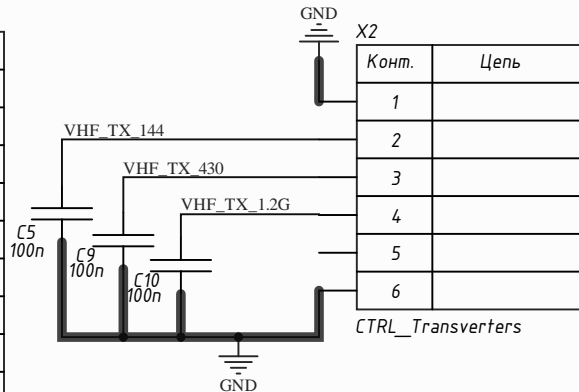


SWR_BACKW	1
SWR_FORW	2
VHF_TX_144	3
GND	4
VHF_TX_430	5
VHF_RX_A	6
LNA	7
VHF_RX_B	8
VHF_TX_1.2G	9
VHF_RX_C	10
ATT16	11
ATT4	12
+5V	13
ATT8	14

Конт.	Цепь
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	

VHF Control



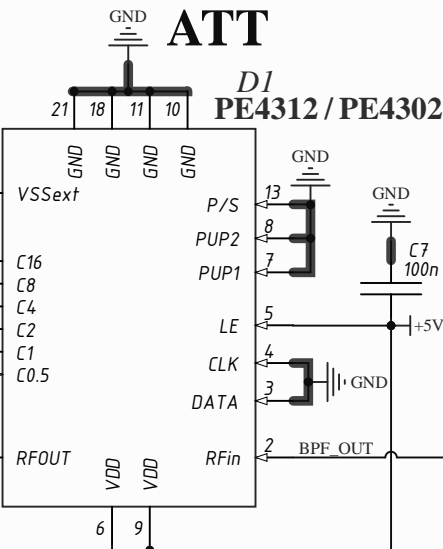
CTRL_Transverters

Конт.	Цепь
1	VHF_TX_144
2	LNA
3	RX_1.2G
4	SWR_BACKW
5	SWR_FORW

CTRL_144

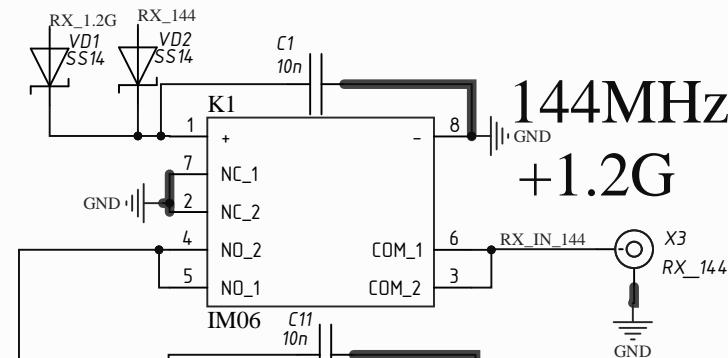
Конт.	Цепь
1	VHF_TX_430
2	LNA
3	GND
4	SWR_BACKW
5	SWR_FORW

