

U\_POWER  
POWER.SchDoc

U\_CLOCK\_GENERATOR  
CLOCK\_GENERATOR.SchDocU\_CONNECTIONS  
CONNECTIONS.SchDoc


U\_FPGA  
FPGA.SchDoc

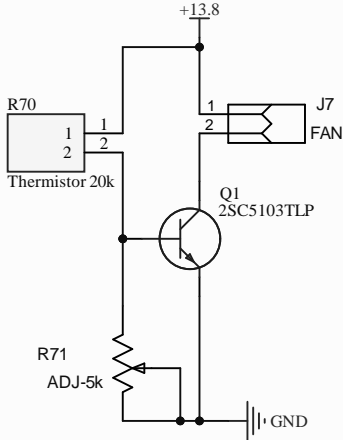
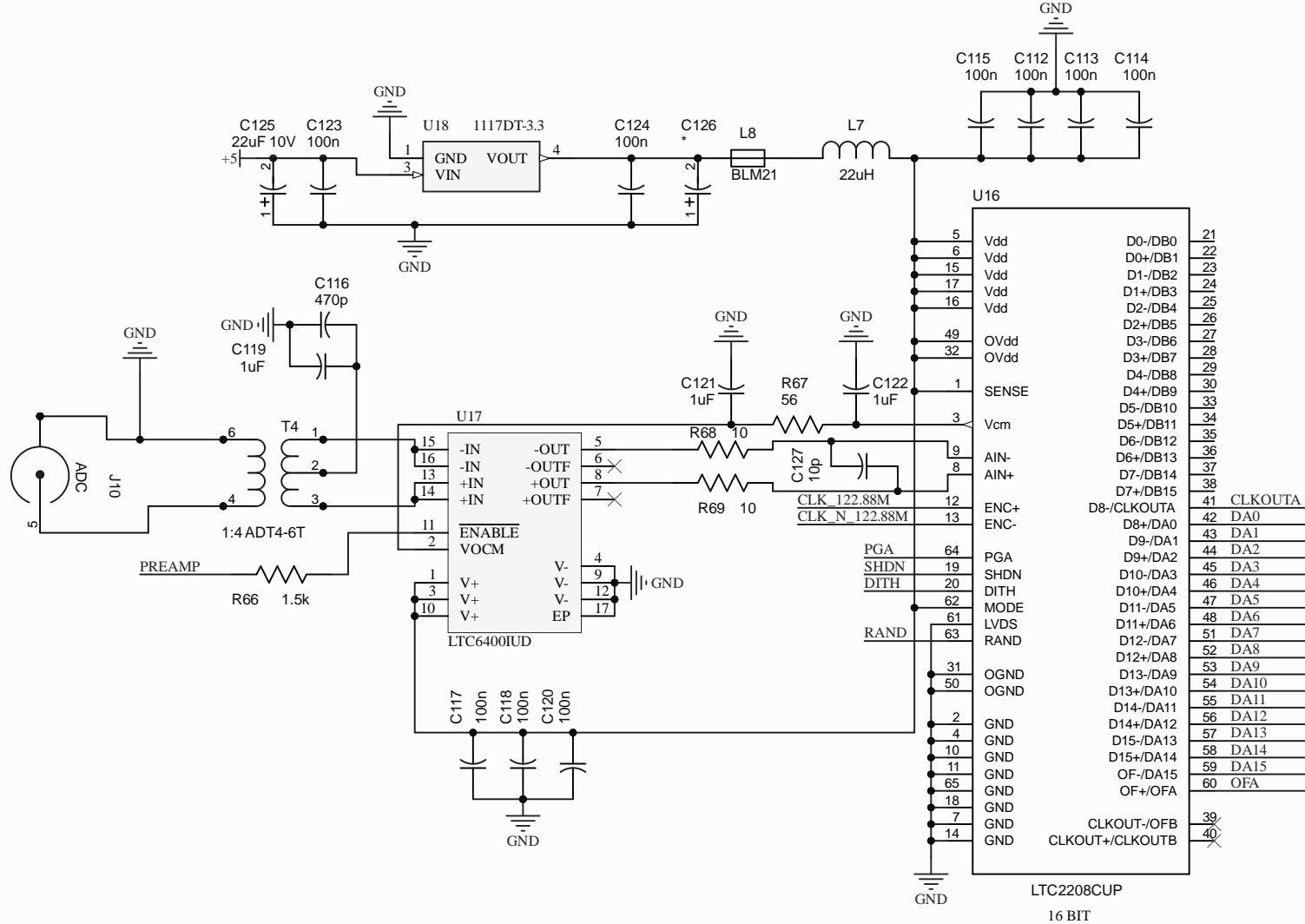
U\_STM32  
STM32.SchDoc

