

1

2

3

4

A

A

B

B

C

C

D

D

U_CONN
CONN.SchDoc




U_LNA
LNA.SchDoc



U_CONTROL
CONTROL.SchDoc



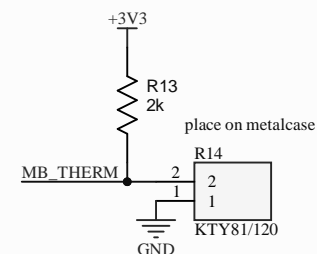
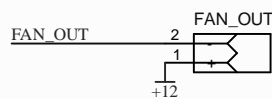
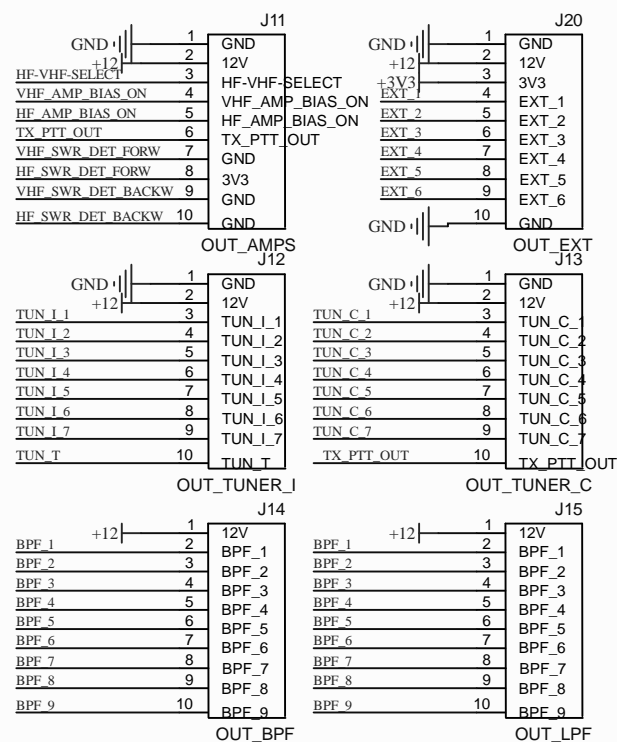
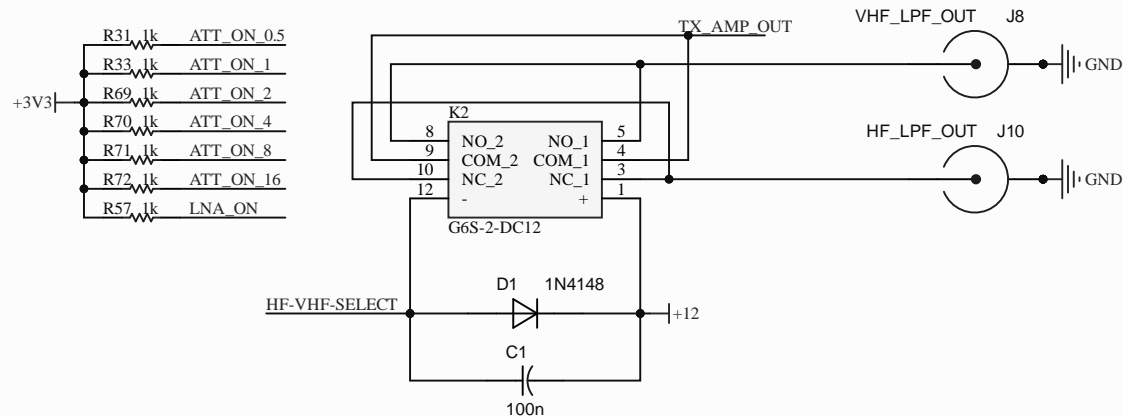
