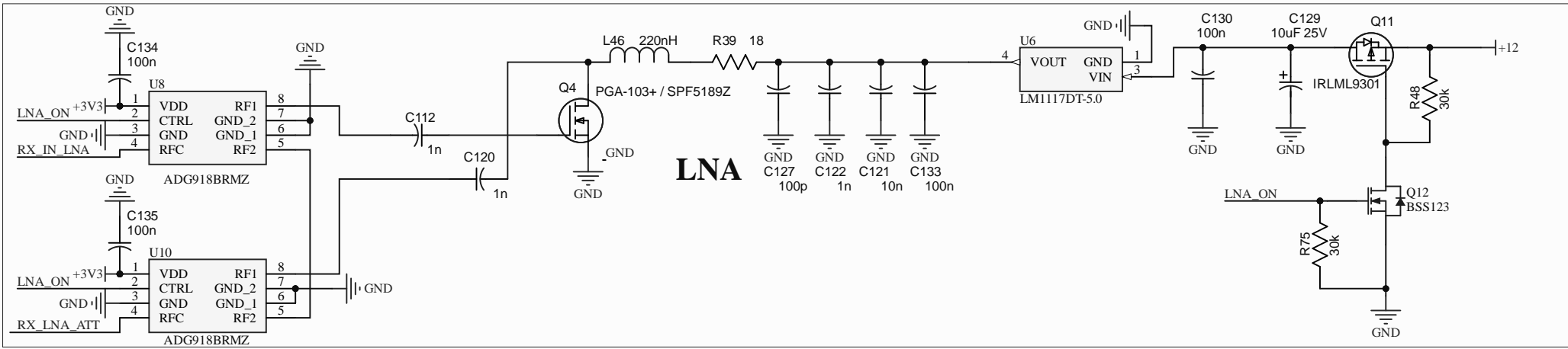
**TXRX\_COMUTATOR**

CONN

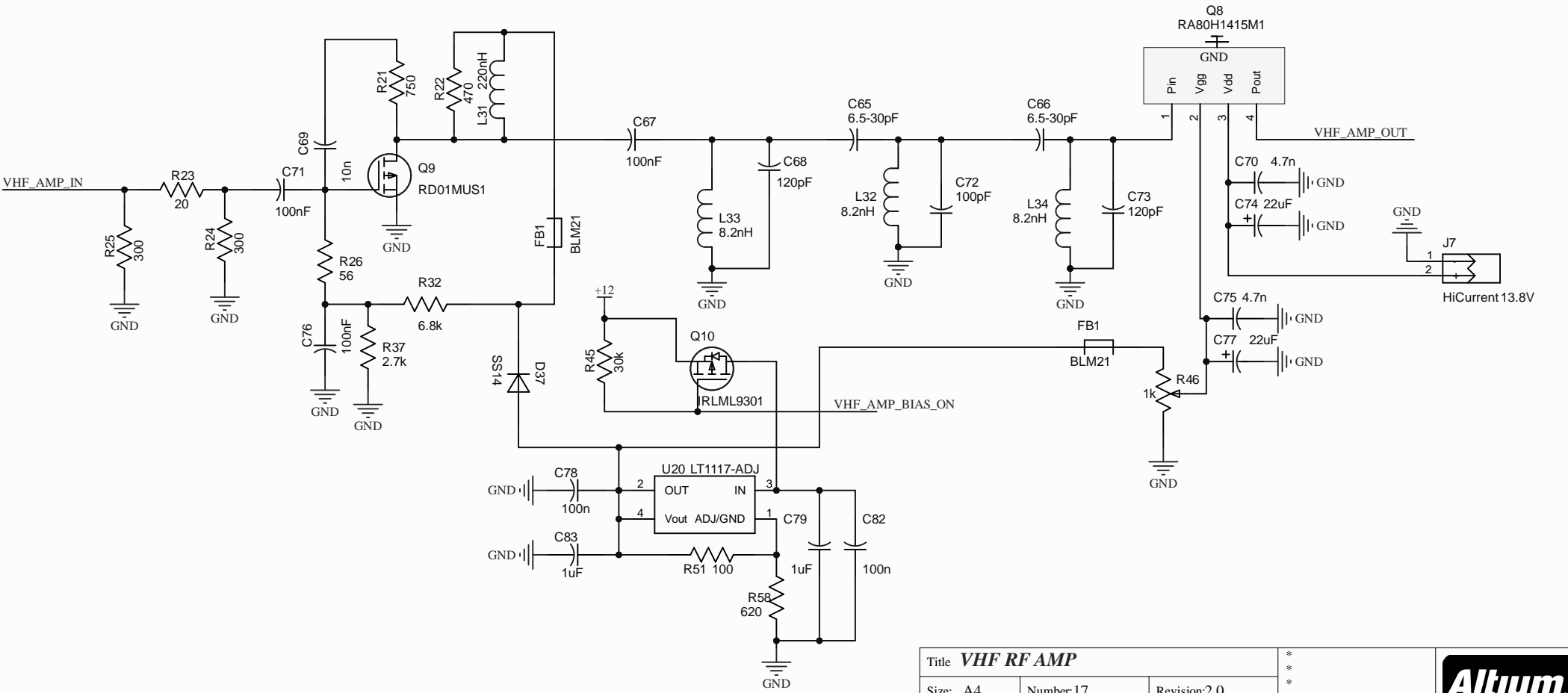


