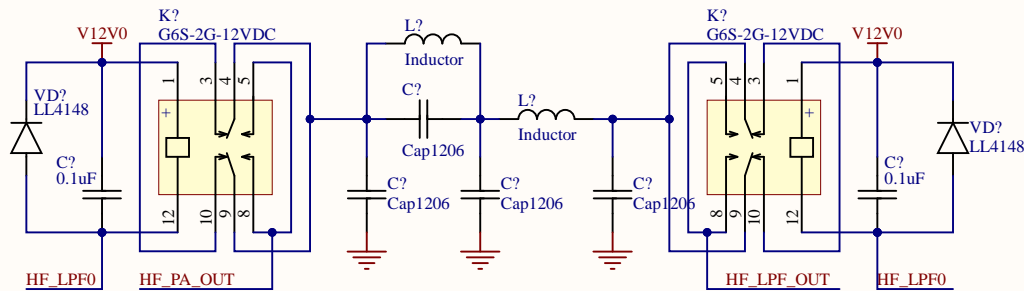
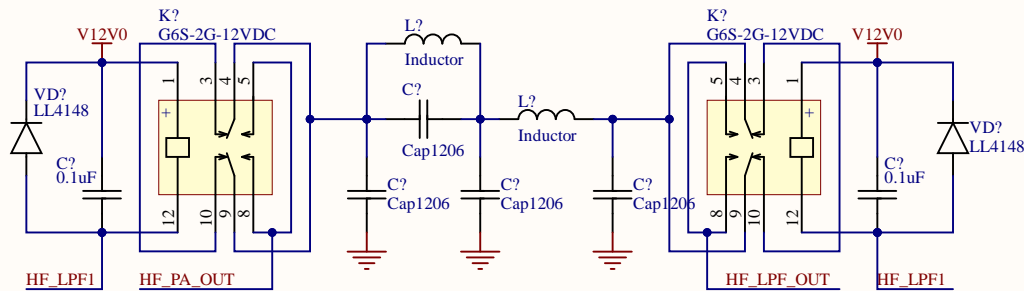