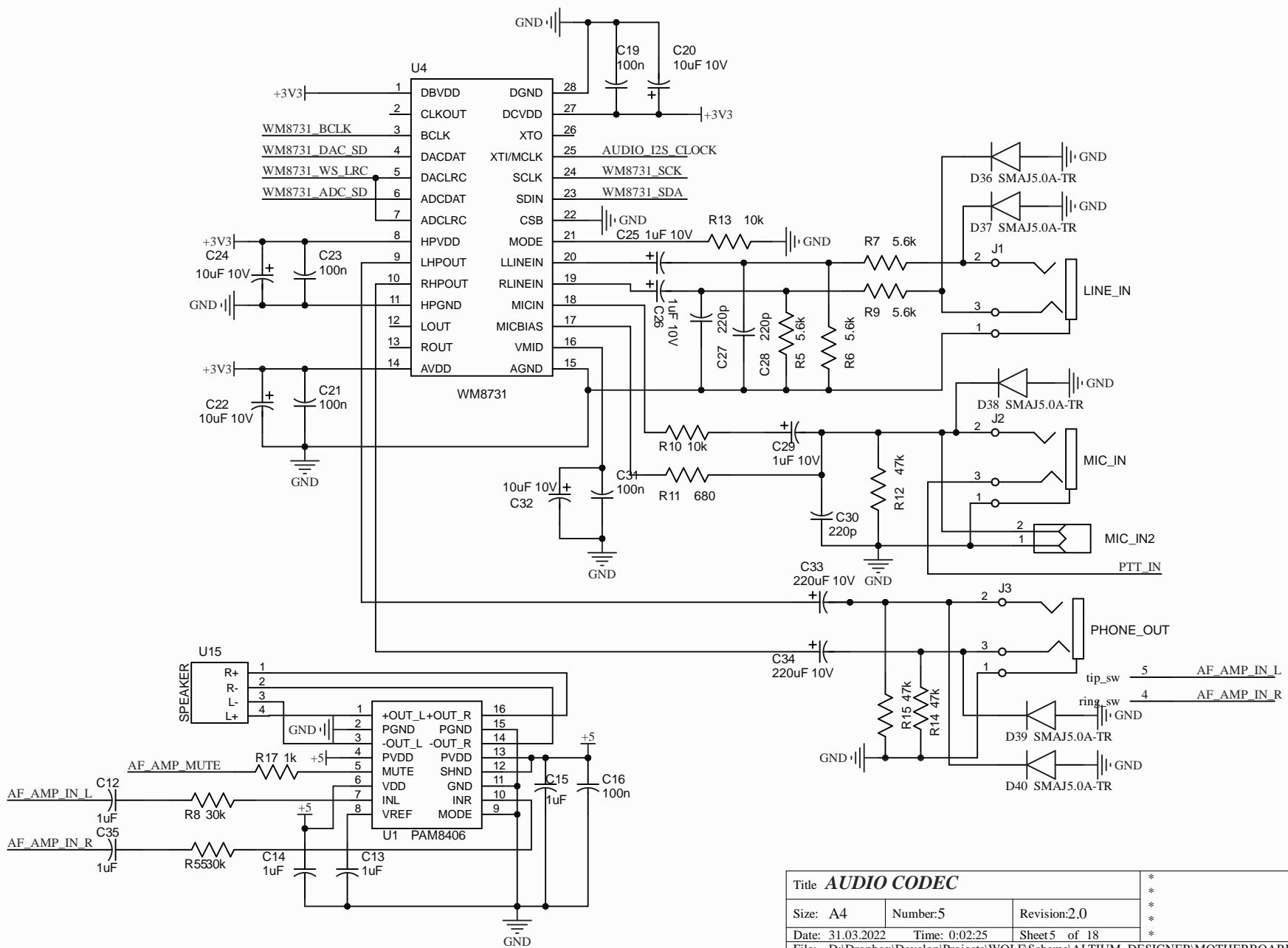
U\_AUDIO CODEC  
AUDIO CODEC.SchDoc

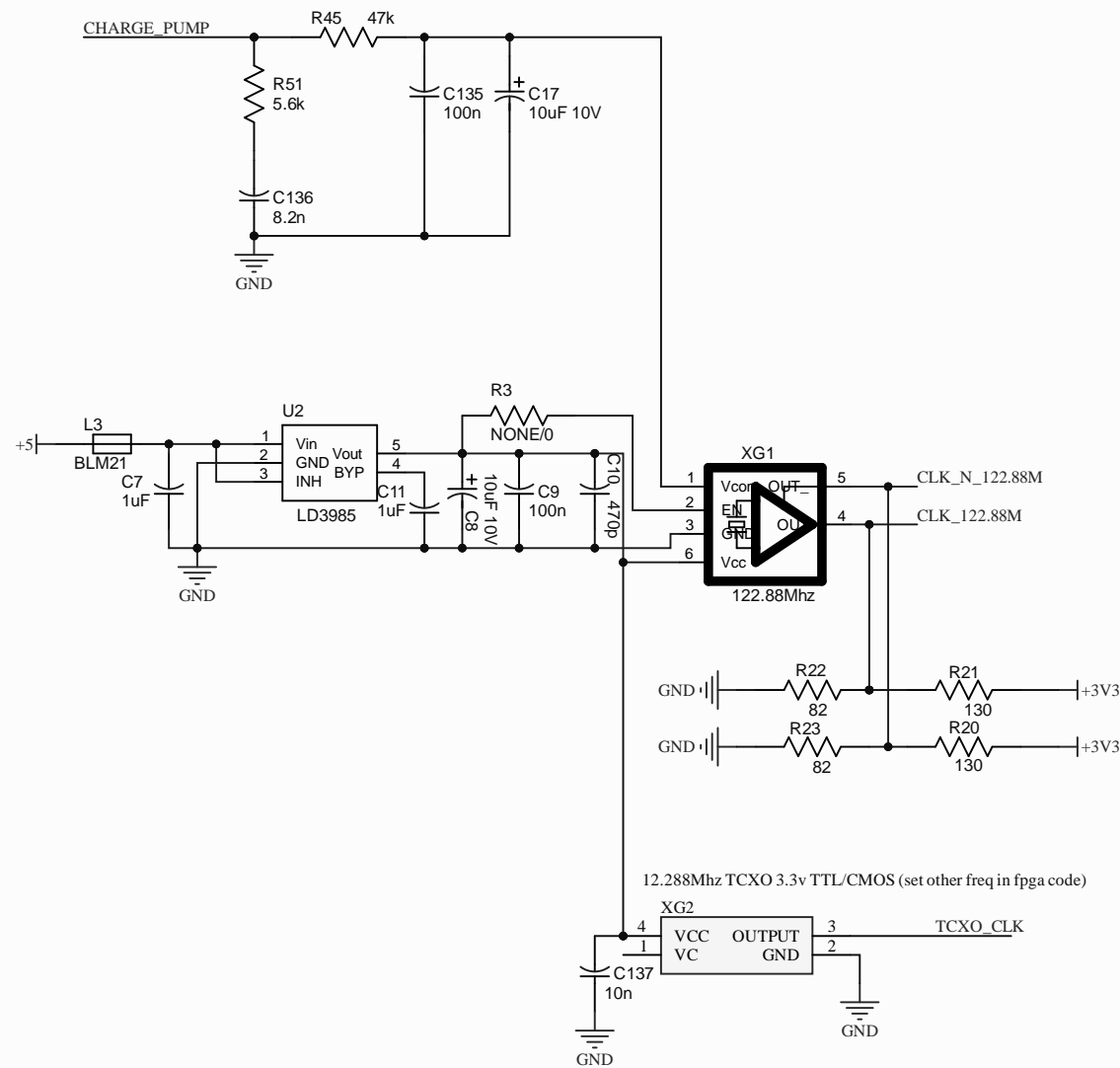
U\_DAC  
DAC.SchDoc

U\_ADC  
ADC.SchDoc

Title <b>MOTHERBOARD</b>			* * * * *	
Size: A4	Number:2	Revision:2.0		
Date: 31.03.2022	Time: 0:02:24	Sheet2 of 18		
File: D:\Dropbox\Develop\Projects\WOLF\Scheme\ALTUM_DESIGNER\MOTHERBOARD\MOTHERBOARD.SCHDOC				







