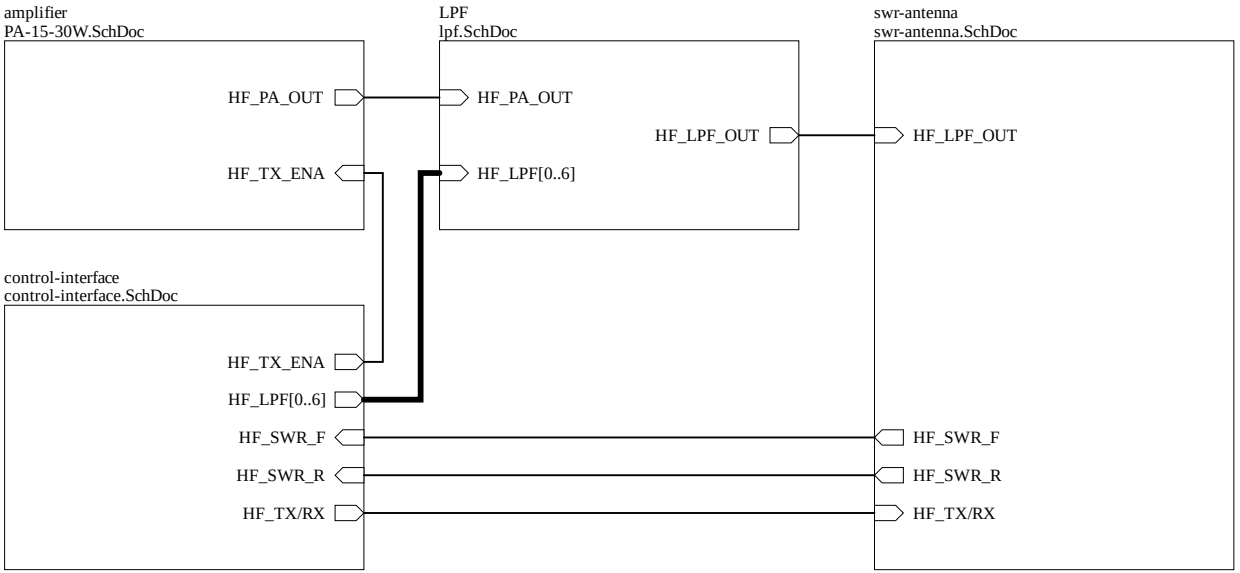

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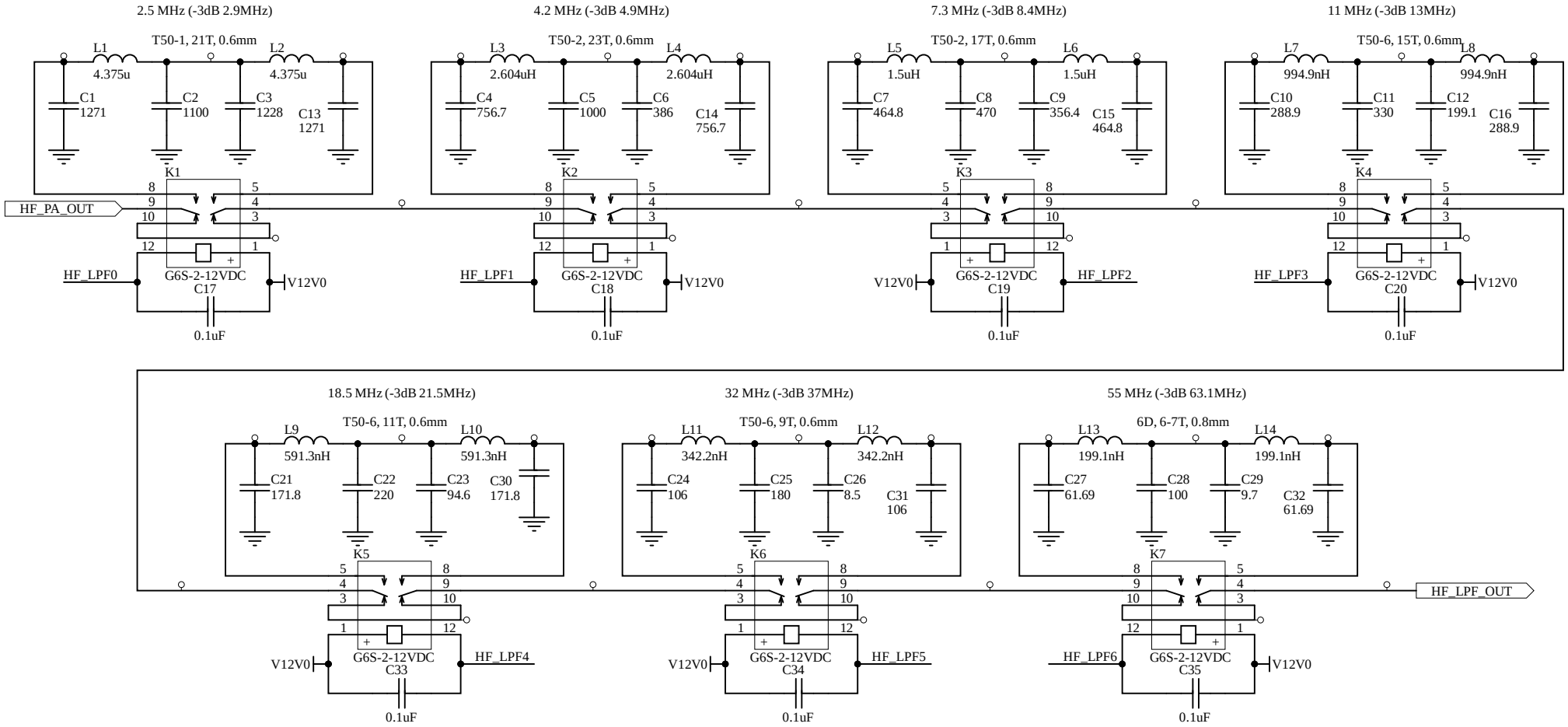

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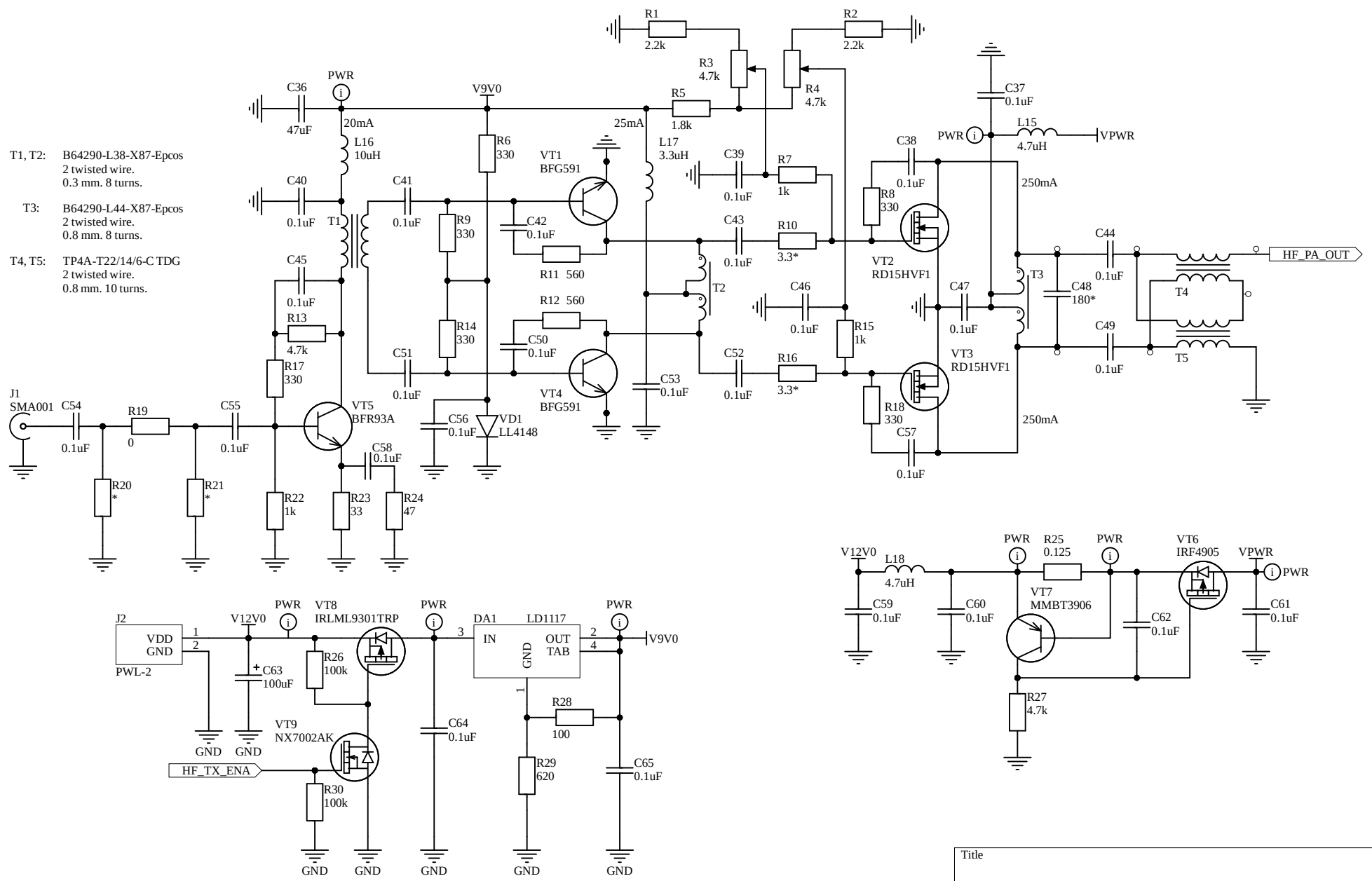

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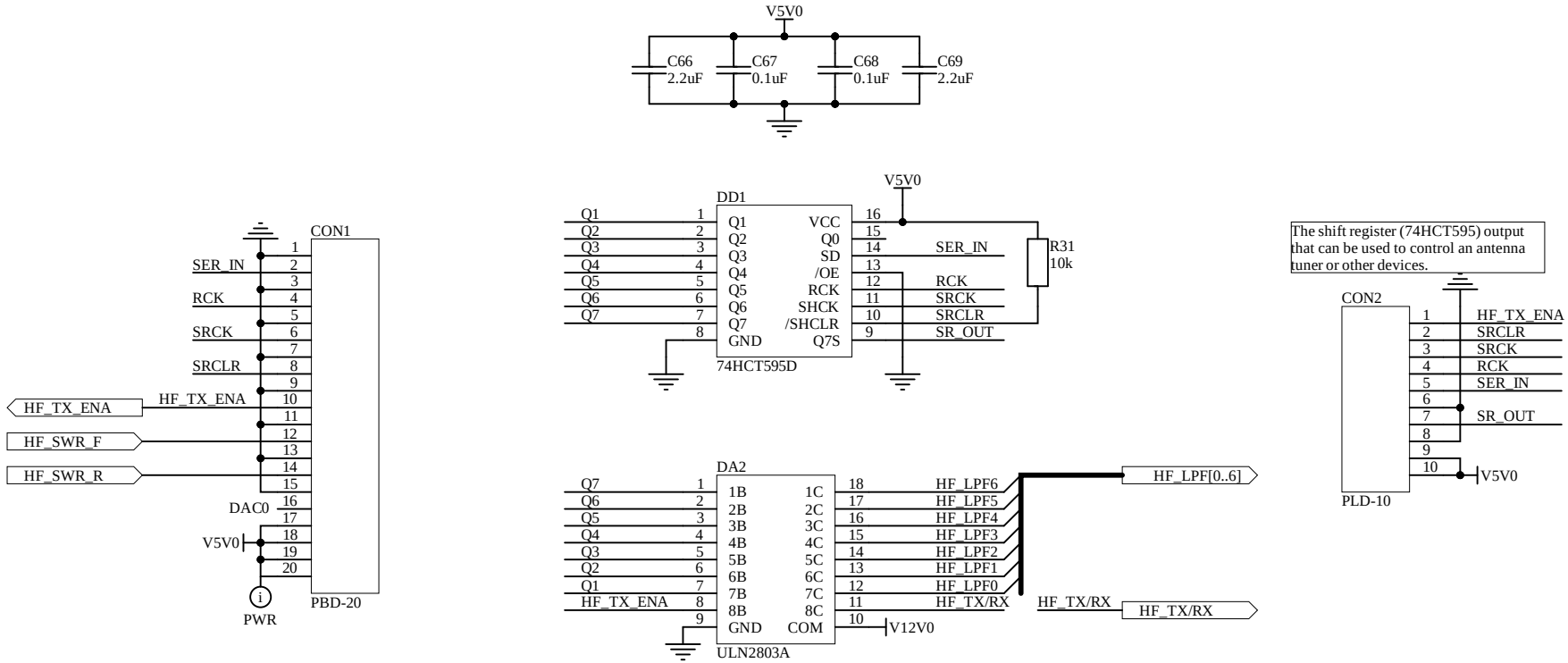

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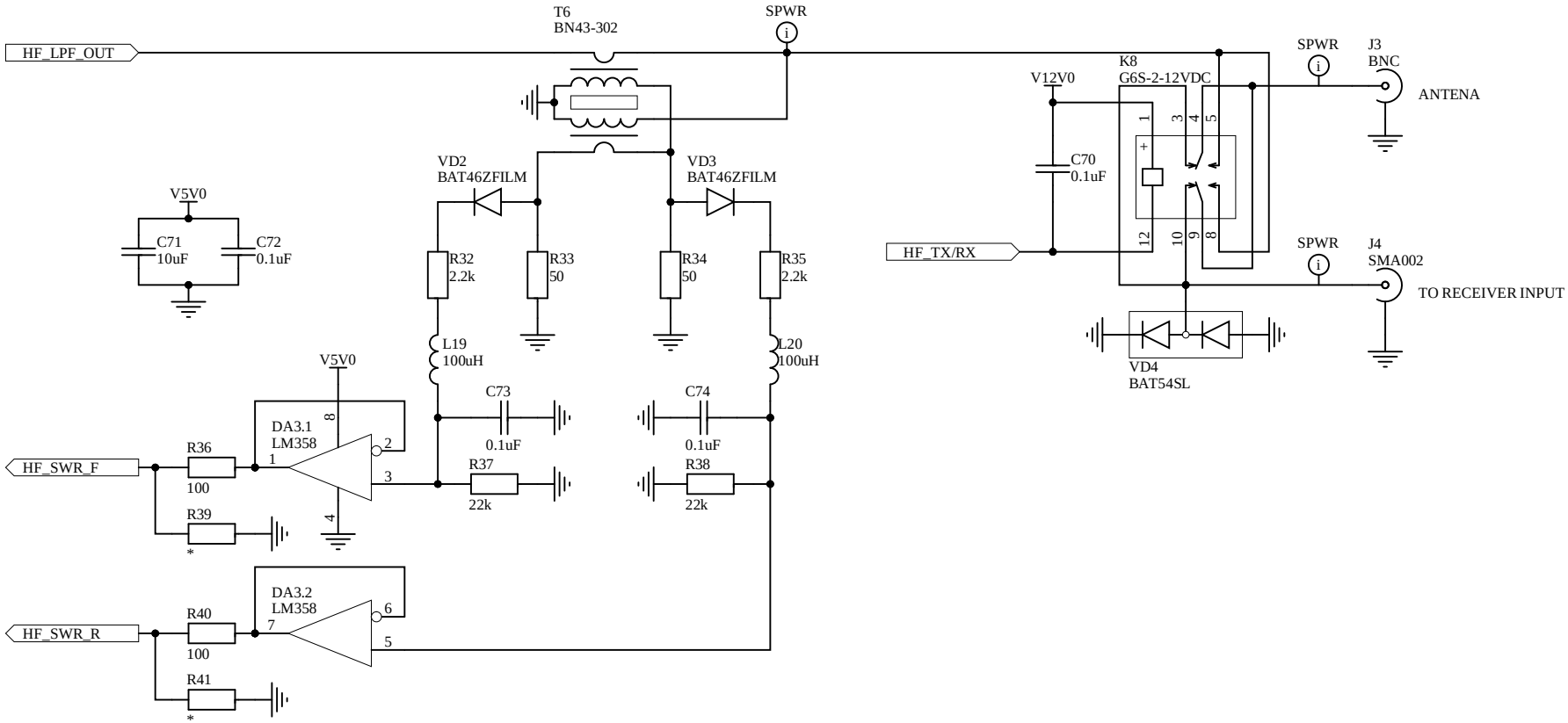

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Comment	Description	Designator	Footprint	LibRef	Quantity
1271	1206, NP0, 1kV	C1, C13	CAPC3216X125N	Cap1206	2
1100	1206, NP0, 1kV	C2	CAPC3216X125N	Cap1206	1
1229	1206, NP0, 1kV	C3	CAPC3216X125N	Cap1206	1
756.7	1206, NP0, 1kV	C4, C14	CAPC3216X125N	Cap1206	2
1000	1206, NP0, 1kV	C5	CAPC3216X125N	Cap1206	1
386	1206, NP0, 1kV	C6	CAPC3216X125N	Cap1206	1
464.8	1206, NP0, 1kV	C7, C15	CAPC3216X125N	Cap1206	2