A



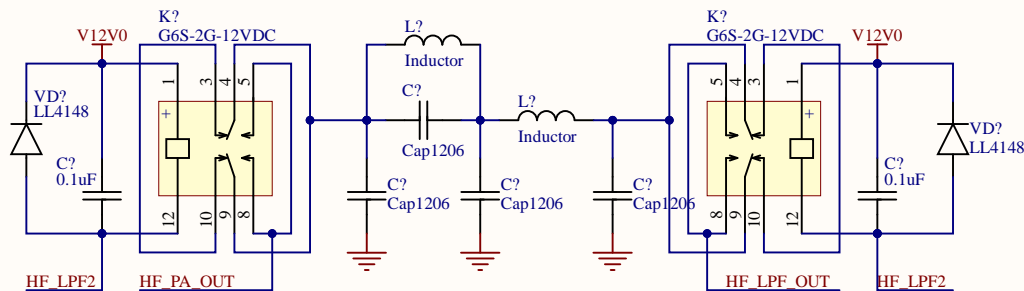
A

B



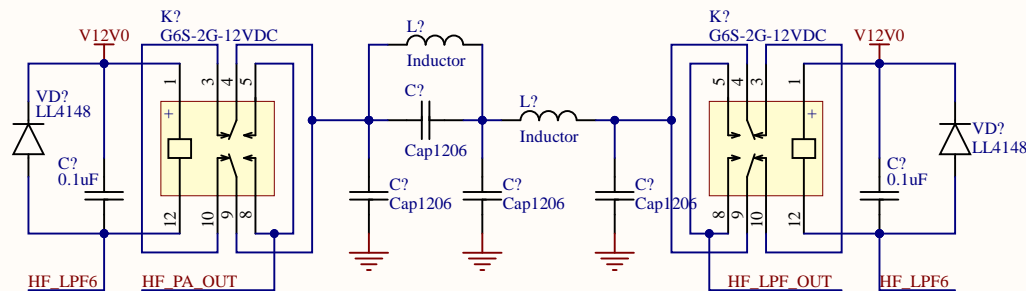
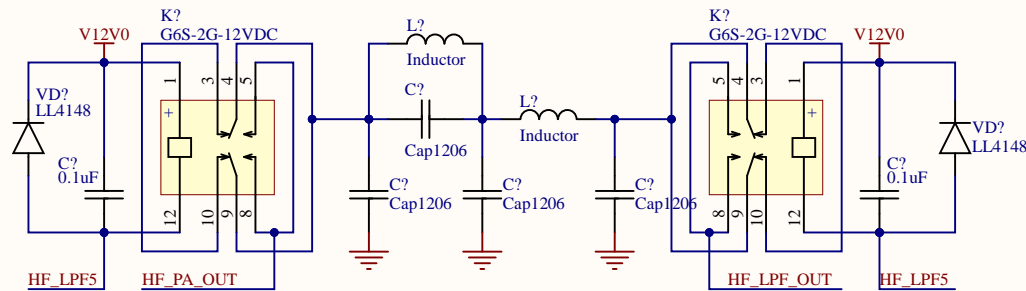
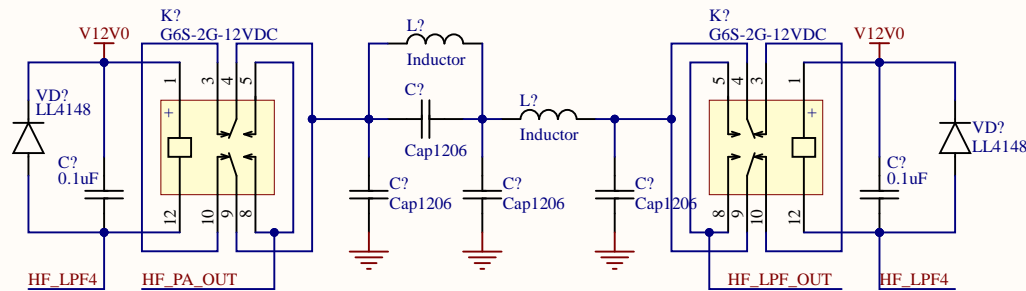
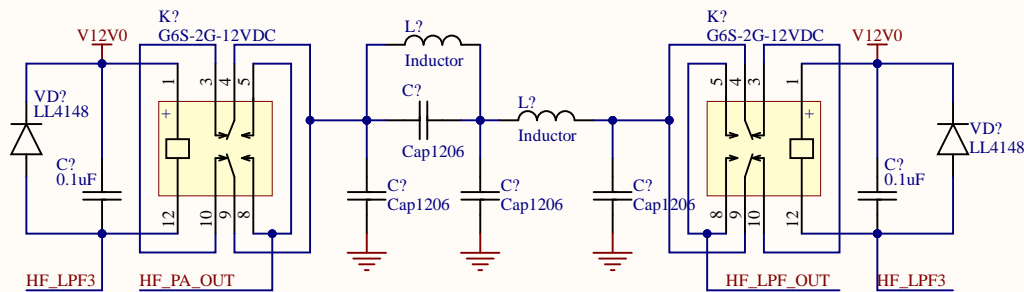
B

