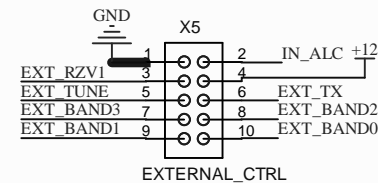
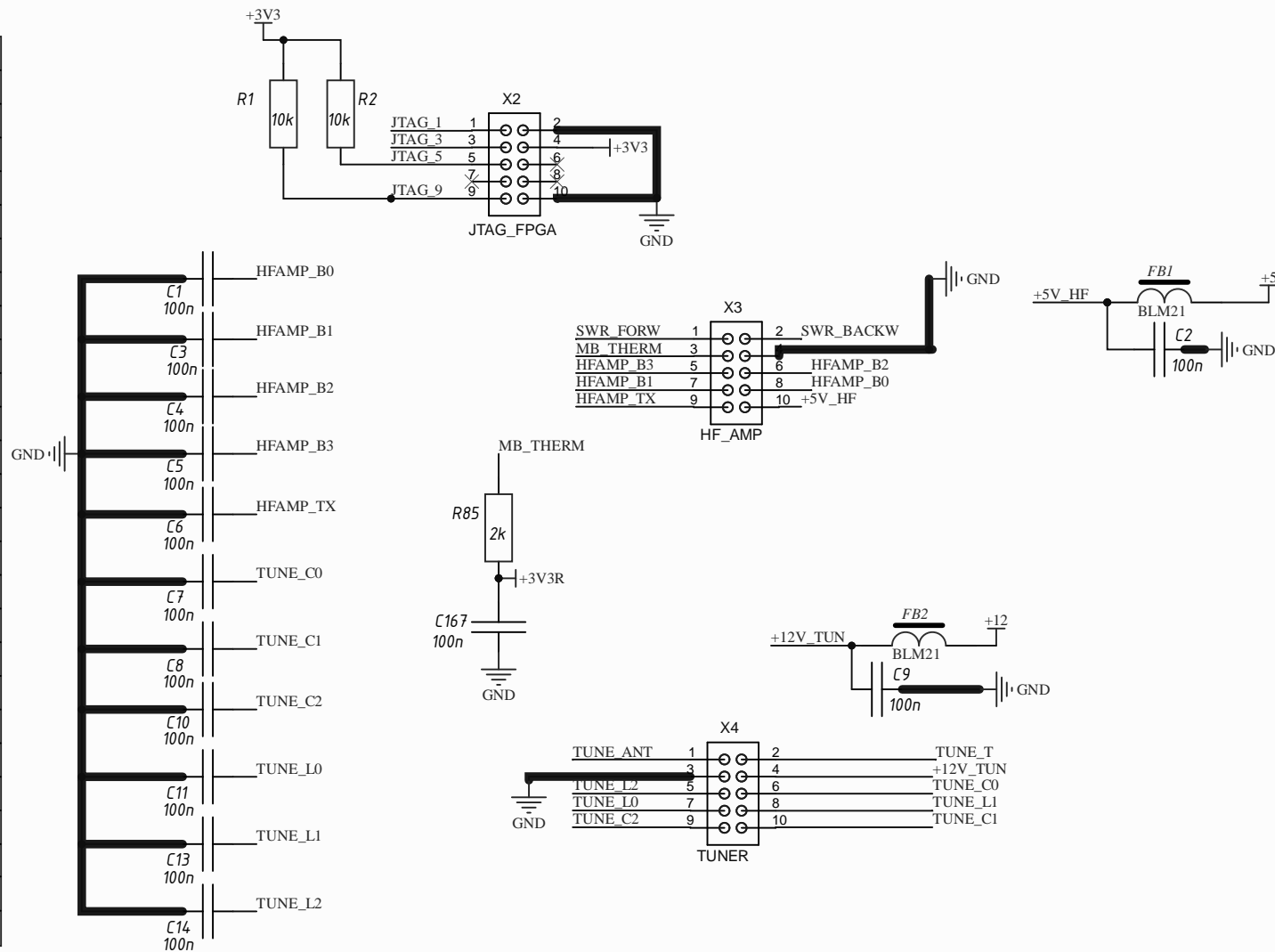
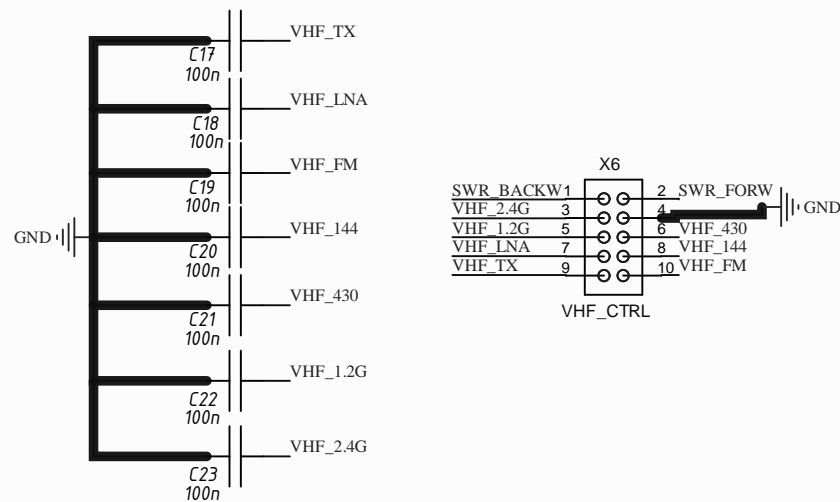