470	1206, NP0, 1kV	C8	CAPC3216X125N	Cap1206	1
356.4	1206, NP0, 1kV	C9	CAPC3216X125N	Cap1206	1
288.9	1206, NP0, 1kV	C10, C16	CAPC3216X125N	Cap1206	2
330	1206, NP0, 1kV	C11	CAPC3216X125N	Cap1206	1
199.1	1206, NP0, 1kV	C12	CAPC3216X125N	Cap1206	1
0.1uF	Capacitor 2x1.25 mm	C17, C18, C19, C20, C33, C34, C35, C38, C39, C40, C41, C42, C43, C45, C46, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C64, C65, C67, C68, C70, C72, C73, C74	CAPC2013X100N	Cap0805	36
171.8	1206, NP0, 1kV	C21, C30	CAPC3216X125N	Cap1206	2
220	1206, NP0, 1kV	C22	CAPC3216X125N	Cap1206	1
94.6	1206, NP0, 1kV	C23	CAPC3216X125N	Cap1206	1
106	1206, NP0, 1kV	C24, C31	CAPC3216X125N	Cap1206	2
180	1206, NP0, 1kV	C25	CAPC3216X125N	Cap1206	1
8.5	1206, NP0, 1kV	C26	CAPC3216X125N	Cap1206	1
61.69	1206, NP0, 1kV	C27, C32	CAPC3216X125N	Cap1206	2
100	1206, NP0, 1kV	C28	CAPC3216X125N	Cap1206	1