Title **CLOCK\_GENERATOR**

Size: A4

Number:6

Revision:2.0

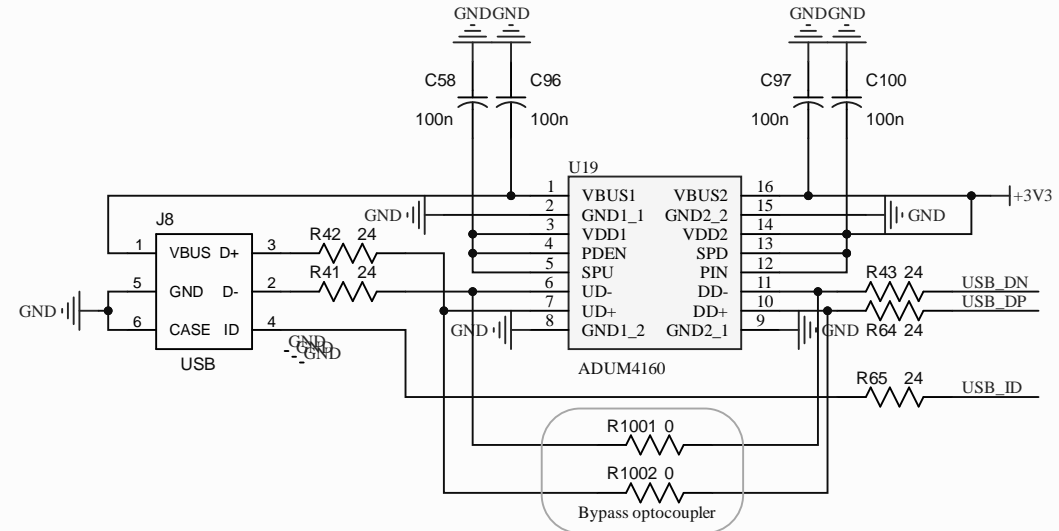
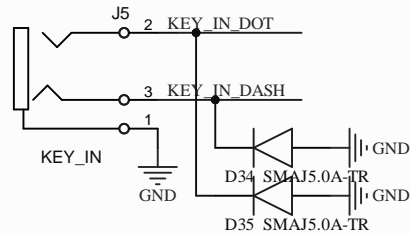
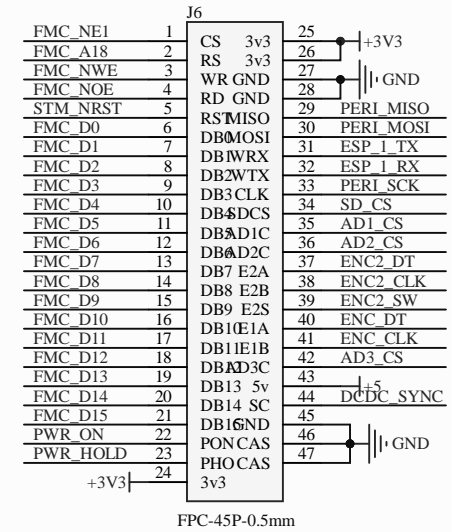
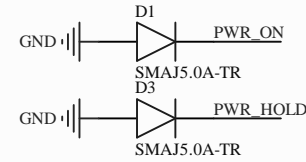
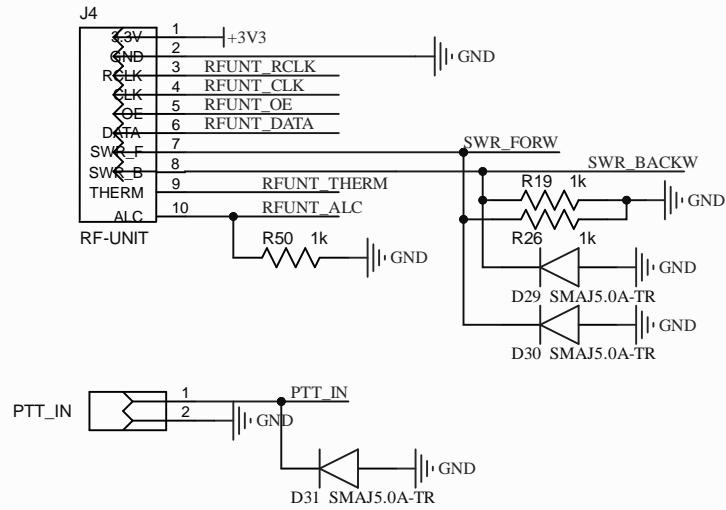
Date: 31.03.2022