CTRL_430

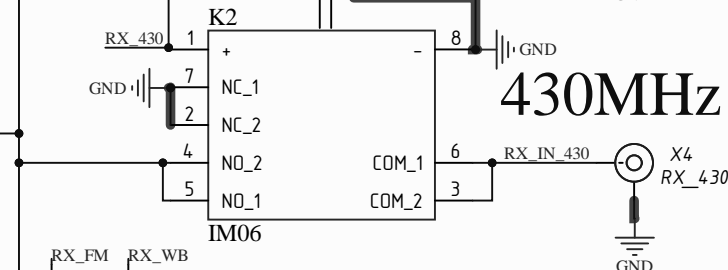


ATT

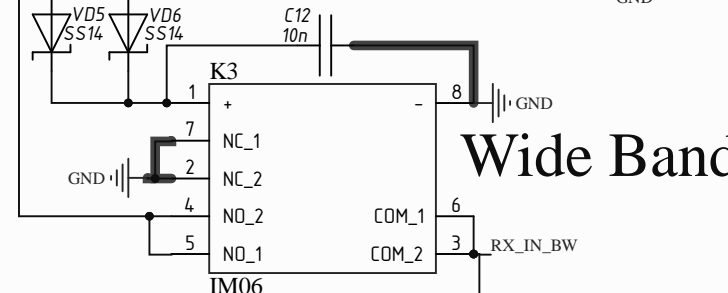
D1 PE4312 / PE4302



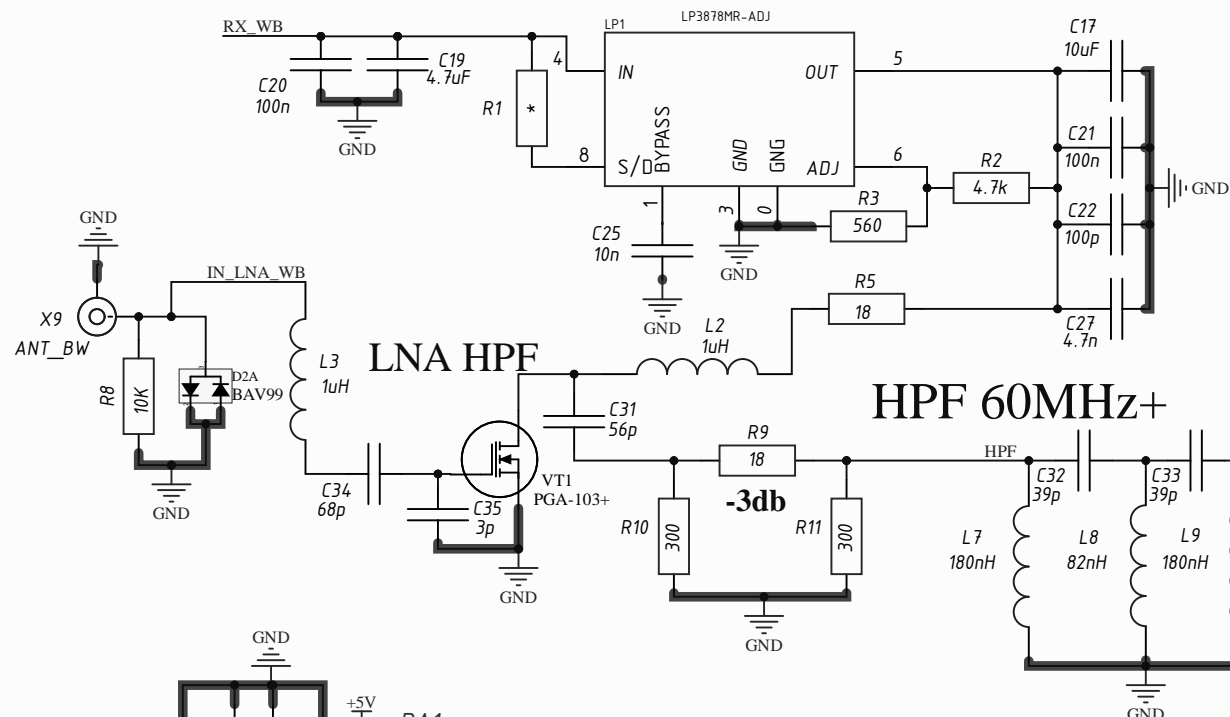
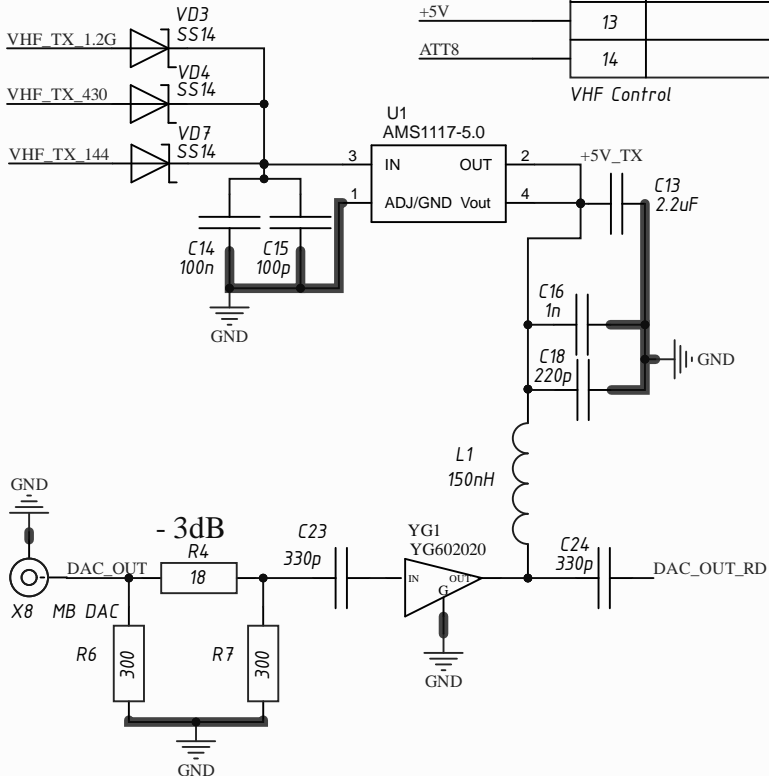
144MHz +1.2G