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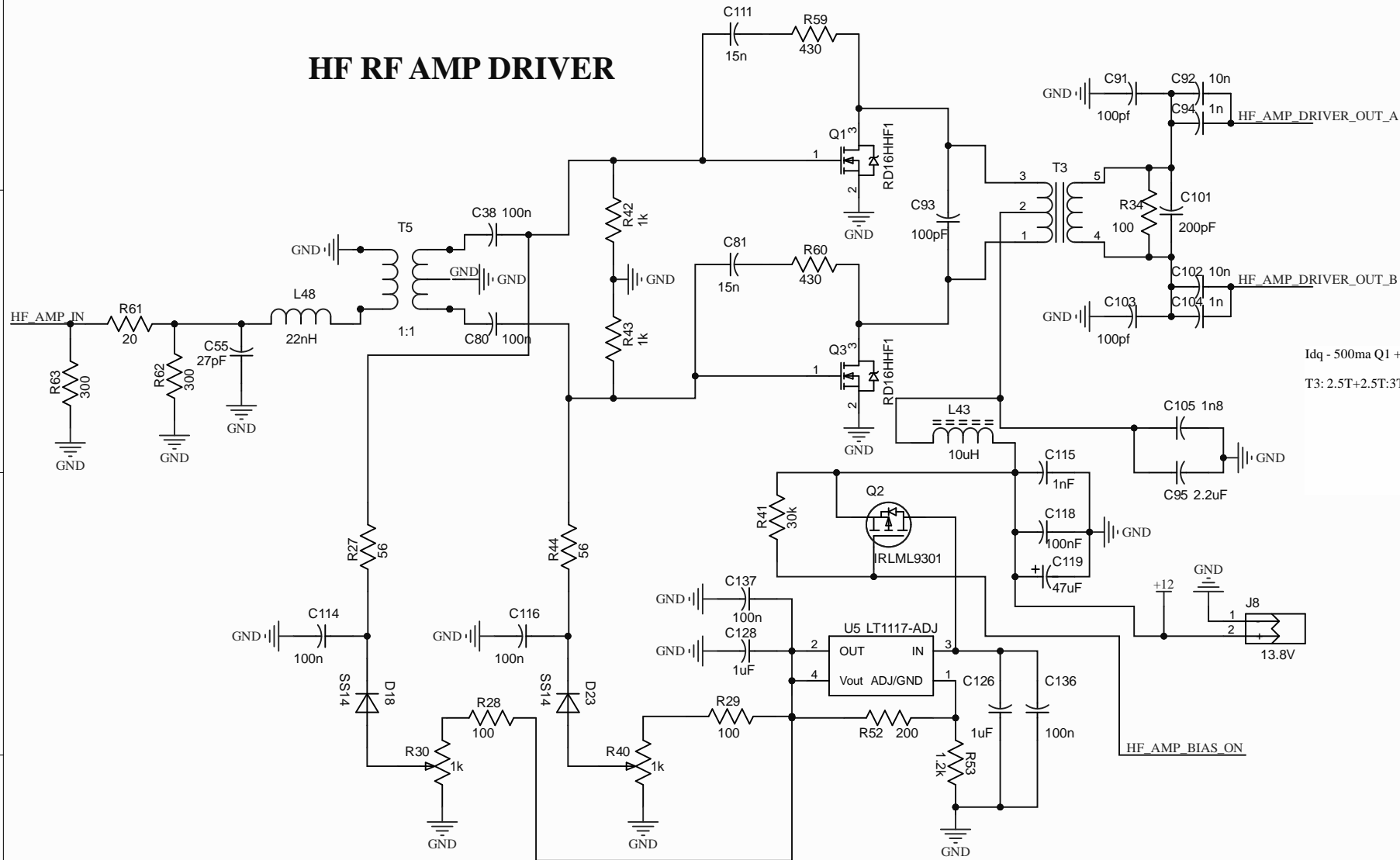