C



C

D



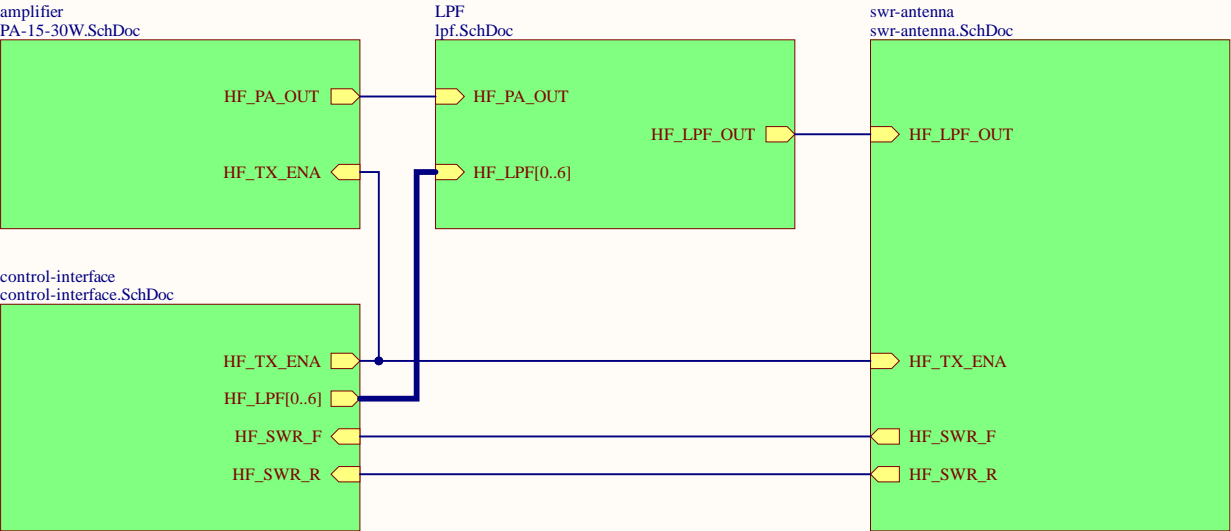
HF\_LPF[0..6]