430MHz

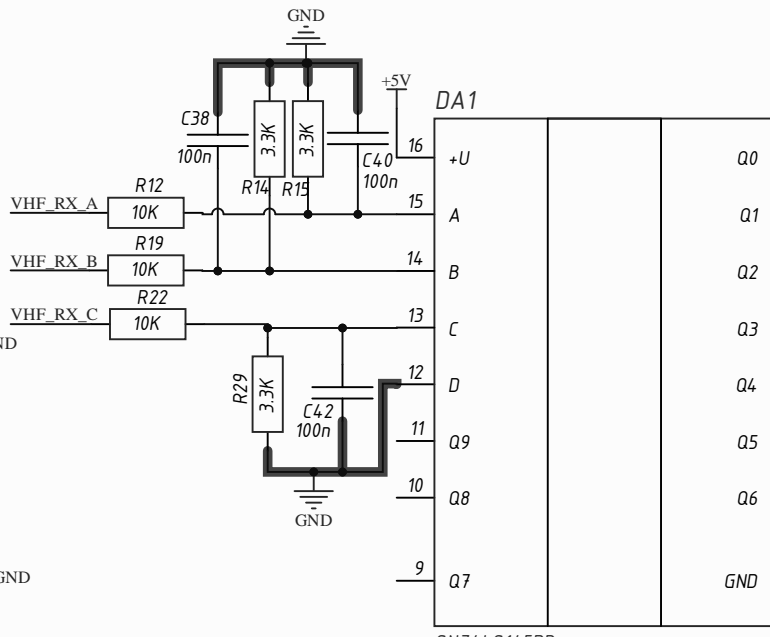
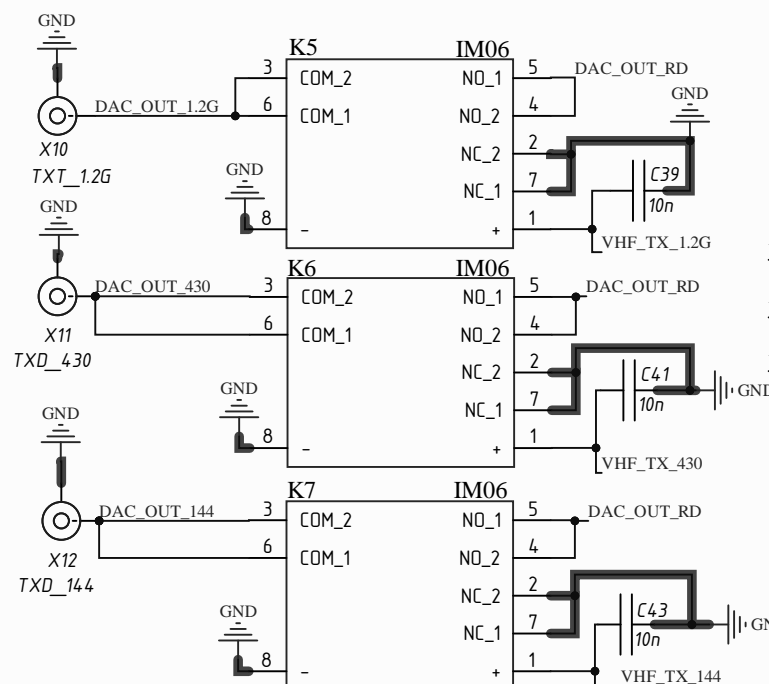