9.7	1206, NP0, 1kV	C29	CAPC3216X125N	Cap1206	1
47uF	GRM32ER71A476KE15L	C36	CAPC3225X270N	Cap1210	1
0.1uF	FM31X104K251EEG, FM31X104K251EEG, rcs	C37, C47	CAPC3216X125N	Cap1206	2
0.1uF	GRM43DR72J104KW01 (1812, X7R EIA, 0.1uF, DC630V), rcs	C44, C49	CAPC4532X218N	Cap1812	2
180*	1206, NP0, 1kV	C48	CAPC3216X125N	Cap1206	1
100uF	EEUFR1E471, imrad	C63	CAPPR500-1050X1300	CapPolarized	1
2.2uF	Capacitor 2x1.25 mm	C66, C69	CAPC2013X100N	Cap0805	2
10uF	Capacitor 2x1.25 mm	C71	CAPC2013X100N	Cap0805	1
PBD-20		CON1	PBD-20	CONNECTOR-20	1
PLD-10		CON2	PLD-10	CONNECTOR-10	1
LD1117	Adjustable and fixed low drop positive voltage regulator	DA1	SOT230P700X180-4N	LD1117	1
ULN2803A	Darlington Transistor Array	DA2	SOIC127P1030X265-18N	ULN2803A	1
LM358	Single Supply Dual Operational Amplifiers	DA3	SOIC127P600X175-8N	LM358	1
74HCT595D	8-bit serial-in, serial or parallel-out shift register with output latches; 3-state, imrad	DD1	SOIC127P600X175-16N	74HCT595D	1