2.106-A3

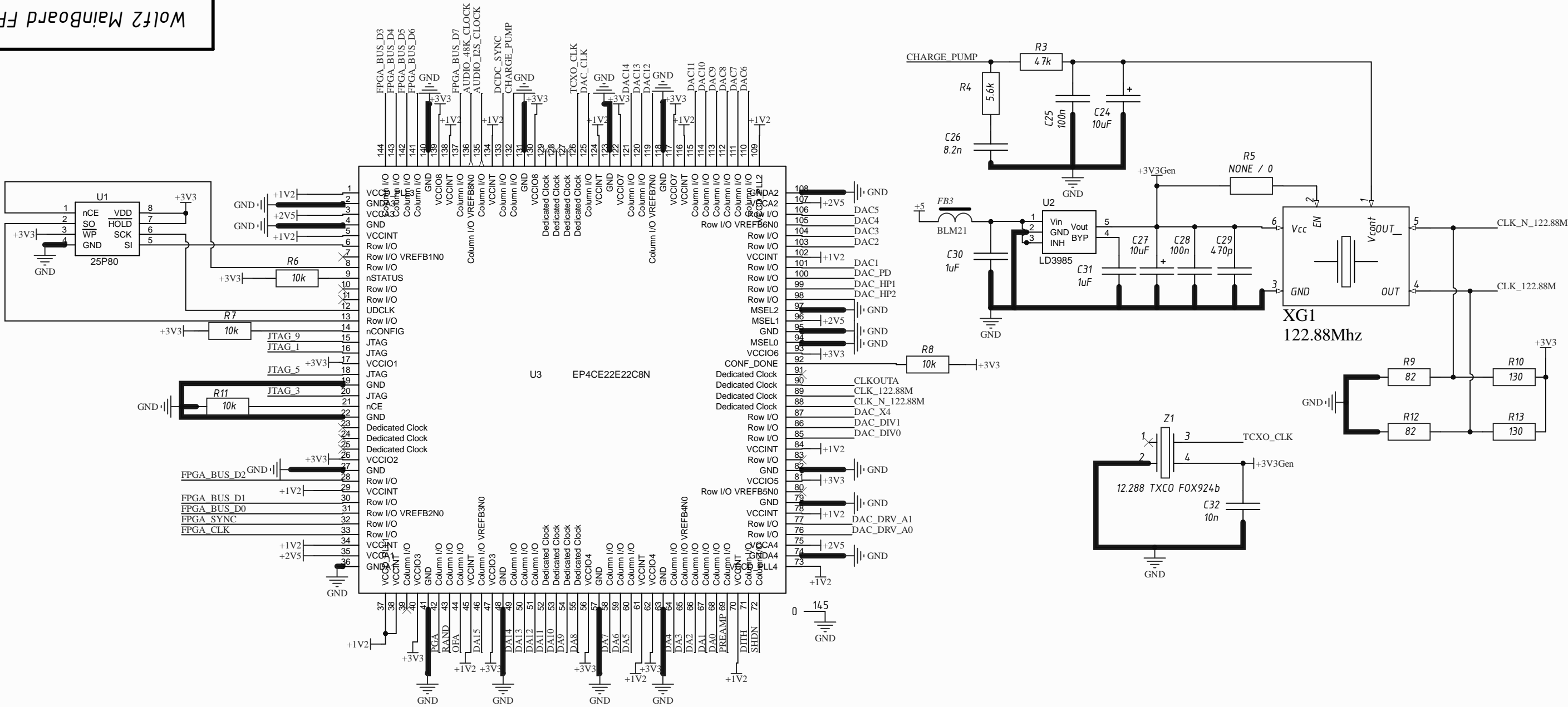


X7	
Конт.	Цепь
CTRL_OE	1
CTRL_RCLK	2
CTRL_CLK	3
+3V3R	4
SOUT6	5
CTRL_OPT	6

					Wolf2 MainBoard Connections									
					*	Лит.			Масса		Масштаб			
Изм.	Лист	№ докум.	Подп.	Дата		Лист			1	Листов			7	
Разраб.	RU4PN													
Пров.	UA3RE0													
Т.контр.														
*														
Н.контр.					Wolf Teams									
Утв.	UA3RE0													

Перв. примен.	Справ. №	Подп. и дата	Инд. № дудл.	Взам. инд. №	Подп. и дата	Инд. № подл.

Wolf2 MainBoard FPGA



					Wolf2 MainBoard FPGA						
					*	Лист		Масса		Масштаб	
Изм.	Лист	№ докум.	Подп.	Дата							
Разраб.	RU4PN										
Пров.	UA3RE0										
Т.контр.						Лист		2	Листов		7
*						Wolf Teams					
И.контр.											
Утв.	UA3RE0										

Перв. примен.