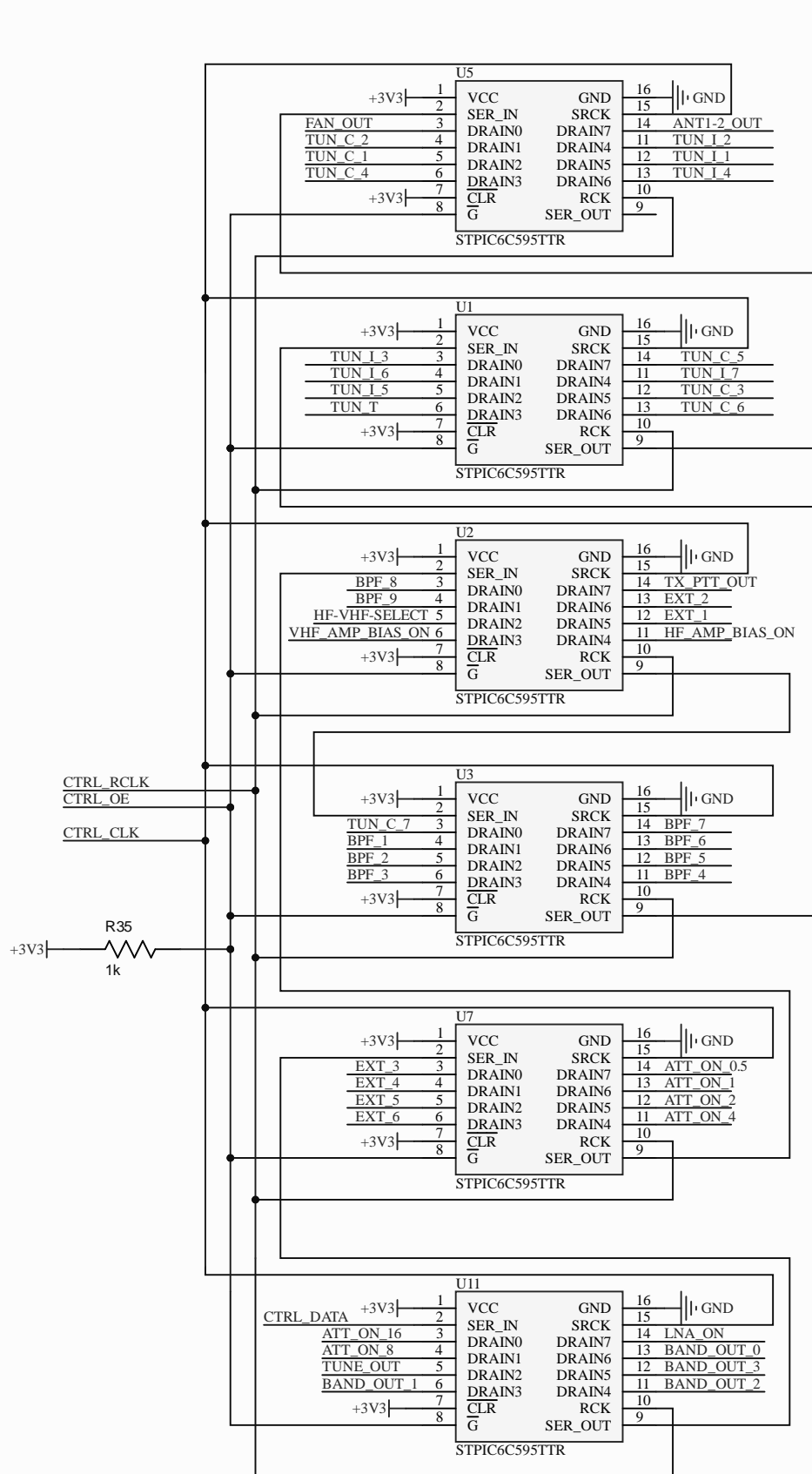
Title <i>RF-UNIT BIG</i>			<div></div>
Size: A4	Number:12	Revision:2.0	
Date: 02.07.2021	Time: 14:30:11	Sheet 12 of 18	
File: D:\Dropbox\Develop\Projects\WOLF\Scheme\Experimantal\RF-UNIT-SPLIT\RF-UNIT-SPLIT.SCHDOC			