SMA001		J1	SMA002	RF Connector	1
PWL-2	PWL-2	J2	PWL-2	PWR_CONNECTOR	1
BNC	EM-BC028M-NGP-50	J3	BNC-TYCO_1-1337542-0	RF Connector	1
SMA002		J4	SMA002	RF Connector	1
G6S-2-12VDC	Compact, Industry-Standard 2-pole relay	K1, K2, K3, K4, K5, K6, K7, K8	G6S-2	G6S-2-12VDC	8
4.375u	T50-1	L1, L2	T50-2	Inductor	2
2.604uH	T50-2	L3, L4	T50-2	Inductor	2
1.5uH	T50-2	L5, L6	T50-6	Inductor	2
994.9nH	T50-6	L7, L8	T50-6	Inductor	2
591.3nH	T50-6	L9, L10	T50-6	Inductor	2
342.2nH	T50-6	L11, L12	T50-6	Inductor	2
199.1nH	T50-6	L13, L14	T50-6	Inductor	2
4.7uH	Bochen, 4.7µH±10%, Idc=5.0A, Rdc =dc=0.05	L15, L18	Inductor radial	Inductor	2
10uH	SMD 0805 50-100mA LQM21FN100M70L, Imrad	L16	RESC2013X64N	Inductor	1
3.3uH	3,3uH ±10% високальний дроссель 670mA 0,34Ohm (KLS18-EC36-3R3K-A – KLS)	L17	RES1270-650X250	Inductor	1