Справ. №

Подп. и дата

Инд. № дубл.

Взам. инд. №

Подп. и дата

Инд. № подл.

Wolf2 MainBoard Power

ADC Power

DAC Power

FPGA Power

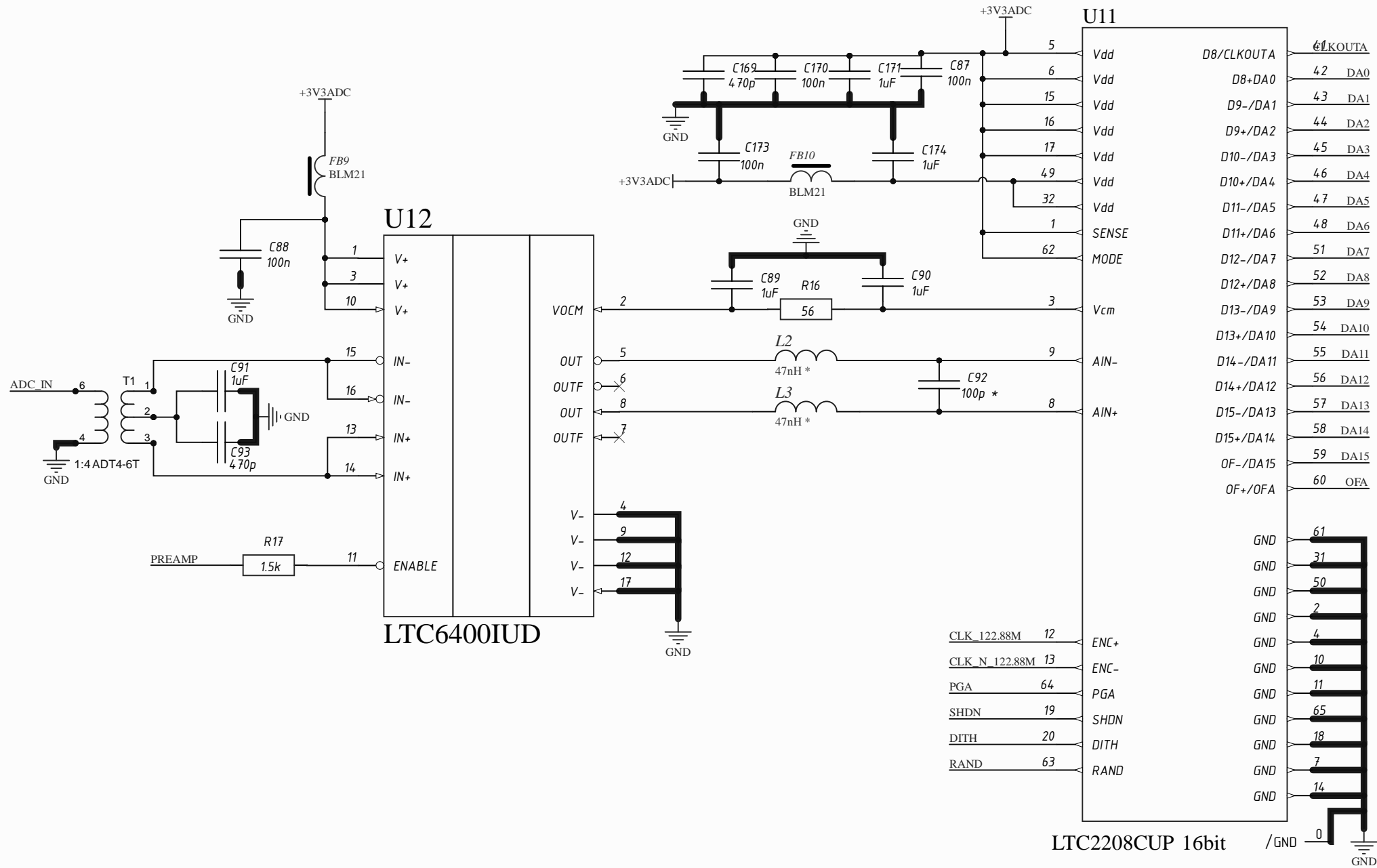
RF Power

					Wolf2 MainBoard Power				
					*	Лист	Масса	Масштаб	
Изм.	Лист	№ докум.	Подп.	Дата					
Разраб.	RU4PN								
Пров.	UA3RE0								
Т.контр.						Лист	3	Листов	7
*						Wolf Team			
Н.контр.									
Утв.	UA3RE0								