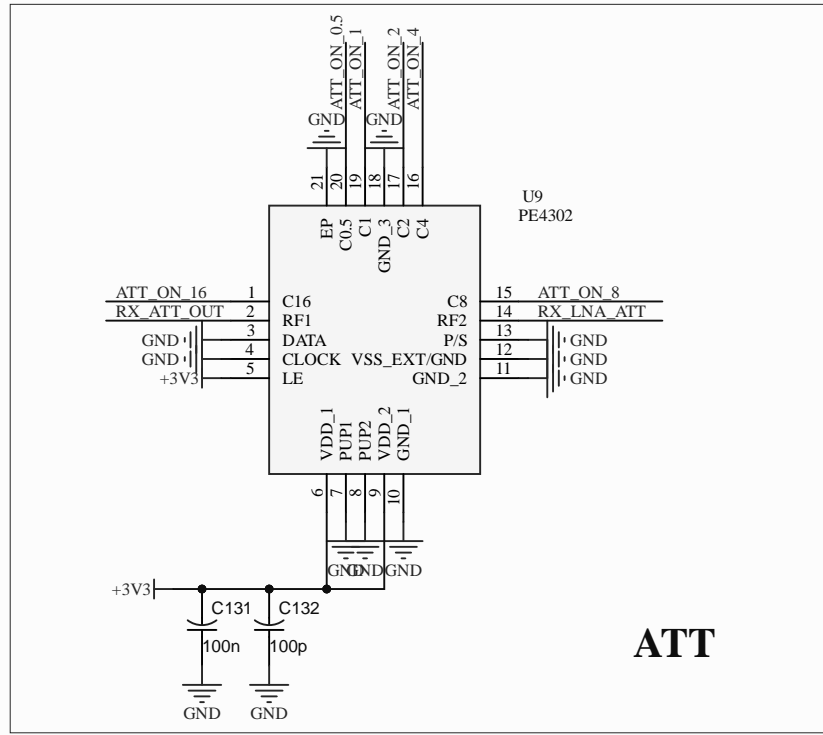
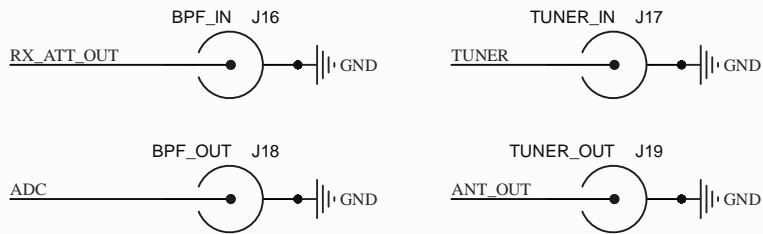
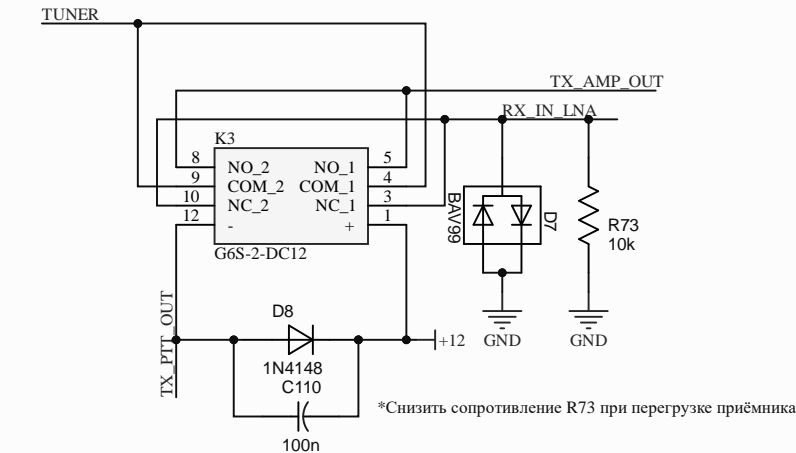
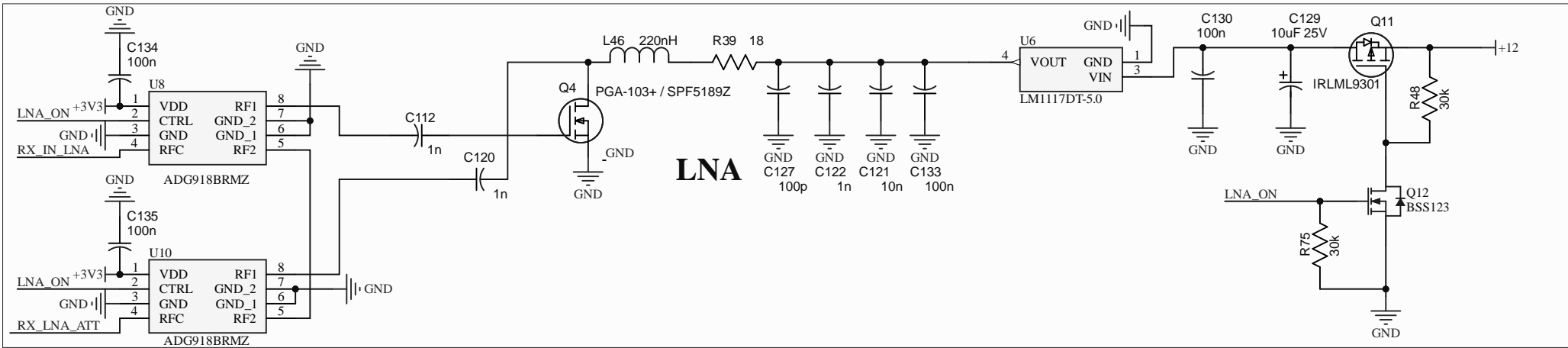
1