Time: 0:02:25

Sheet 6 of 18

File: D:\Dropbox\Develop\Projects\WOLF\Scheme\ALTUM\_DESIGNER\MOTHERBOARD\CLOCK\_GENERATOR.SchDoc



Title **CONNECTIONS**

Size: A4

Number:7

Revision:2.0

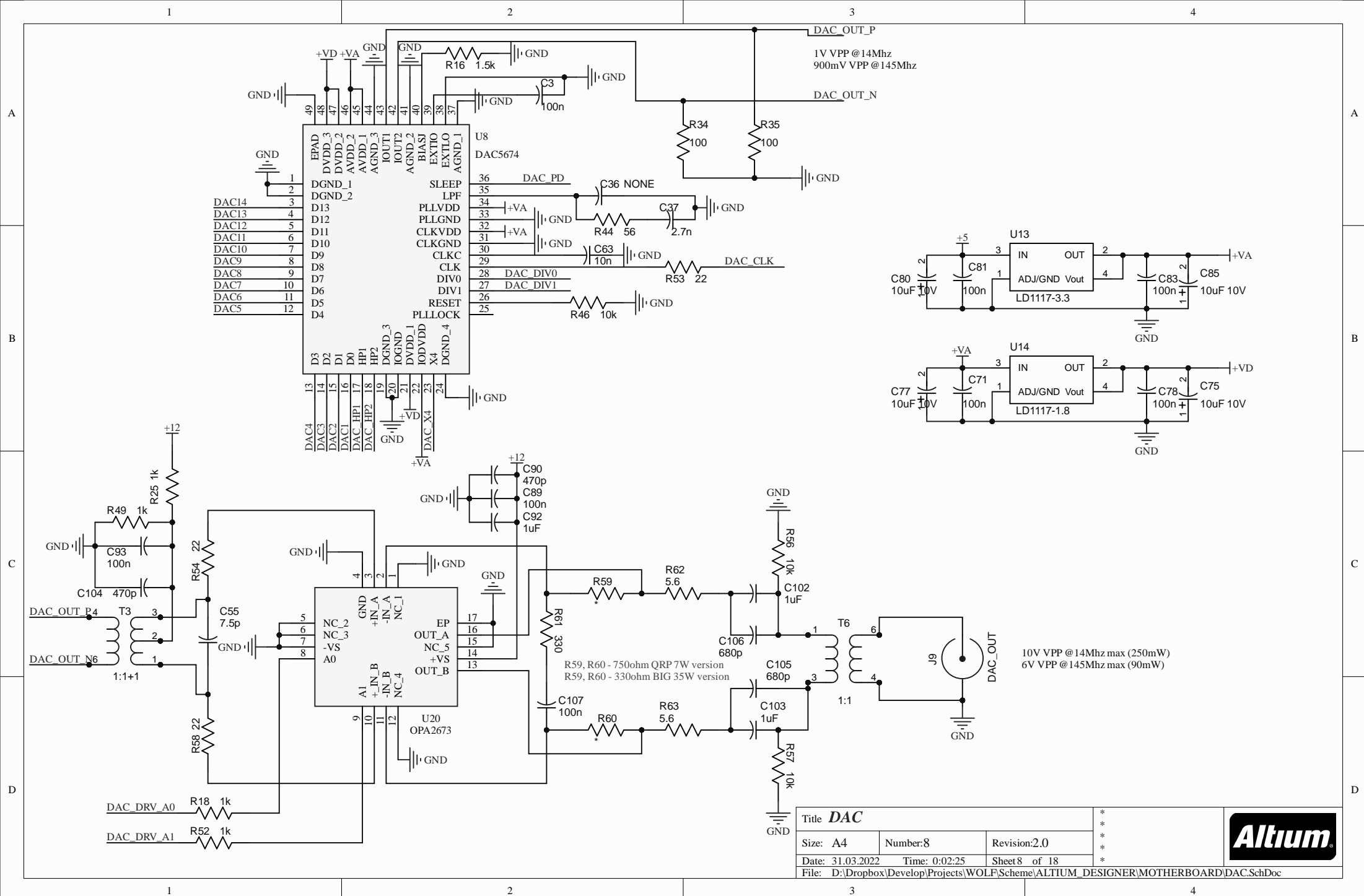
Date: 31.03.2022