Wide Band

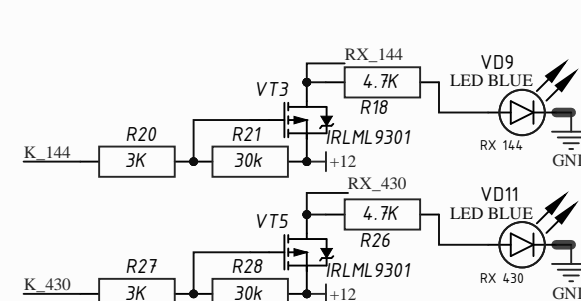
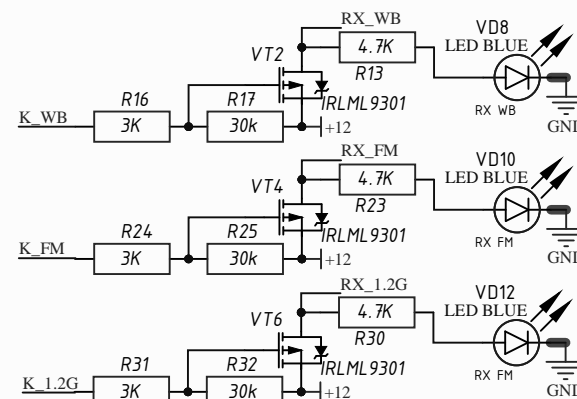