2

3

4





Comment	Description	Designator	Footprint	Quantity
1k	RES_0805	R31, R33, R57, R69, R70, R71, R72	RESC2013X60X40NL20 T25	7
1k	RES_0805	R35	RES_0805	1
1n	CAP_0805	C112, C120	CAP_0805	2
1n	CAP_0805	C122	6-0805_M	1
1N4148	1N4148	D1, D4, D5, D8, D31	SS14	5
2k	RES_0805	R13	RES_0805	1
10k	RES_1206	R73	RES_1206	1
10n	CAP_0805	C121	6-0805_M	1
10uF 25V	CAPAE_5.3x5.3h6.1	C129	CAPAE_5.3x5.3h6.1	1
18	RES_1206	R39	RES_1206	1
30k	RES_0805	R48, R75	RES_0805	2
100n	CAP_0805	C1, C107, C108, C109, C110, C130, C133, C134, C135	CAP_0805	9
100n	CAP_0805	C131	6-0805_M	1
100p	CAP_0805	C127, C132	6-0805_M	2
220nH	IND_1206	L46	IND_1206	1
560	RES_0805	R3, R7, R8, R9, R10, R11, R12	RES_0805	7
51022-0200	51022-0200	FAN_OUT	51022-0200	1
ADC	SMA	J2	31-5431	1
ADG918BRMZ	Integrated Circuit	U8, U10	SOP65P490X110-8N	2
ANT1	SMA	J1	31-5431	1
ANT2	SMA	J5	31-5431	1
Axicom IM06	Axicom IM06	U4, U12	IM06GR	2
BAV99	BAV99	D7	SOT23	1
BPF_IN	SMA	J16	31-5431	1
BPF_OUT	SMA	J18	31-5431	1
BSS123	N-Channel Logic Level Enhancement Mode Field Effect Transistor, 1.7 V, -55 to 150 degC, 3-Pin SOT-23, RoHS, Tape and Reel	Q12	FAIR-SOT23-3_V	1
DAC	SMA	J9	31-5431	1
EXTERNAL	2*5 PIN	J3	90131-0126	1
G6S-2-DC12	Relay or Contactor	K1, K2, K3	G6S2DC12	3
HF_AMP_IN	SMA	J7	31-5431	1
HF_LPF_OUT	SMA	J10	31-5431	1
IRLML9301	MOSFET	Q11	SOT23	1
KTY81/120	Integrated Circuit	R14	TO254P420X460X770- 2P	1
LM1117DT-5.0	Integrated Circuit	U6	TO228P991X238-3N	1
MOTHERBOARD	2*5 PIN	J4	90131-0126	1
OUT_AMPS	2*5 PIN	J11	90131-0126	1
OUT_BPF	2*5 PIN	J14	90131-0126	1
OUT_EXT	2*5 PIN	J20	90131-0126	1
OUT_LPF	2*5 PIN	J15	90131-0126	1
OUT_TUNER_C	2*5 PIN	J13	90131-0126	1
OUT_TUNER_I	2*5 PIN	J12	90131-0126	1
PE4302	Integrated Circuit	U9	QFN50P400X400X90- 21N	1
PGA-103+ / SPF5189Z	PGA-103+ / SPF5189Z	Q4	SOT89	1
SMAJ5.0A-TR	Diode	D2	SMBJ36CATR	1
STPIC6C595TTR	Integrated Circuit	U1, U2, U3, U5, U7, U11	SOP65P640X120-16N	6
TUNER_IN	SMA	J17	31-5431	1
TUNER_OUT	SMA	J19	31-5431	1
VHF_AMP_IN	SMA	J6	31-5431	1
VHF_LPF_OUT	SMA	J8	31-5431	1