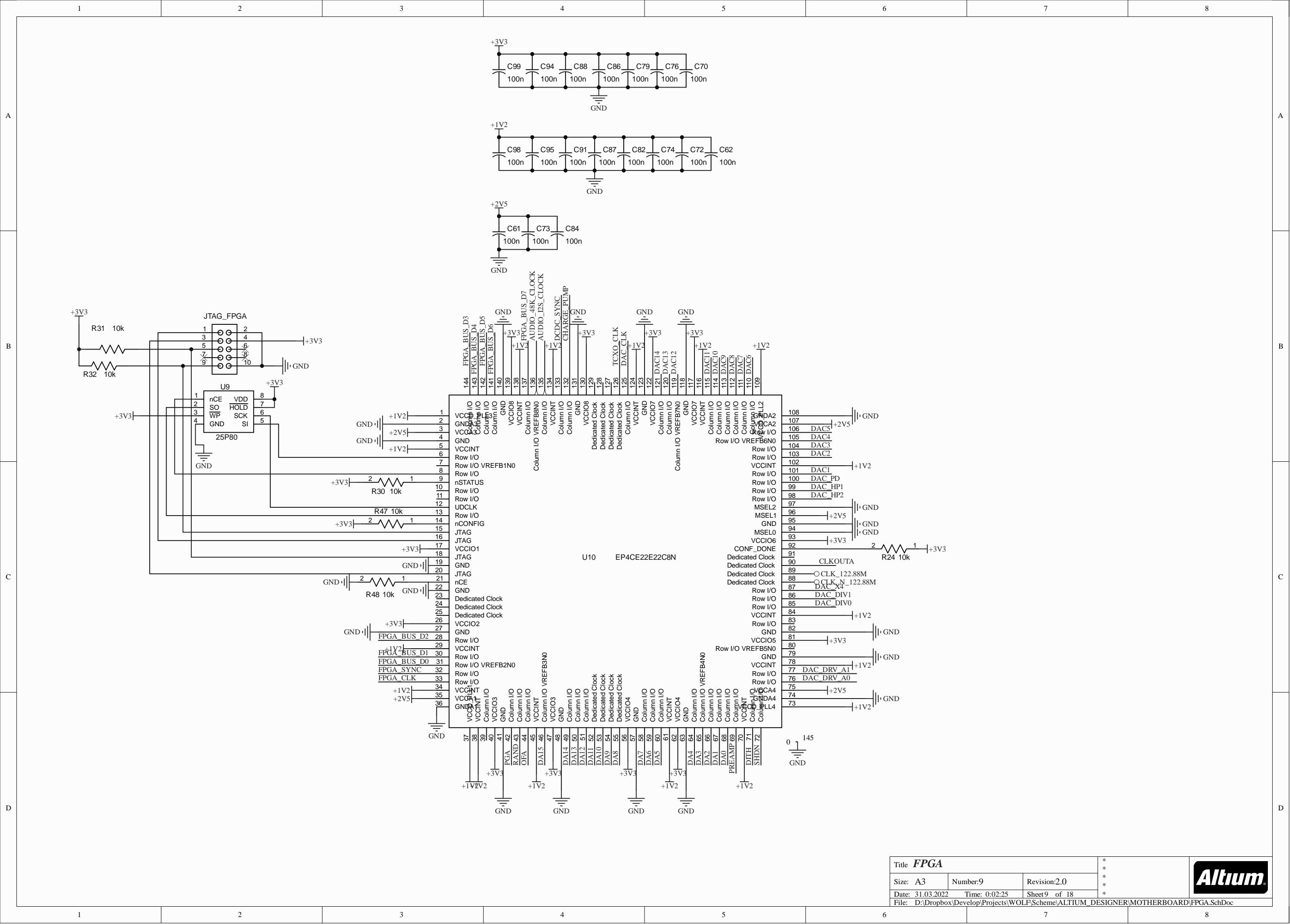
Time: 0:02:25

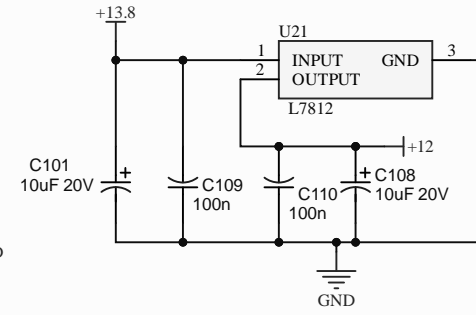
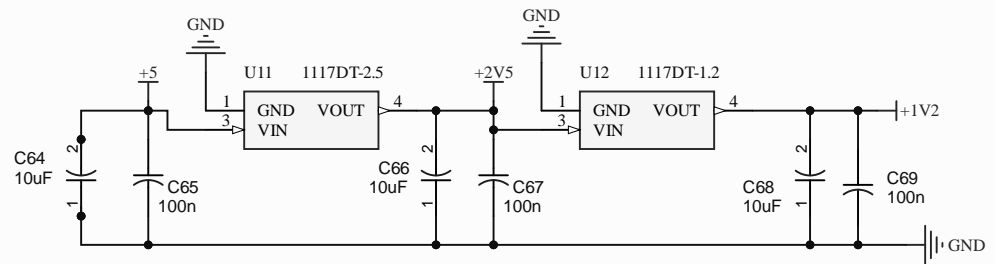
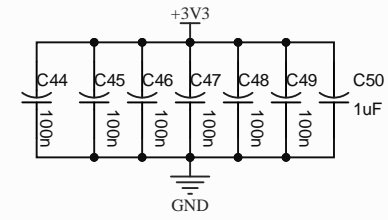
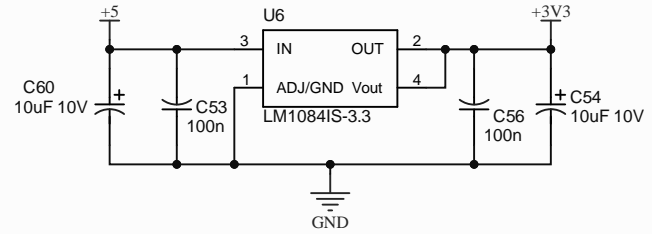
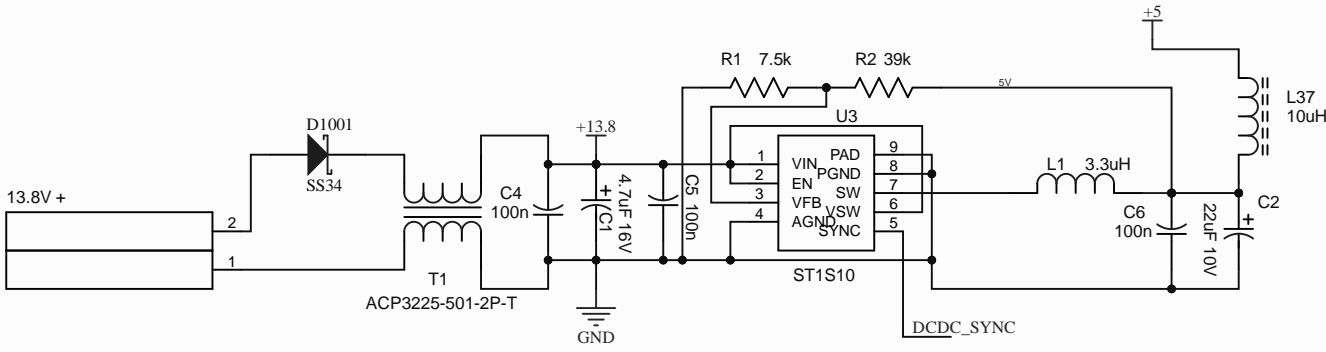
Sheet 7 of 18