LNA HPF

HPF 60MHz+



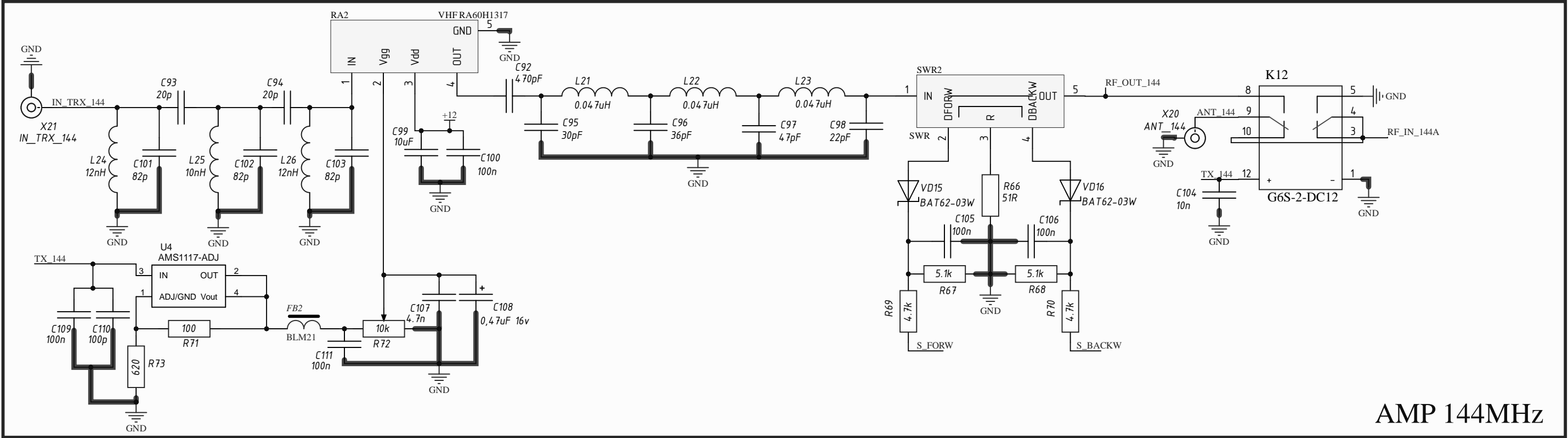
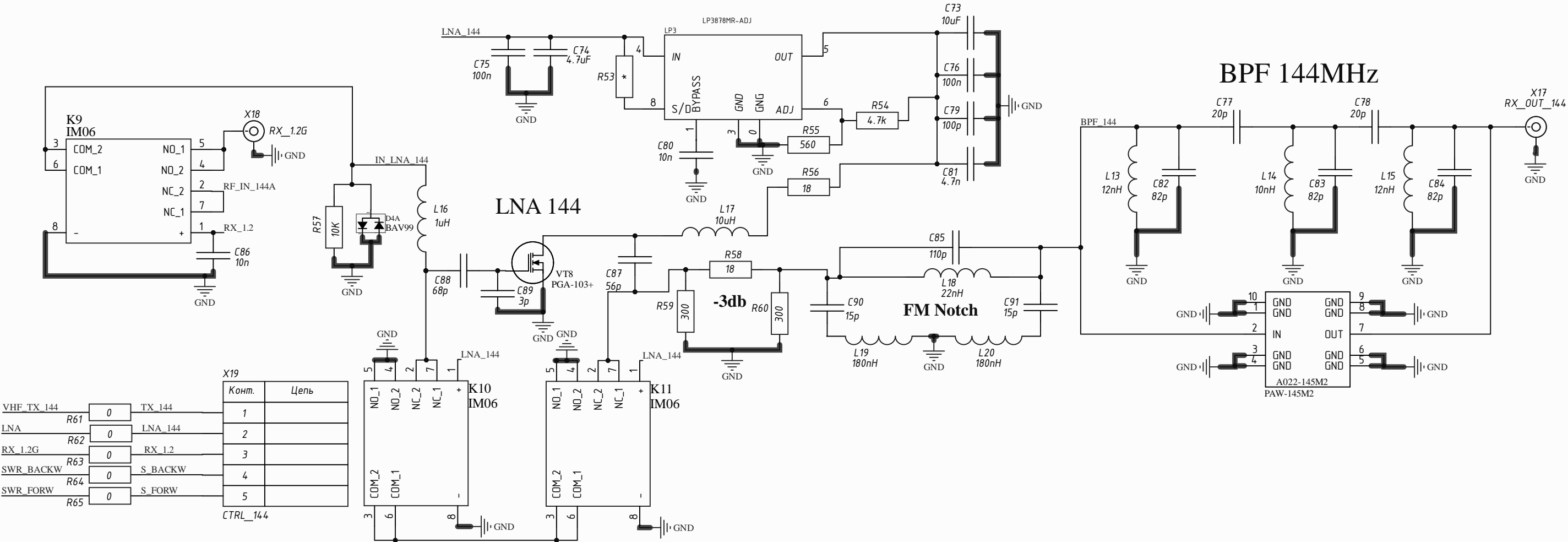
SN74LS145DR