100uH	SWI100BHT 101K-Hitano	L19, L20	INDUCTOR-1008	Inductor	2
2.2k		R1, R2, R32, R35	RESC2013X64N	Res0805	4
4.7k	4,7 kOhm 3296W (KLS4-3296W-472), rcs, [NoValue]	R3, R4	3296W	potentiometer	2
1.8k		R5	RESC2013X64N	Res0805	1
330		R6, R8, R9, R14, R17, R18	RESC2013X64N	Res0805	6
1k		R7, R15, R22	RESC2013X64N	Res0805	3
3.3*		R10, R16	RESC2013X64N	Res0805	2
560		R11, R12	RESC2013X64N	Res0805	2
4.7k		R13, R27	RESC2013X64N	Res0805	2
0		R19	RESC2013X64N	Res0805	1
		R20, R21, R39, R41	RESC2013X64N	Res0805	4
33		R23	RESC2013X64N	Res0805	1
47		R24	RESC2013X64N	Res0805	1
0.125	8 items 1 Om in parallel,1206	R25	RESC3216X80N	Res0805	1
100k		R26, R30	RESC2013X64N	Res0805	2
100		R28, R36, R40	RESC2013X64N	Res0805	3
620		R29	RESC2013X64N	Res0805	1
10k		R31	RESC2013X64N	Res0805	1
50		R33, R34	RESC2013X64N	Res0805	2
22k		R37, R38	RESC2013X64N	Res0805	2