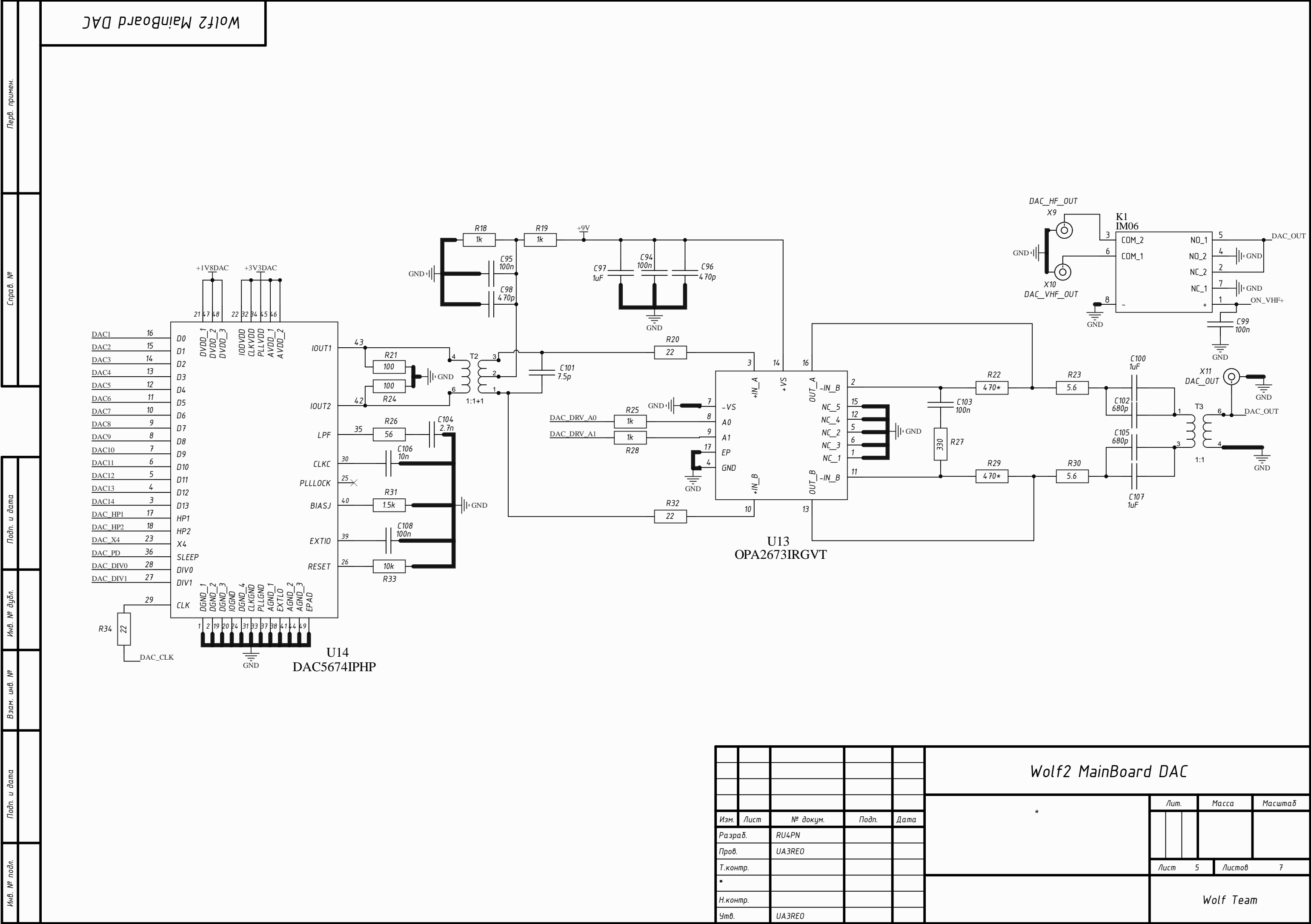
2.106-A3

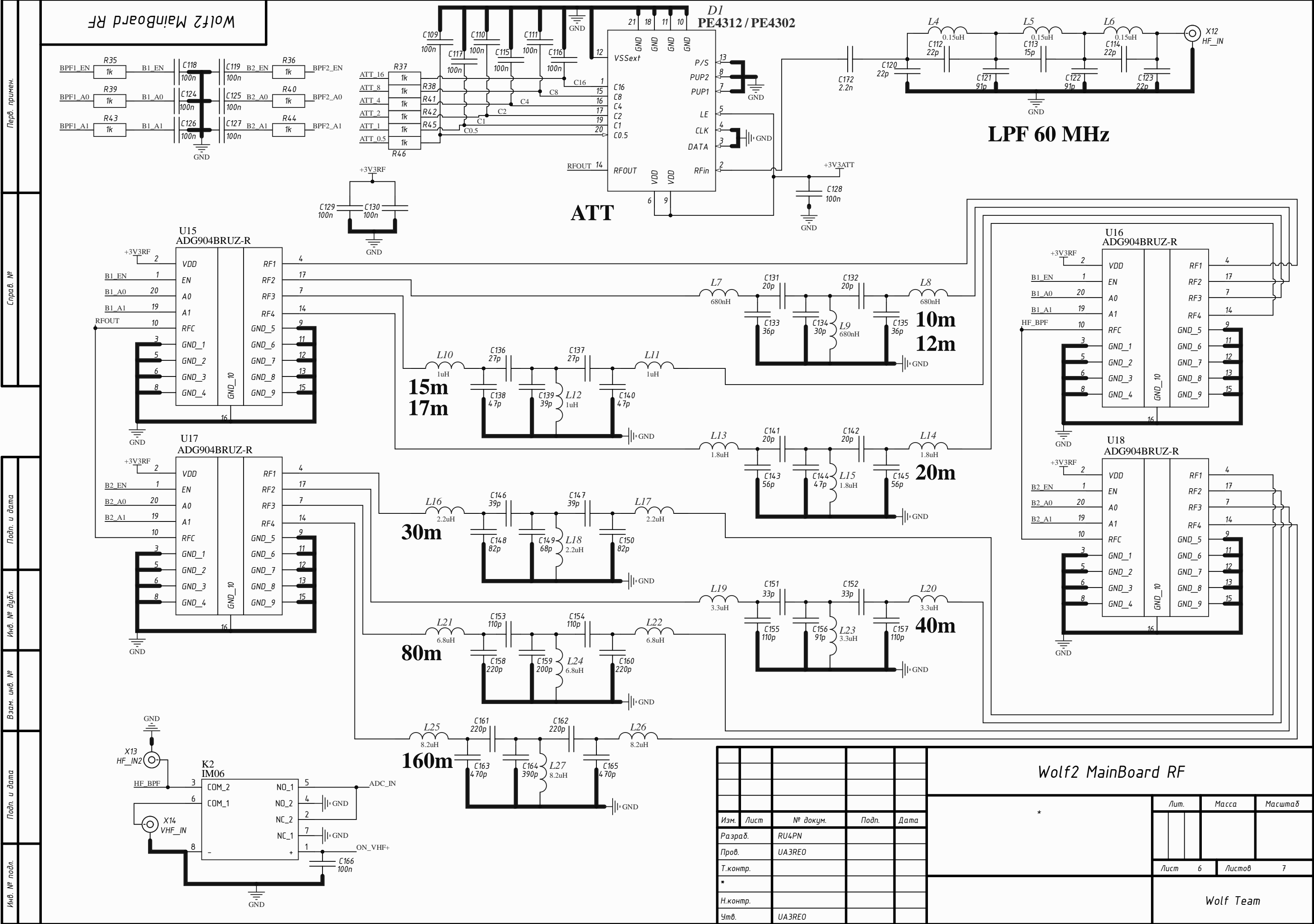
Копировал