VHF RF AMP



# 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**

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Number:17

Revision:2.0

Date: 22.06.2021

Time: 12:48:48

Sheet 17 of 18

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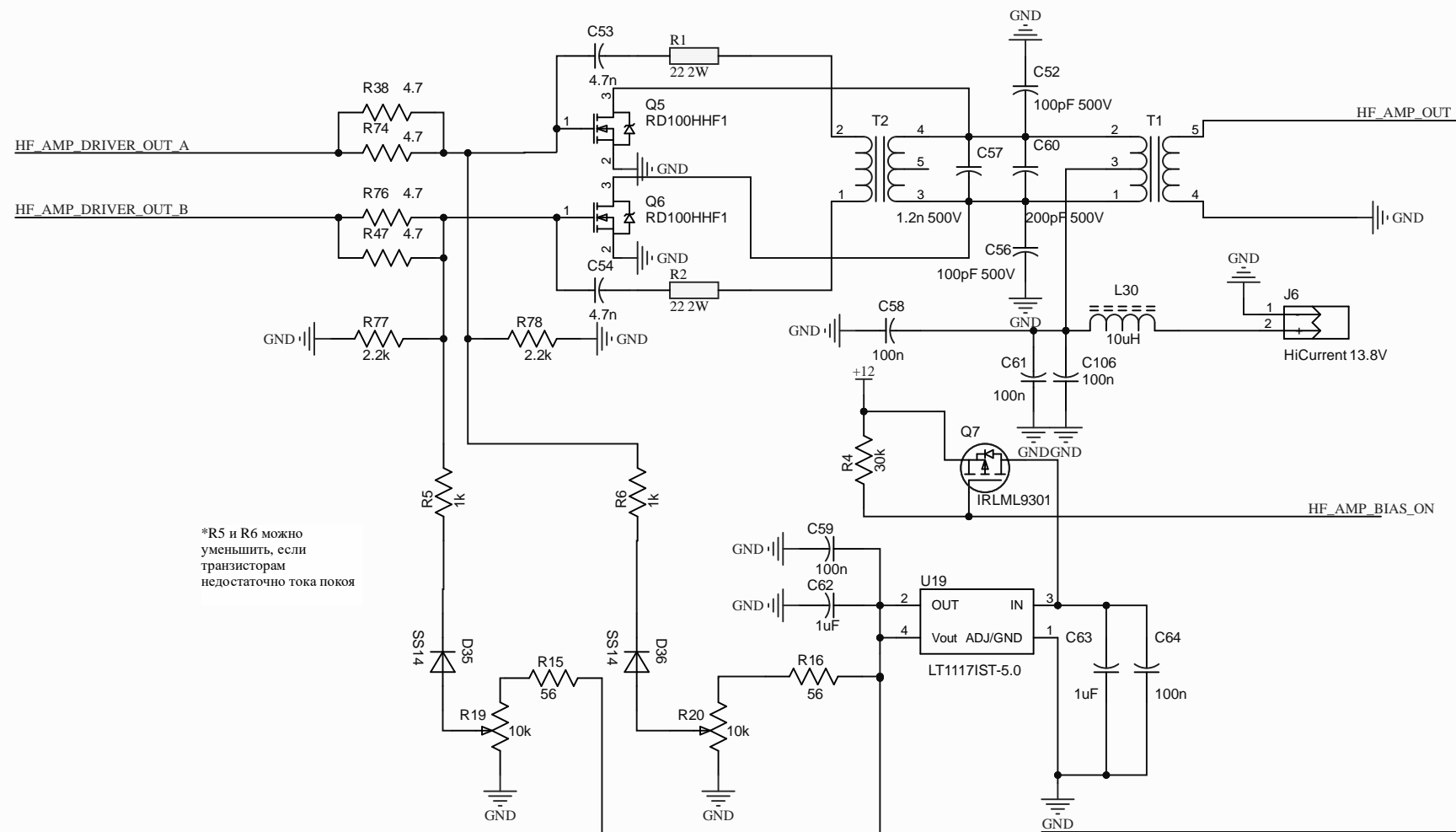
## HF RF AMP