R10*6*4 N87	R10*6*4 N87 (B64290-L38-X87-Epcos)	T1, T2	R10x6x4	transformer type 2, transformer type 1	2
R12,5*7,5*5 N87	R12,5*7,5*5 N87 (B64290-L44-X87-Epcos)	T3	R12.5x7.5x5	transformer type 1	1
TP4A-T22/14/6-C TDG	TP4A-T22/14/6-C TDG	T4, T5	R22x14x6	transformer type 2	2
BN43-302	BN43-302	T6	TANDEM	tandem match	1
LL4148		VD1	DIOMELF3515N	DIODE	1
BAT462FILM	Small signal Schottky diodes imrad	VD2, VD3	SOD3816X118N	DIODE	2
BAT54SL	BAT54SL	VD4	SOT95P229X119-3N	DIODE-2-1A-3C-3A-2C	1
BFG591	NPN 7 GHz wideband transistor	VT1, VT4	SOT230P700X180-4N	BFG591	2
RD15HVF1		VT2, VT3	TO-220-HFLIP	RD15HVF1	2
BFR93A	NPN 6 GHz wideband transistor	VT5	SOT95P229X119-3N	BFR93A	1
IRF4905	HEXFET® Power MOSFET	VT6	TO-220-v	IRF4905	1
MMBT3906	MMBT3906LT1G, PNP General Purpose Amplifier imrad	VT7	SOT95P229X119-3N	MMBT3906	1
IRLML9301TRP	IRLML9301TRP	VT8	SOT95P229X119-3N	IRLML9301TRP	1
NX7002AK		VT9	SOT95P229X119-3N	N-MOSFET 1G 2S 3D	1