Формат А3

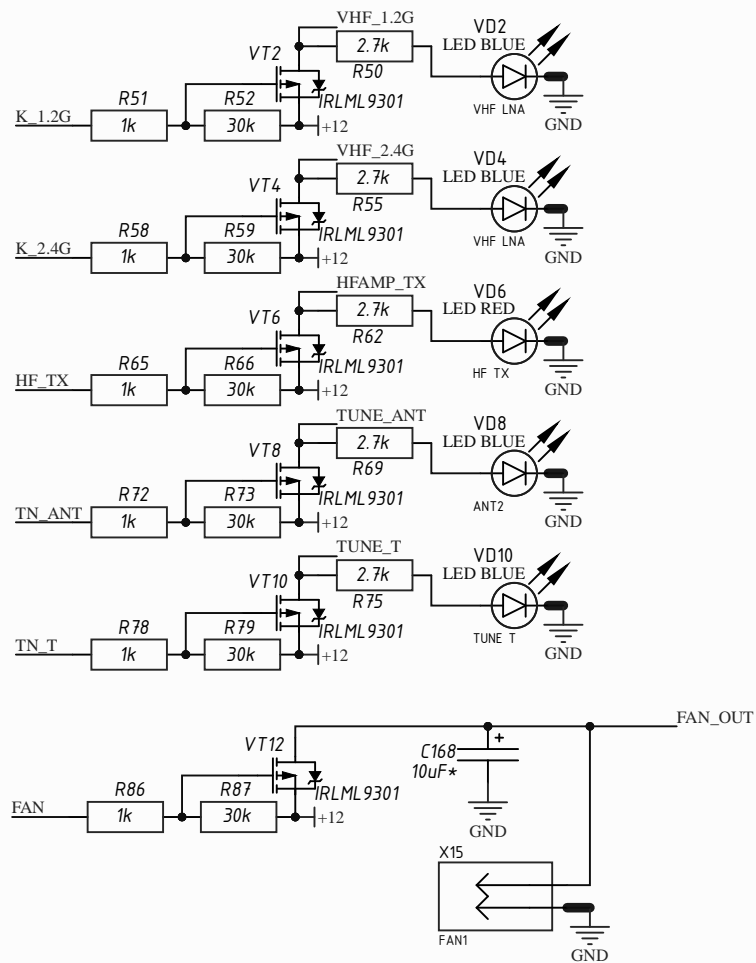
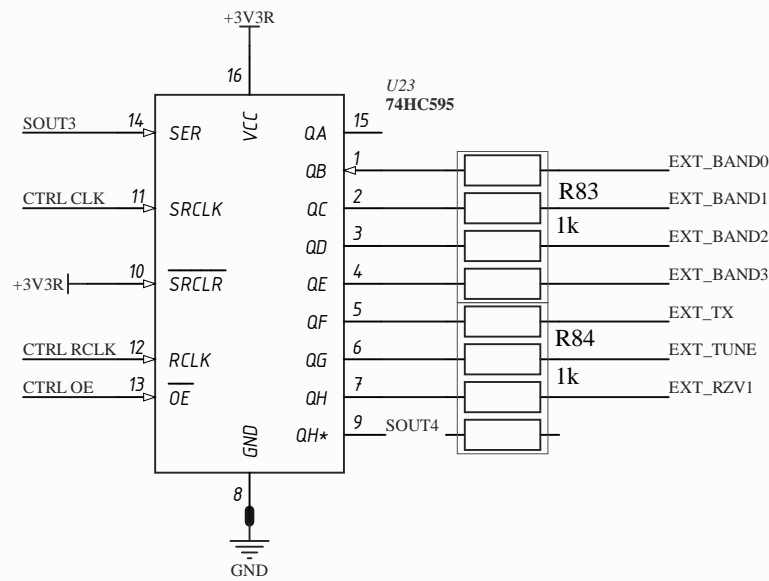