File: D:\Dropbox\Develop\Projects\WOLF\Scheme\ALTUM\_DESIGNER\MOTHERBOARD\CONNECTIONS.SchDoc

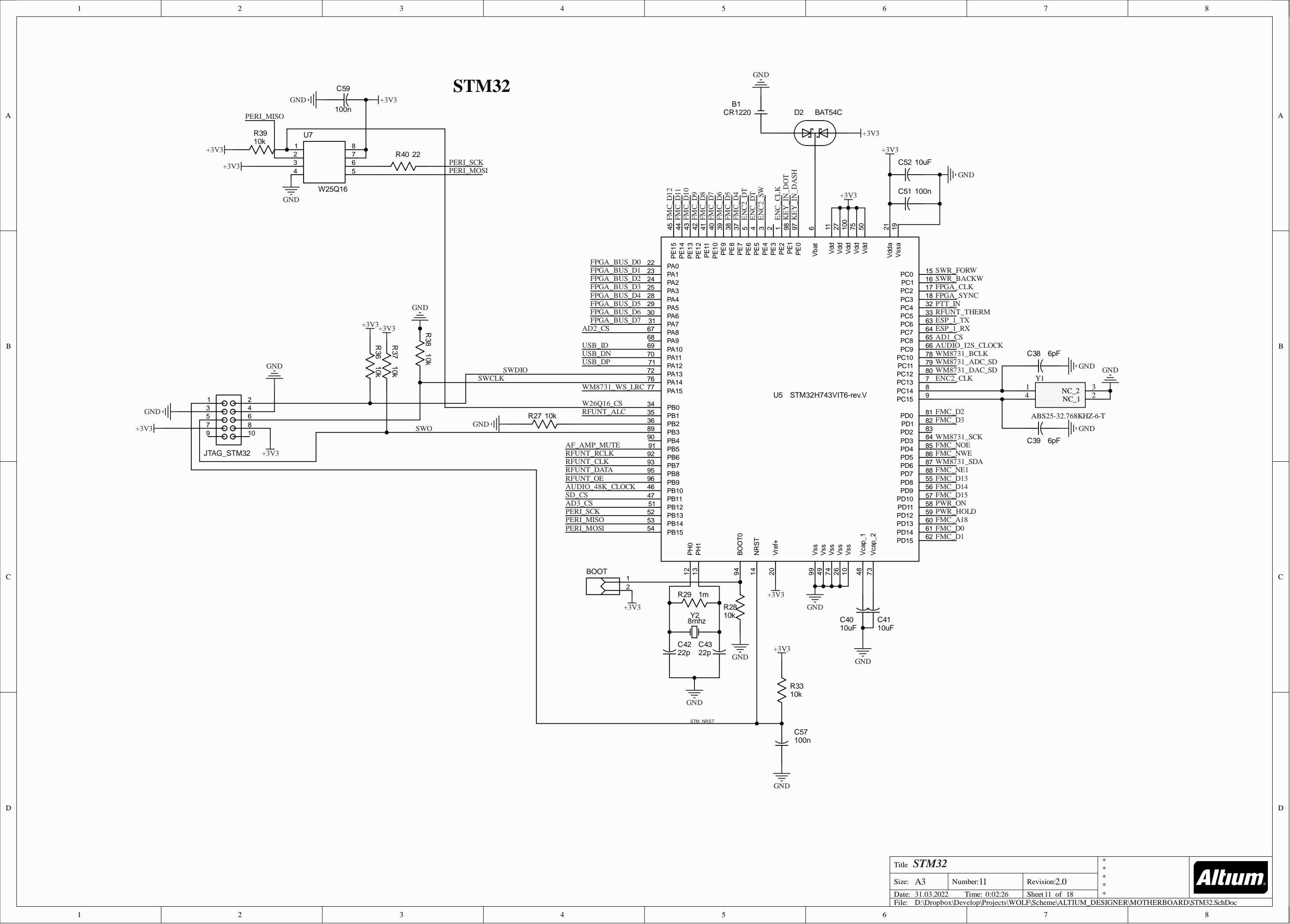












Component	Description	Designator	Designator	Label	Quantity	Doc Part #
IC1	MC145585A/F.A.	U13	IC2	MC145585A	1	
IC3	74VHC04	U10	IC4	74VHC04	1	
IC5	74VHC04	U11	IC6	74VHC04	1	
IC7	74VHC04	U12	IC8	74VHC04	1	
IC9	74VHC04	U14	IC10	74VHC04	1	
IC11	74VHC04	U15	IC12	74VHC04	1	
IC13	74VHC04	U16	IC14	74VHC04	1	
IC15	74VHC04	U17	IC16	74VHC04	1	
IC17	74VHC04	U18	IC18	74VHC04	1	
IC19	74VHC04	U19	IC20	74VHC04	1	
IC21	74VHC04	U20	IC22	74VHC04	1	
IC23	74VHC04	U21	IC24	74VHC04	1	
IC25	74VHC04	U22	IC26	74VHC04	1	
IC27	74VHC04	U23	IC28	74VHC04	1	
IC29	74VHC04	U24	IC30	74VHC04	1	
IC31	74VHC04	U25	IC32	74VHC04	1	
IC33	74VHC04	U26	IC34	74VHC04	1	
IC35	74VHC04	U27	IC36	74VHC04	1	
IC37	74VHC04	U28	IC38	74VHC04	1	
IC39	74VHC04	U29	IC40	74VHC04	1	
IC41	74VHC04	U30	IC42	74VHC04	1	
IC43	74VHC04	U31	IC44	74VHC04	1	
IC45	74VHC04	U32	IC46	74VHC04	1	
IC47	74VHC04	U33	IC48	74VHC04	1	
IC49	74VHC04	U34	IC50	74VHC04	1	
IC51	74VHC04	U35	IC52	74VHC04	1	
IC53	74VHC04	U36	IC54	74VHC04	1	
IC55	74VHC04	U37	IC56	74VHC04	1	
IC57	74VHC04	U38	IC58	74VHC04	1	
IC59	74VHC04	U39	IC60	74VHC04	1	
IC61	74VHC04	U40	IC62	74VHC04	1	
IC63	74VHC04	U41	IC64	74VHC04	1	
IC65	74VHC04	U42	IC66	74VHC04	1	
IC67	74VHC04	U43	IC68	74VHC04	1	
IC69	74VHC04	U44	IC70	74VHC04	1	
IC71	74VHC04	U45	IC72	74VHC04	1	
IC73	74VHC04	U46	IC74	74VHC04	1	
IC75	74VHC04	U47	IC76	74VHC04	1	
IC77	74VHC04	U48	IC78	74VHC04	1	
IC79	74VHC04	U49	IC80	74VHC04	1	
IC81	74VHC04	U50	IC82	74VHC04	1	
IC83	74VHC04	U51	IC84	74VHC04	1	
IC85	74VHC04	U52	IC86	74VHC04	1	
IC87	74VHC04	U53	IC88	74VHC04	1	
IC89	74VHC04	U54	IC90	74VHC04	1	
IC91	74VHC04	U55	IC92	74VHC04	1	
IC93	74VHC04	U56	IC94	74VHC04	1	
IC95	74VHC04	U57	IC96	74VHC04	1	
IC97	74VHC04	U58	IC98	74VHC04	1	
IC99	74VHC04	U59	IC100	74VHC04	1	
IC101	74VHC04	U60	IC102	74VHC04	1	
IC103	74VHC04	U61	IC104	74VHC04	1	
IC105	74VHC04	U62	IC106	74VHC04	1	
IC107	74VHC04	U63	IC108	74VHC04	1	
IC109	74VHC04	U64	IC110	74VHC04	1	
IC111	74VHC04	U65	IC112	74VHC04	1	
IC113	74VHC04	U66	IC114	74VHC04	1	
IC115	74VHC04	U67	IC116	74VHC04	1	
IC117	74VHC04	U68	IC118	74VHC04	1	
IC119	74VHC04	U69	IC120	74VHC04	1	
IC121	74VHC04	U70	IC122	74VHC04	1	
IC123	74VHC04	U71	IC124	74VHC04	1	
IC125	74VHC04	U72	IC126	74VHC04	1	
IC127	74VHC04	U73	IC128	74VHC04	1	
IC129	74VHC04	U74	IC130	74VHC04	1	
