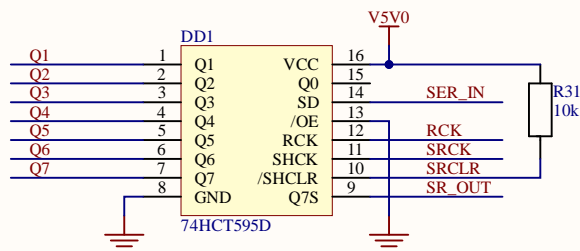
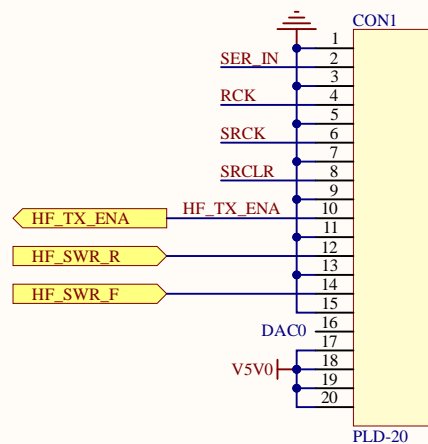
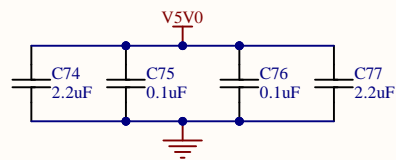
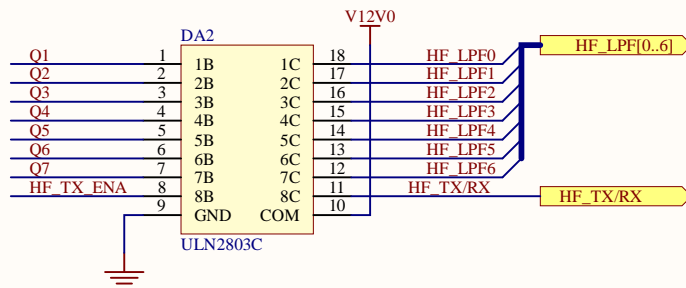
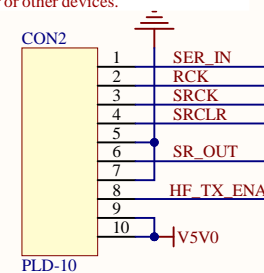