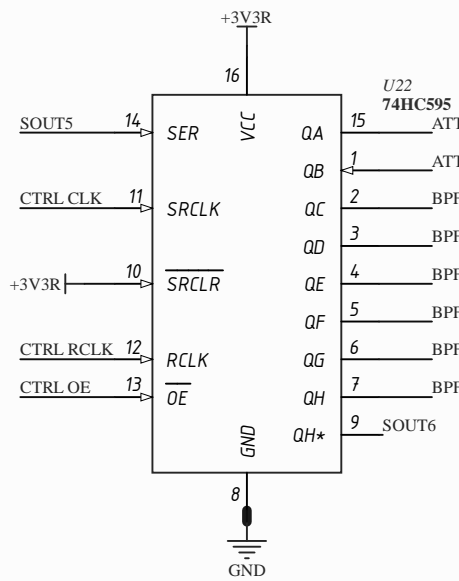
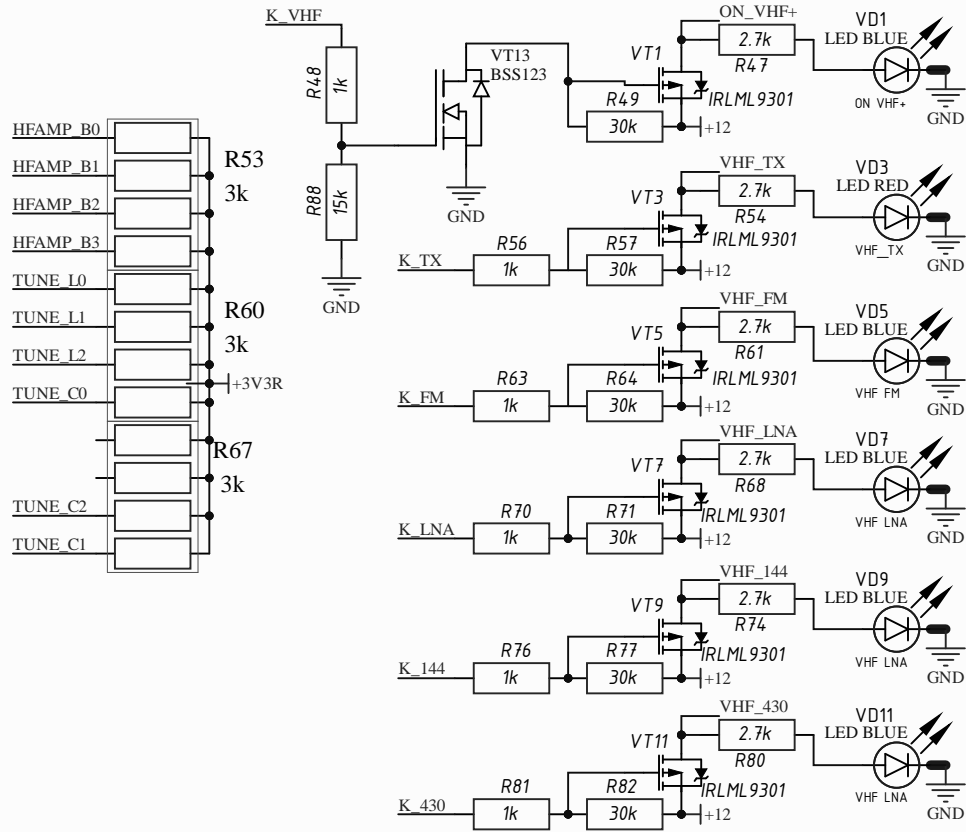
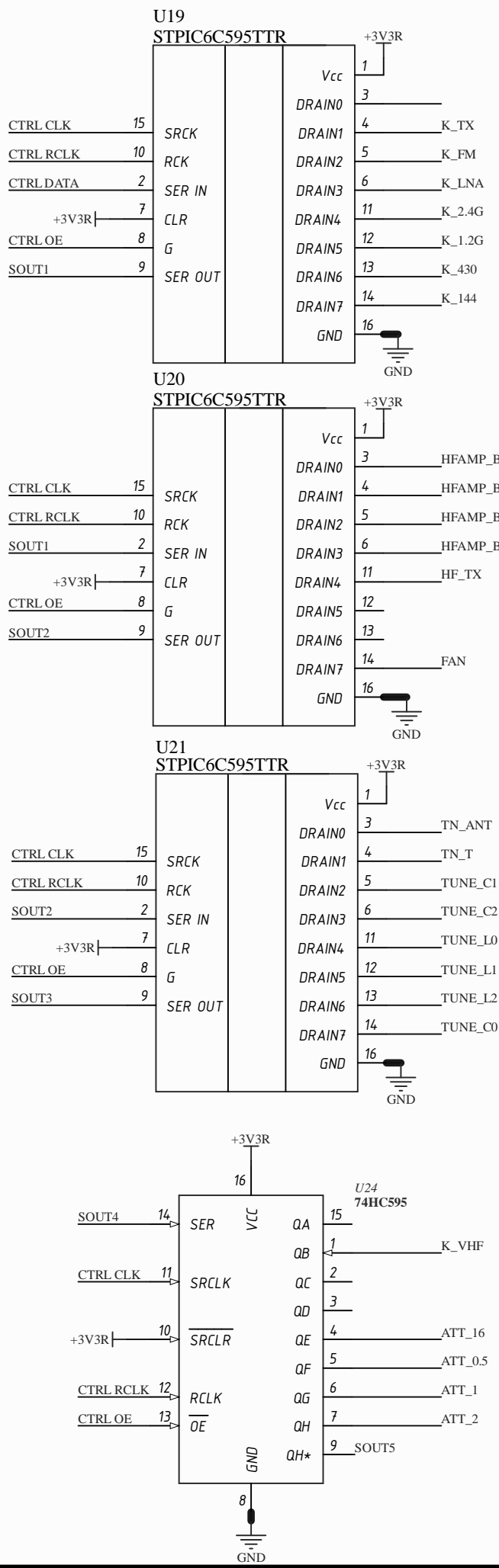