IC131	74VHC04	U75	IC132	74VHC04	1	
IC133	74VHC04	U76	IC134	74VHC04	1	
IC135	74VHC04	U77	IC136	74VHC04	1	
IC137	74VHC04	U78	IC138	74VHC04	1	
IC139	74VHC04	U79	IC140	74VHC04	1	
IC141	74VHC04	U80	IC142	74VHC04	1	
IC143	74VHC04	U81	IC144	74VHC04	1	
IC145	74VHC04	U82	IC146	74VHC04	1	
IC147	74VHC04	U83	IC148	74VHC04	1	
IC149	74VHC04	U84	IC150	74VHC04	1	
IC151	74VHC04	U85	IC152	74VHC04	1	
IC153	74VHC04	U86	IC154	74VHC04	1	
IC155	74VHC04	U87	IC156	74VHC04	1	
IC157	74VHC04	U88	IC158	74VHC04	1	
IC159	74VHC04	U89	IC160	74VHC04	1	
IC161	74VHC04	U90	IC162	74VHC04	1	
IC163	74VHC04	U91	IC164	74VHC04	1	
IC165	74VHC04	U92	IC166	74VHC04	1	
IC167	74VHC04	U93	IC168	74VHC04	1	
IC169	74VHC04	U94	IC170	74VHC04	1	
IC171	74VHC04	U95	IC172	74VHC04	1	
IC173	74VHC04	U96	IC174	74VHC04	1	
IC175	74VHC04	U97	IC176	74VHC04	1	
IC177	74VHC04	U98	IC178	74VHC04	1	
IC179	74VHC04	U99	IC180	74VHC04	1	
IC181	74VHC04	U100	IC182	74VHC04	1	
IC183	74VHC04	U101	IC184	74VHC04	1	
IC185	74VHC04	U102	IC186	74VHC04	1	
IC187	74VHC04	U103	IC188	74VHC04	1	
IC189	74VHC04	U104	IC190	74VHC04	1	
IC191	74VHC04	U105	IC192	74VHC04	1	
IC193	74VHC04	U106	IC194	74VHC04	1	
IC195	74VHC04	U107	IC196	74VHC04	1	
IC197	74VHC04	U108	IC198	74VHC04	1	
IC199	74VHC04	U109	IC200	74VHC04	1	
IC201	74VHC04	U110	IC202	74VHC04	1	
IC203	74VHC04	U111	IC204	74VHC04	1	
IC205	74VHC04	U112	IC206	74VHC04	1	
IC207	74VHC04	U113	IC208	74VHC04	1	
IC209	74VHC04	U114	IC210	74VHC04	1	
IC211	74VHC04	U115	IC212	74VHC04	1	
IC213	74VHC04	U116	IC214	74VHC04	1	
IC215	74VHC04	U117	IC216	74VHC04	1	
IC217	74VHC04	U118	IC218	74VHC04	1	
IC219	74VHC04	U119	IC220	74VHC04	1	
IC221	74VHC04	U120	IC222	74VHC04	1	
IC223	74VHC04	U121	IC224	74VHC04	1	
IC225	74VHC04	U122	IC226	74VHC04	1	
IC227	74VHC04	U123	IC228	74VHC04	1	
IC229	74VHC04	U124	IC230	74VHC04	1	
IC231	74VHC04	U125	IC232	74VHC04	1	
IC233	74VHC04	U126	IC234	74VHC04	1	
IC235	74VHC04	U127	IC236	74VHC04	1	
IC237	74VHC04	U128	IC238	74VHC04	1	
IC239	74VHC04	U129	IC240	74VHC04	1	
IC241	74VHC04	U130	IC242	74VHC04	1	
IC243	74VHC04	U131	IC244	74VHC04	1	
IC245	74VHC04	U132	IC246	74VHC04	1	
IC247	74VHC04	U133	IC248	74VHC04	1	
IC249	74VHC04	U134	IC250	74VHC04	1	
IC251	74VHC04	U135	IC252	74VHC04	1	
IC253	74VHC04	U136	IC254	74VHC04	1	
IC255	74VHC04	U137	IC256	74VHC04	1	
IC257	74VHC04	U138	IC258	74VHC04	1	
IC259	74VHC04	U139	IC260	74VHC04	1	
IC261	74VHC04	U140	IC262	74VHC04	1	
IC263	74VHC04	U141	IC264	74VHC04	1	