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



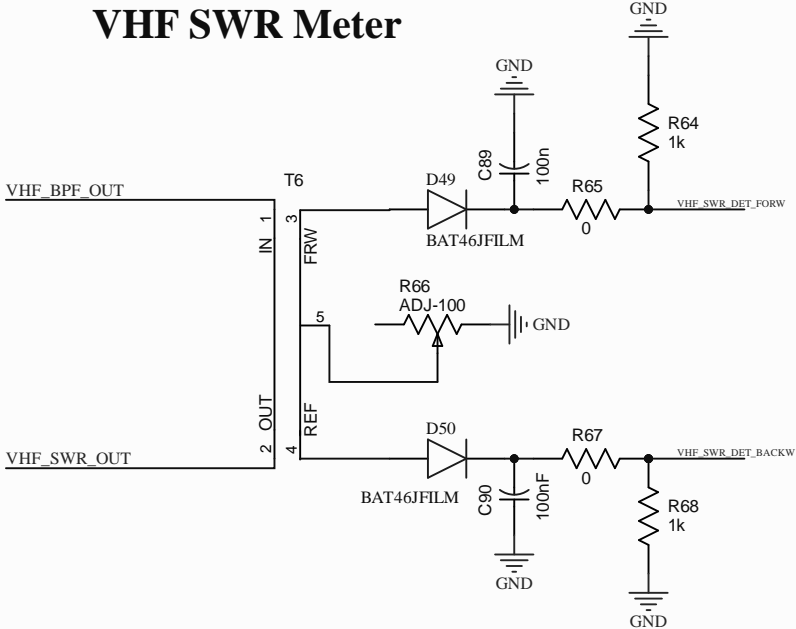
\*R5 и R6 можно уменьшить, если транзисторам недостаточно тока покоя

Title <b><i>HF RF AMP</i></b>			* * * *	
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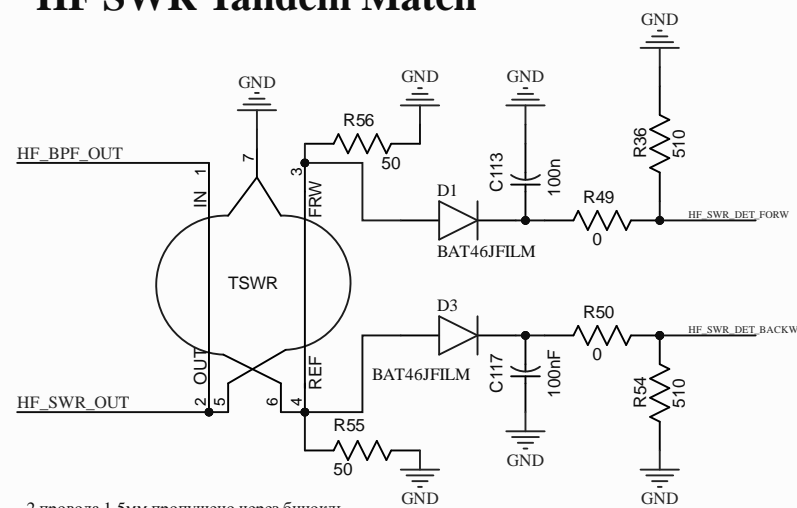