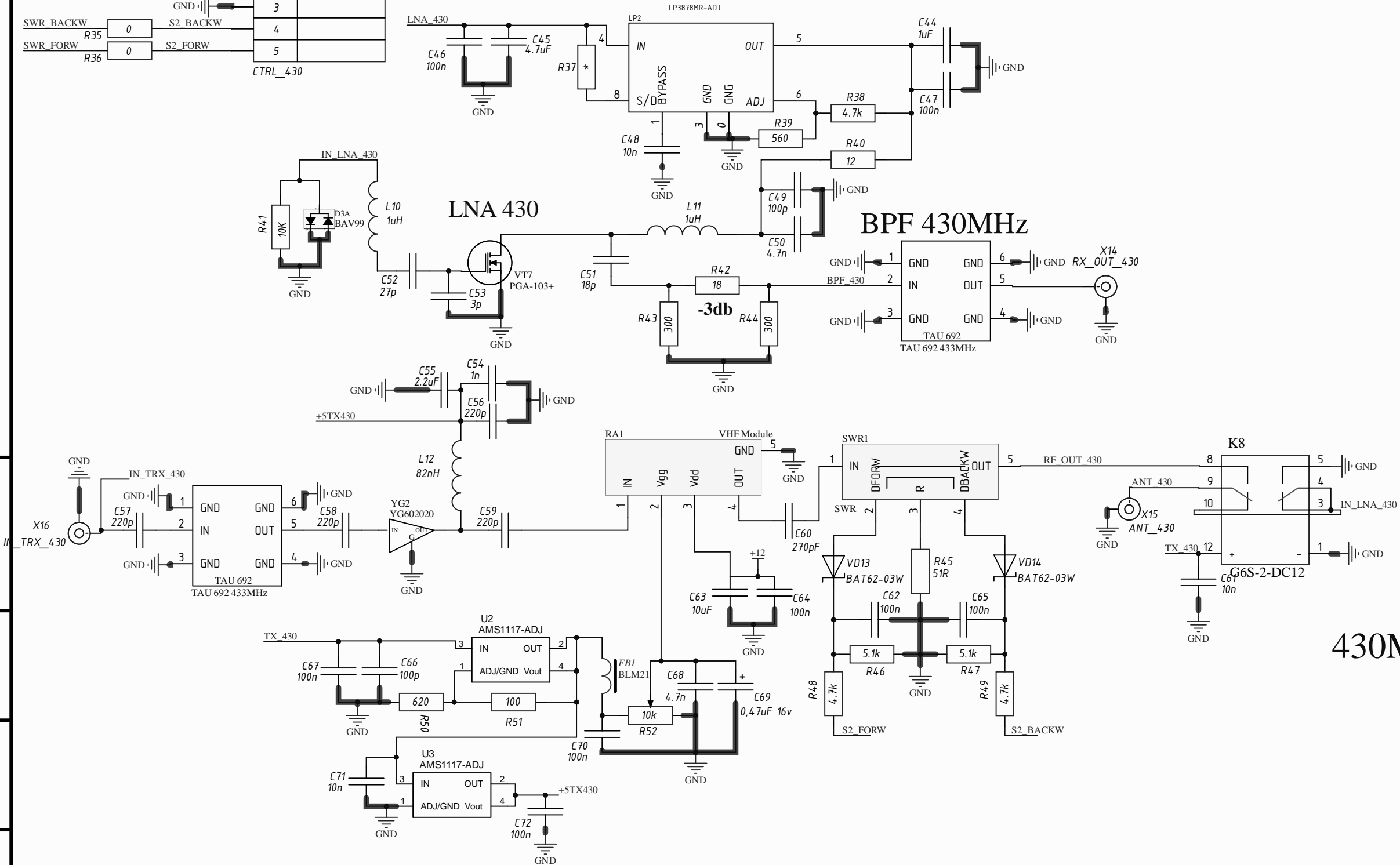
Wolf-2 VHF/UHF Connector

Изм. Лист № докум. Подп. Дата

Лист 1



			X13	
			Конт.	Цепь
VHF_TX_430	R33	0	TX_430	1
LNA	R34	0	LNA_430	2
			GND	3
SWR_BACKW	R35	0	S2_BACKW	4
SWR_FORW	R36	0	S2_FORW	5
			CTRL_430	



430MHz

Подп. и дата	
Инд. № дудл.	
Взам. инд. №	
Подп. и дата	
Инд. № подл.	