					Wolf2 MainBoard ADC										
					*	Лит.			Масса			Масштаб			
Изм.	Лист	№ докум.		Подп.		Дата									
Разраб.		RU4PN													
Пров.		UA3RE0													
Т.контр.							Лист	4		Листов			7		
*							Wolf Team								
Н.контр.															
Утв.		UA3RE0													





Wolf2 MainBoard Control



					Wolf2 MainBoard Control									
					*	Лит.			Масса		Масштаб			
Изм.	Лист	№ докум.		Подп.		Дата								
Разраб.	RU4PN													
Пров.	UA3REO													
Т.контр.						Лист			7	Листов		7		
*						Wolf Team								
Н.контр.														
Утв.	UA3REO													

Comment	Description	Designator	Footprint	Libref	Quantity
		C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C17, C18, C19, C20, C21, C22, C23, C24, C26, C42, C44, C45, C46, C48, C49, C50, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C65, C67, C68, C69, C70, C71, C74, C79, C80, C81, C82, C83, C85, C87, C88, C94, C95, C96, C103, C108, C109, C110, C111, C115, C116, C117, C118, C119, C124, C125, C126, C127, C128, C129, C130, C136, C147, C150, C151	CH0805C	Capacitor_CAP_0805	75
100n	[NoValue], CAP_0805				
10uF		C16, C48, C57, C58, C59, C60, C61, C43, C39, C44, C46, C75, C84	TANTAL_B	TantalCap	15
0.2u		C26	CH0805C	Capacitor	1
47p		C29, C40, C71, C93, C96, C98, C143, C145, C149	CH0805C	Capacitor	9
1uF		C38, C31, C47, C49, C61, C72, C86, C89, C90, C91, C97, C140, C107, C171, C174	CH0805C	Capacitor	15
10n		C32, C36	CH0805C	Capacitor	2
100n	CAP_0805	C34, C38, C37, C40, C50, C42, C44, C49, C73, C74	CAP_0805	CAP_0805	10
100p *		C59	CH0805C	Capacitor	1
12p		C101	CH0805C	Capacitor	1
40p		C102, C105	CH0805C	Capacitor	2
0.1n		C104	CH0805C	Capacitor	1
22p		C121, C112, C114, C120	CH0805C	Capacitor	4
10p		C113	CH0805C	Capacitor	1
47p		C123, C122, C126	CH0805C	Capacitor	3
20p		C131, C132, C141	CH0805C	Capacitor	4
36p		C142	CH0805C	Capacitor	2
36p		C133, C135	CH0805C	Capacitor	2
20p		C134	CH0805C	Capacitor	1
10p		C136, C137	CH0805C	Capacitor	2
47p		C138, C140, C144	CH0805C	Capacitor	3
10p		C139, C146, C147	CH0805C	Capacitor	3
56p		C143, C145	CH0805C	Capacitor	2
10p		C148, C150	CH0805C	Capacitor	2
100p		C149	CH0805C	Capacitor	1
10n		C151, C152	CH0805C	Capacitor	2
110p		C153, C154, C155, C157	CH0805C	Capacitor	4
220p		C156, C160, C161	CH0805C	Capacitor	4
100p		C159	CH0805C	Capacitor	1
10p		C164	CH0805C	Capacitor	1
10uF		C168	TANTAL_B	TantalCap	1
0.2n		C172	CH0805C	Capacitor	1
PE4122 / PE4102		U3	PC-07N (4x4)	PE4122-4m1	1
BLM101		F81, F82, F83, F84, F85, F86, F87, F88, F89	CH0805L	FB-1	9
BLM101		F90	CH0805L	FB-1	1
BLM101		F91, F92	CH0805L	FB-1	2
AD9814	RES_1206	R1, R2	MM	MM05V1	2
AD9814		R2, R3	MM	MM_1206	2
AD9814		R2, R3	CH0710L	Inductor-2	2
0.15uH		R4, R5, R6	CH0805L	Inductor-2	3
AD9814		R7, R8, R9	CH0805L	Inductor-2	3
1uH		R10, R11, R12	CH0805L	Inductor-2	3
0.1uH		R13, R14, R15	CH0805L	Inductor-2	3
0.2uH		R16, R17, R18	CH0805L	Inductor-2	3
0.3uH		R19, R20, R21	CH0805L	Inductor-2	3
0.1uH		R22, R23, R24	CH0805L	Inductor-2	3
0.2uH		R25, R26, R27, R28	CH0805L	Inductor-2	3
10k		R11, R13	CH0805R	Resistor	2
1k		R8	CH0805R	Resistor	1
0.1k		R9	CH0805R	Resistor	1
RCN2P / 0		R5	CH0805R	Resistor	1
50	50, R72	R72	CH0805R	Resistor	1
100		R80, R83	CH0805R	Resistor	2
100		R84, R91, R94	CH0805R	Resistor	3
420		R15	CH0805R	Resistor	1
10k		R16, R46	CH0805R	Resistor	2
10k		R17, R11	CH0805R	Resistor	2
7k		R18, R19, R25, R28, R30, R31, R37, R38, R39, R40, R41, R42, R43, R44, R46, R48, R49, R51, R54, R55, R63, R65, R71, R72, R76, R78, R81, R86	CH0805R	Resistor	28
22		R20, R22, R24	CH0805R	Resistor	3
420P		R21, R23	CH0805R	Resistor	2
0.6		R23, R30	CH0805R	Resistor	2
100		R27	CH0805R	Resistor	1
2.7k		R47, R50, R54, R55, R61, R62, R68, R69, R74, R75, R80	CH0805R	Resistor	11
20k		R49, R52, R57, R59, R64, R66, R71, R73, R77, R79, R82, R87	CH0805R	Resistor	12
1k		R53, R60, R67	CAT10	CAT10-0804	3
1k		R61, R64	CAT10	CAT10-0804	2
1k		R85	CH0805R	Resistor	1
1k		R86	CH0805R	Resistor	1
1.4A0814.01	Transformer	T1	TRANS_AC0812	TRANS_AC0812	1
0.1:1	Transformer	T2	TRANS_AC0812	TRANS_AC0812	1
0.1:1	Transformer	T3	TRANS_AC0812	TRANS_AC0812	1
ZPWR1	ZPWR1	U1	ZPWR1	ZPWR1	1
U1000	U1000	U2	U1000	U1000	1
EP4K10K220-10N	EP4K10K220-10N	U3	EP4K10-20-2220N	EP4K10K220-10N	1
U111.0		U111	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U112.0		U112	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U113.0		U113	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U114.0		U114	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U115.0		U115	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U116.0		U116	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U117.0		U117	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U118.0		U118	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U119.0		U119	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U120.0		U120	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U121.0		U121	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U122.0		U122	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U123.0		U123	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U124.0		U124	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U125.0		U125	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U126.0		U126	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U127.0		U127	