VHF SWR Meter

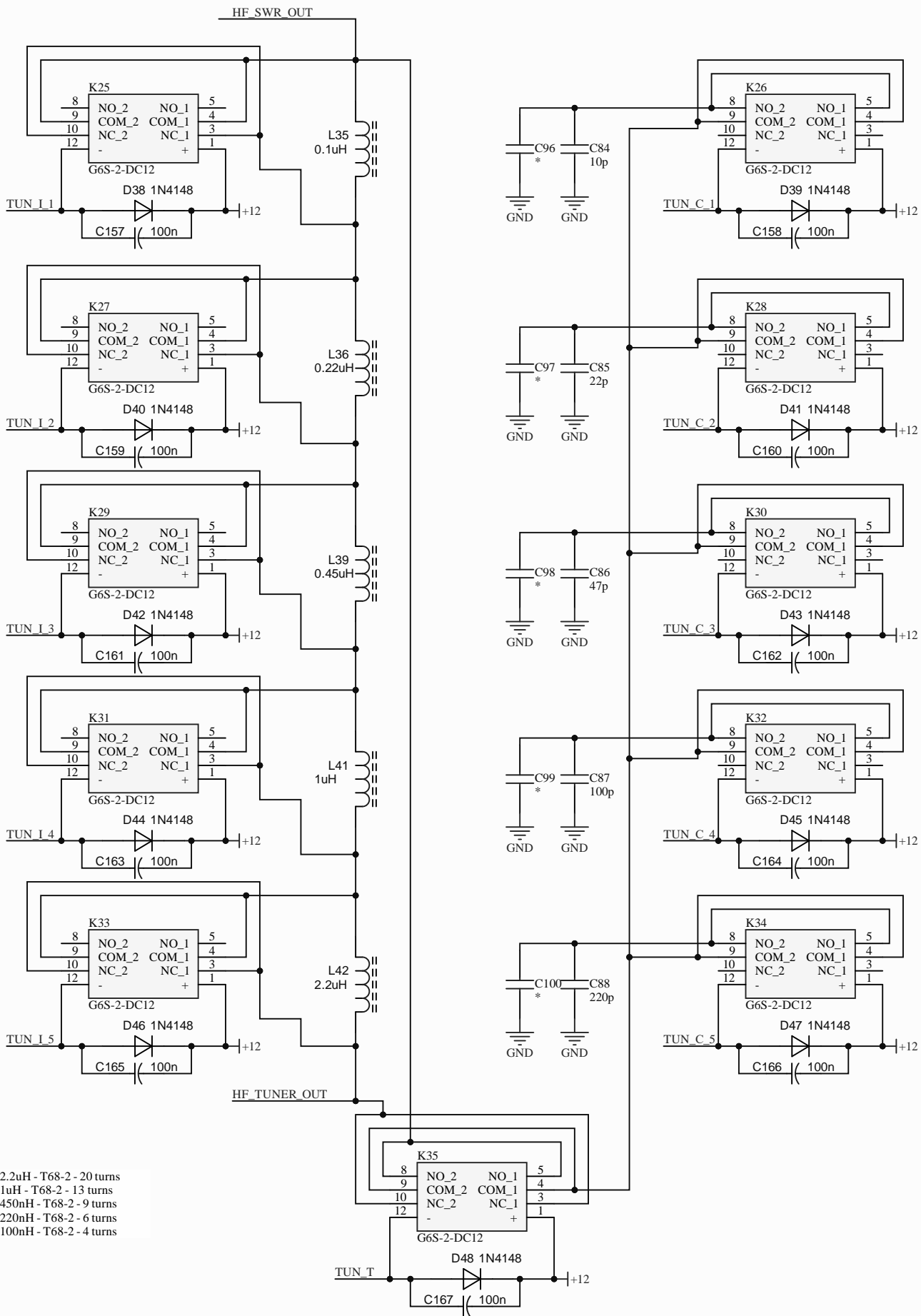


HF SWR Tandem Match



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

# HF Antenna Tuner



Title **HF Tuner**

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Number:18

Revision:2.0

Date: 22.06.2021

Time: 12:48:49

Sheet 18 of 18

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**Altium**