- HF\_LPF0
- HF\_LPF1
- HF\_LPF2
- HF\_LPF3
- HF\_LPF4
- HF\_LPF5
- HF\_LPF6

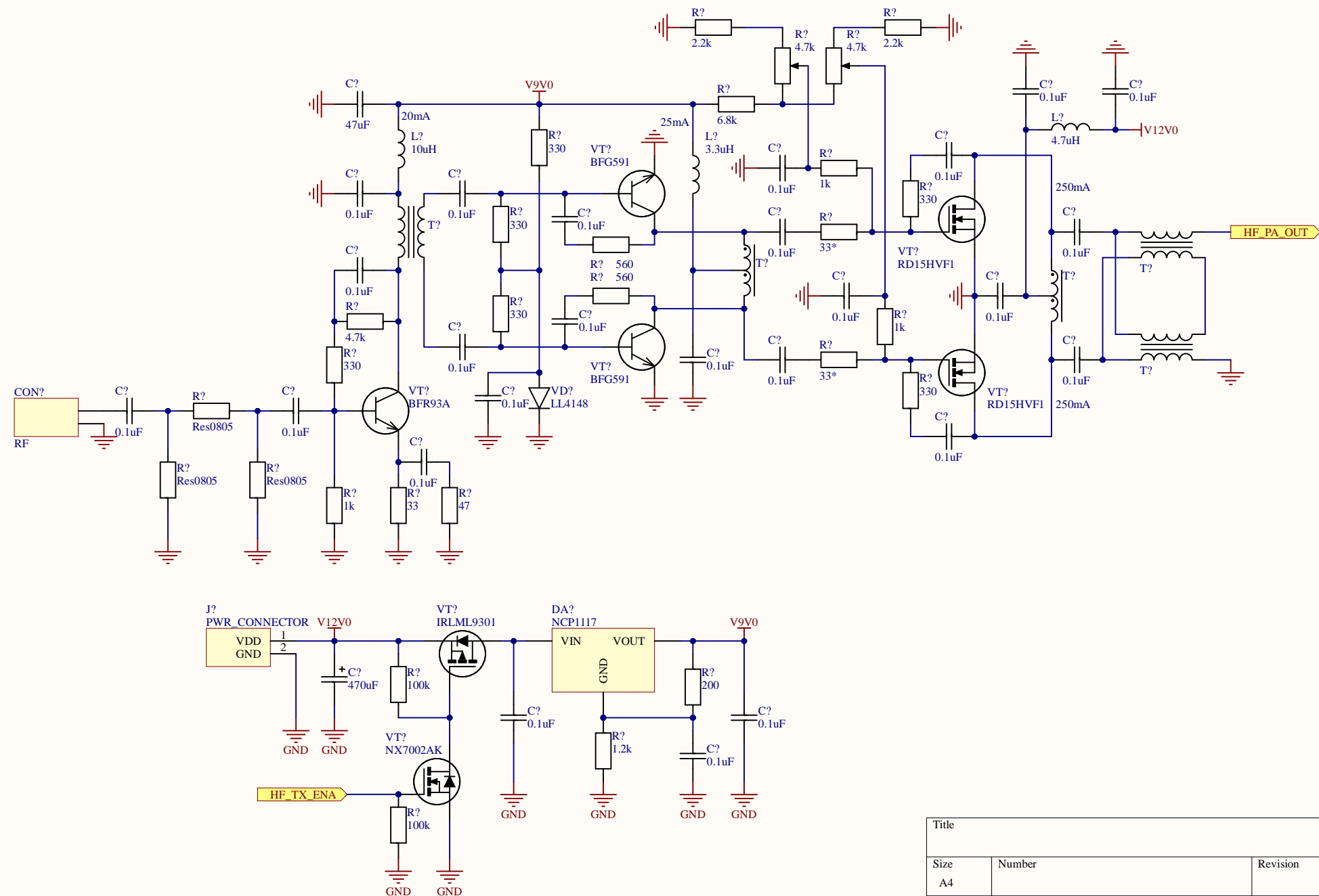
HF\_PA\_OUT HF\_PA\_OUT

HF\_LPF\_OUT HF\_LPF\_OUT

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Title		
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Title		
Size	Number	Revision
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Date:	11.08.2022	Sheet of
File:	D:\SDRProject\..PA-15-30W.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Capacitor 2x1.25 mm	C?	CAPC2013X100N	Cap0805	39
47uF	Capacitor 2x1.25 mm	C?	CAPC2013X100N	Cap0805	1
470uF	TECAP 100/20V E 10	C?	CAPMP7343X430N	CapPolarized	1
Cap1206	Capacitor 3.2x1.6 mm	C?	CAPC3216X125N	Cap1206	28
RF		CON?		CONNECTOR-2	1
NCP1117		DA?		LDO	1
PWR_CONNECTOR		J?		PWR_CONNECTOR	1
G6S-2G-12VDC	Compact, Industry- Standard 2-pole relay	K?		G6S-2G	14
3.3uH	Inductor	L?		Inductor	1
4.7uH	Bochen, 4.7μH±10%, Idc=5.0A, Rdc max=0.05	L?		Inductor	1
10uH	SMD 0805 50-100mA	L?		Inductor	1
Inductor	Inductor	L?		Inductor	14
1k		R?	RESC2013X64N	Res0805	3
1.2k		R?	RESC2013X64N	Res0805	1
2.2k		R?	RESC2013X64N	Res0805	2
4.7k		R?		potentiometer	2
4.7k		R?	RESC2013X64N	Res0805	1
6.8k		R?	RESC2013X64N	Res0805	1
33		R?	RESC2013X64N	Res0805	1
33*		R?	RESC2013X64N	Res0805	2
47		R?	RESC2013X64N	Res0805	1
100k		R?	RESC2013X64N	Res0805	2
200		R?	RESC2013X64N	Res0805	1
330		R?	RESC2013X64N	Res0805	6
560		R?	RESC2013X64N	Res0805	2
Res0805		R?	RESC2013X64N	Res0805	3
transformer type 1	transformer	T?		transformer type 1	2
transformer type 2	transformer	T?		transformer type 2	3
LL4148		VD?		DIODE	15
BFG591		VT?		n-p-n Bipolar Transistor	2
BFR93A		VT?		n-p-n Bipolar Transistor	1
IRLML9301		VT?	SOT23	P-MOSFET	1
NX7002AK		VT?	SOT23	N-MOSFET	1
RD15HVF1		VT?	SOT23	RD15HVF1	2