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U128.0		U128	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U129.0		U129	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U130.0		U130	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U131.0		U131	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U132.0		U132	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U133.0		U133	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U134.0		U134	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U135.0		U135	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U136.0		U136	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U137.0		U137	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U138.0		U138	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U139.0		U139	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U140.0		U140	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U141.0		U141	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U142.0		U142	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U143.0		U143	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U144.0		U144	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U145.0		U145	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U146.0		U146	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U147.0		U147	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U148.0		U148	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U149.0		U149	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U150.0		U150	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U151.0		U151	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U152.0		U152	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U153.0		U153	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U154.0		U154	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U155.0		U155	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U156.0		U156	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U157.0		U157	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U158.0		U158	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U159.0		U159	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U160.0		U160	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U161.0		U161	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U162.0		U162	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U163.0		U163	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U164.0		U164	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U165.0		U165	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U166.0		U166	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U167.0		U167	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U168.0		U168	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U169.0		U169	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U170.0		U170	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U171.0		U171	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U172.0		U172	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U173.0		U173	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U174.0		U174	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U175.0		U175	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U176.0		U176	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U177.0		U177	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U178.0		U178	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U179.0		U179	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U180.0		U180	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U181.0		U181	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U182.0		U182	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U183.0		U183	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U184.0		U184	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U185.0		U185	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U186.0		U186	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U187.0		U187	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U188.0		U188	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U189.0		U189	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U190.0		U190	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U191.0		U191	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U192.0		U192	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U193.0		U193	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U194.0		U194	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U195.0		U195	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U196.0		U196	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U197.0		U197	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U198.0		U198	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U199.0		U199	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U200.0		U200	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U201.0		U201	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U202.0		U202	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U203.0		U203	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U204.0		U204	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U205.0		U205	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	1
U206.0		U206	U111-3.3-3.3-3.3	U111-3.3-3.3-3.3	