Изм.	Лист	№ докум.	Подп.	Дата

Wolf2 - VHF RF

Comment	Description	Designator	Footprint	LibRef	Quantity
10n		C1, C8, C11, C12, C25, C39, C41, C43, C48, C61, C71, C80, C86, C104	CH0805C	Capacitor	14
100n		C2, C3, C4, C5, C7, C9, C10, C14, C20, C21, C37, C38, C40, C42, C46, C47, C62, C64, C65, C67, C70, C72, C75, C76, C100, C105, C106, C109, C111	CH0805C	Capacitor	29
1uF		C6, C44	CH0805C	Capacitor	2
2.2uF		C11, C35	CH0805C	Capacitor	2
100p		C15, C22, C28, C36, C49, C66, C79, C110	CH0805C	Capacitor	8
1n		C16, C54	CH0805C	Capacitor	2
10uF		C17, C73	CH0805C	Capacitor	2
220p		C18, C56, C57, C58, C59	CH0805C	Capacitor	5
4.7uF		C19, C45, C74	CH0805C	Capacitor	3
50p		C23, C24	CH0805C	Capacitor	2
110p		C26, C85	CH0805C	Capacitor	2
4.7n		C27, C50, C68, C81, C107	CH0805C	Capacitor	5
15p		C29, C30, C90, C91	CH0805C	Capacitor	4
56p		C31, C87	CH0805C	Capacitor	2
39p		C32, C33	CH0805C	Capacitor	2
68p		C34, C88	CH0805C	Capacitor	2
3p		C35, C53, C89	CH0805C	Capacitor	3
18p		C51	CH0805C	Capacitor	1
27p		C52	CH0805C	Capacitor	1
270pf		C60	CH1206ATC	Capacitor	1
10uF		C63, C99	CH1206C	Capacitor	2
0.47uF 16v		C69, C108	TANTAL_B	TantalCap	2
20p		C77, C78, C93, C94	CH0805C	Capacitor	4
62p		C82, C83, C84, C101, C109, C103	CH0805C	Capacitor	6
470pf		C92	CH1206ATC	Capacitor	1
30pf		C95	CH1206ATC	Capacitor	1
36pf		C96	CH1206ATC	Capacitor	1
67pf		C97	CH1206ATC	Capacitor	1
22pf		C98	CH1206ATC	Capacitor	1
PE4312 / PE4302		D1	20-GFN (4x4)	PE4312-Nx1	1
8AVVW		D2, D3, D4	SOT23_132	8AVVW	3
SD14LS1450R		D41	16-SCP	SD14LS1450R	1
BLM21		F81, F82	CH0805L	FB-1	2
IM06		K1, K2, K3, K5, K6, K7, K9, K10, K11	IM06	IM06-V1	9
IM06-12v		K4	IM06	IM06-V1	1
G65-2-DC12		K8, K12	G65-2-DC12	G65-2-12VDC	2
390nH		L1	CH1210L	Inductor	1
1uH		L2, L3, L10, L11, L16	CH1210L	Inductor	5
22nH		L4, L18	CH1206L	Inductor	2
180nH		L5, L6, L7, L9, L19, L20	CH1206L	Inductor	6
60nH		L8	CH1206L	Inductor	1
60nH		L12	CH1210L	Inductor	1
12nH		L13, L15, L24, L26	CH1206L	Inductor	4
10nH		L14, L25	CH1206L	Inductor	2
10uH		L17	CH1210L	Inductor	1
0.047uH		L21, L22, L23	TSO-6	Inductor ring	3
LP3878B-ADJ	LP3878B-ADJ HSOP-8	P1, LP2, LP3	SCP-8-gnd	LP3878B-ADJ	1