IC265	74VHC04	U142	IC266	74VHC04	1	
IC267	74VHC04	U143	IC268	74VHC04	1	
IC269	74VHC04	U144	IC270	74VHC04	1	
IC271	74VHC04	U145	IC272	74VHC04	1	
IC273	74VHC04	U146	IC274	74VHC04	1	
IC275	74VHC04	U147	IC276	74VHC04	1	
IC277	74VHC04	U148	IC278	74VHC04	1	
IC279	74VHC04	U149	IC280	74VHC04	1	
IC281	74VHC04	U150	IC282	74VHC04	1	
IC283	74VHC04	U151	IC284	74VHC04	1	
IC285	74VHC04	U152	IC286	74VHC04	1	
IC287	74VHC04	U153	IC288	74VHC04	1	
IC289	74VHC04	U154	IC290	74VHC04	1	
IC291	74VHC04	U155	IC292	74VHC04	1	
IC293	74VHC04	U156	IC294	74VHC04	1	
IC295	74VHC04	U157	IC296	74VHC04	1	
IC297	74VHC04	U158	IC298	74VHC04	1	
IC299	74VHC04	U159	IC300	74VHC04	1	
IC301	74VHC04	U160	IC302	74VHC04	1	
IC303	74VHC04	U161	IC304	74VHC04	1	
IC305	74VHC04	U162	IC306	74VHC04	1	
IC307	74VHC04	U163	IC308	74VHC04	1	
IC309	74VHC04	U164	IC310	74VHC04	1	
IC311	74VHC04	U165	IC312	74VHC04	1	
IC313	74VHC04	U166	IC314	74VHC04	1	
IC315	74VHC04	U167	IC316	74VHC04	1	
IC317	74VHC04	U168	IC318	74VHC04	1	
IC319	74VHC04	U169	IC320	74VHC04	1	
IC321	74VHC04	U170	IC322	74VHC04	1	
IC323	74VHC04	U171	IC324	74VHC04	1	
IC325	74VHC04	U172	IC326	74VHC04	1	
IC327	74VHC04	U173	IC328	74VHC04	1	
IC329	74VHC04	U174	IC330	74VHC04	1	
IC331	74VHC04	U175	IC332	74VHC04	1	
IC333	74VHC04	U176	IC334	74VHC04	1	
IC335	74VHC04	U177	IC336	74VHC04	1	
IC337	74VHC04	U178	IC338	74VHC04	1	
IC339	74VHC04	U179	IC340	74VHC04	1	
IC341	74VHC04	U180	IC342	74VHC04	1	
IC343	74VHC04	U181	IC344	74VHC04	1	
IC345	74VHC04	U182	IC346	74VHC04	1	
IC347	74VHC04	U183	IC348	74VHC04	1	
IC349	74VHC04	U184	IC350	74VHC04	1	
IC351	74VHC04	U185	IC352	74VHC04	1	
IC353	74VHC04	U186	IC354	74VHC04	1	
IC355	74VHC04	U187	IC356	74VHC04	1	
IC357	74VHC04	U188	IC358	74VHC04	1	
IC359	74VHC04	U189	IC360	74VHC04	1	
IC361	74VHC04	U190	IC362	74VHC04	1	
IC363	74VHC04	U191	IC364	74VHC04	1	
IC365	74VHC04	U192	IC366	74VHC04	1	
IC367	74VHC04	U193	IC368	74VHC04	1	
IC369	74VHC04	U194	IC370	74VHC04	1	
IC371	74VHC04	U195	IC372	74VHC04	1	
IC373	74VHC04	U196	IC374	74VHC04	1	
IC375	74VHC04	U197	IC376	74VHC04	1	
IC377	74VHC04	U198	IC378	74VHC04	1	
IC379	74VHC04	U199	IC380	74VHC04	1	
IC381	74VHC04	U200	IC382	74VHC04	1	
IC383	74VHC04	U201	IC384	74VHC04	1	
IC385	74VHC04	U202	IC386	74VHC04	1	
IC387	74VHC04	U203	IC388	74VHC04	1	
IC389	74VHC04	U204	IC390	74VHC04	1	
IC391	74VHC04	U205	IC392	74VHC04	1	
IC393	74VHC04	U206	IC394	74VHC04	1	
IC395	74VHC04	U207	IC396	74VHC04	1	
IC397	74VHC04	U208	IC398	74VHC04		