PAW-145M2	PAW-A022-145M2	PAW-1	PAW-145M2	PAW-145M2	1
		R1, R37, R53	CH0805R	Resistor	3
4.7k		R2, R13, R18, R23, R26, R30, R36, R48, R49, R54, R59, R70	CH0805R	Resistor	12
560		R3, R39, R55	CH0805R	Resistor	3
18		R4, R9, R62, R58	CH0805R	Resistor	4
18		R5, R56	CH2010R	Resistor	2
300		R6, R7, R10, R11, R43, R44, R59, R60	CH0805R	Resistor	8
10K		R8, R41, R57	CH2010R	Resistor	3
10K		R12, R19, R22	CH0805R	Resistor	3
1.3K		R14, R15, R29	CH0805R	Resistor	3
3K		R16, R20, R24, R27, R31	CH0805R	Resistor	5
30k		R17, R21, R25, R28, R32	CH0805R	Resistor	5
0		R33, R34, R35, R36, R61, R62, R63, R64, R65	CH1206R	Resistor	9
12		R40	CH2010R	Resistor	1
51R		R45, R66	CH1206R	Resistor	2
5.1k		R46, R47, R67, R68	CH0805R	Resistor	4
620		R50, R73	CH0805R	Resistor	2
100		R51, R71	CH0805R	Resistor	2
10k		R52, R72	RES_3296W	ADJ.resistor	2
VHF Module	RA09H	RA1	RA09H	RA09H	1
VHF RA09H1317	RA09H	RA2	RA09H	RA09H	1
SWR	SWR_VHF	SWR0, SWR2	SWR_VHF	SWR_VHF	2
TAU692.433MHz	TAU692.433MHz	TAU-1, TAU-2	TAU-692.433MHz	TAU-692.433MHz	2
LT117-5.0	LT117CST-5.0	U1	LT117CST-3.3	LT117CST-3.3	1
LT117-ADJ	LT117CST-ADJ	U2, U3, U4	LT117CST-3.3	LT117CST-3.3	3
SS14		VD1, VD2, VD3, VD4, VD5, VD6, VD7	SMA	Diode Schottky	7
LED BLUE		VD8, VD9, VD10, VD11, VD12	LED_0805B	LED_single	5
BA762-03W		VD13, VD14, VD15, VD16	SOD323	Diode Schottky	4
PGA-103+		V71, V17, V18	SOT89_321, PGA103	N	3
IRLM9301	Mosfet	V12, V13, V14, V15, V16	SOT23_132	IRLM9301	5
VHF Control		X1	CON_IDC-14MS	14-Connector	1
CTRL Transverters		X2	CON_PBS-6	6-Connector	1
RX_144	RF	X3	CON_u.FI	u.FI	1
RX_430	RF	X4	CON_u.FI	u.FI	1
MBI_ADC	RF	X5	CON_SMA	SMA	1
CTRL_144		X6, X19	CON_PLS-5	5-Connector	2
CTRL_430		X7, X13	CON_PLS-5	5-Connector	2
MB_DAC	RF	X8	CON_SMA	SMA	1
ANT_BW	RF	X9	CON_SMA	SMA	1
TXT_1.2G	RF	X10	CON_SMA	SMA	1
TXD_430	RF	X11	CON_u.FI	u.FI	1
TXD_144	RF	X12	CON_u.FI	u.FI	1
RX_OUT_430	RF	X14	CON_u.FI	u.FI	1
ANT_430	RF	X15	CON_SMA	SMA	1
IM_10K_430	RF	X16	CON_u.FI	u.FI	1
RX_OUT_144	RF	X17	CON_u.FI	u.FI	1
RX_1.2G	RF	X18	CON_SMA	SMA	1
ANT_144	RF	X20	CON_SMA	SMA	1
IM_10K_144	RF	X21	CON_u.FI	u.FI	1
VG602020		YG1, YG2	SOT89_123	VG602020	3