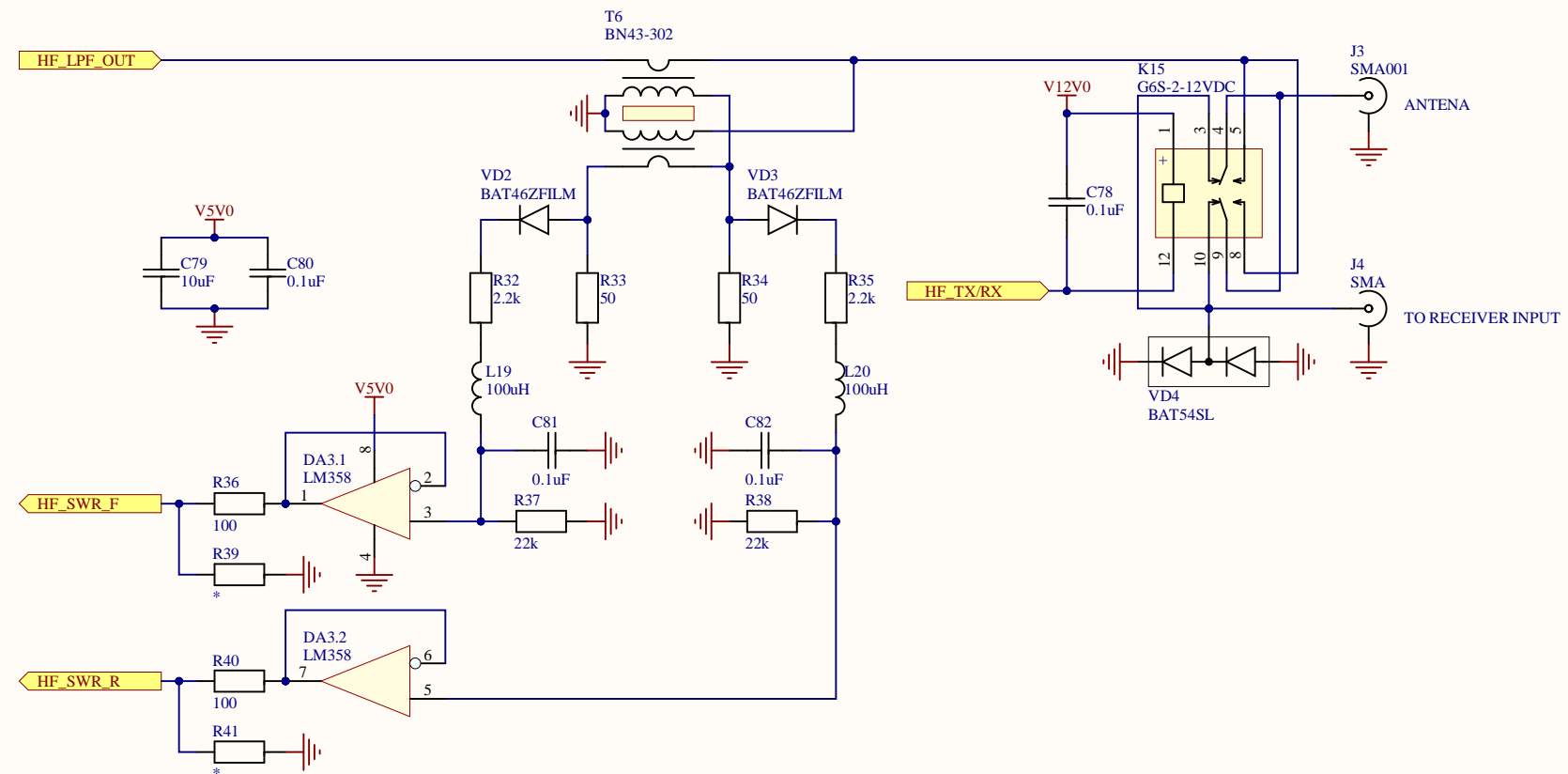
Title		
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File:	D:\SDRProject\.\main.SchDoc	Drawn By:



The shift register (74HCT595) output that can be used to control an antenna tuner or other devices.



Title		
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File:	D:\SDRProject\...\control-interface.SchDoc Drawn By:	



Title		
Size	Number	Revision
A4		
Date:	11.19.2022	Sheet of
File:	D:\SDRProject\.\swr-antenna.SchDoc	Drawn By:

Component	Description	Designator	Package	Ref'd	Quantity
0.1uf	Capacitor 2kV 25mm	C1, C2, C3, C4, C13, C14, C15, C16, C26, C27, C28, C29, C38, C46, C48, C49, C49, C49, C50, C52, C53, C57, C58, C59, C60, C61, C62, C63, C64, C66, C67, C68, C69, C71, C72, C73, C76, C78, C79, C85, C87, C89	CAP2013X100N	Cap8005	44
1271	Capacitor 3.2x1.6mm	C5, C11	GAMP3216K1Z25N	Cap1206	2
1100	Capacitor 3.2x1.6mm	C6	GAMP3216K1Z25N	Cap1206	1
1278	Capacitor 3.2x1.6mm	C7	GAMP3216K1Z25N	Cap1206	1
1718	Capacitor 3.2x1.6mm	C8, C12	GAMP3216K1Z25N	Cap1206	2
220	Capacitor 3.2x1.6mm	C9	GAMP3216K1Z25N	Cap1206	1
94.6	Capacitor 3.2x1.6mm	C10	GAMP3216K1Z25N	Cap1206	1
766.7	Capacitor 3.2x1.6mm	C17, C23	GAMP3216K1Z25N	Cap1206	2
1000	Capacitor 3.2x1.6mm	C18	GAMP3216K1Z25N	Cap1206	1
386	Capacitor 3.2x1.6mm	C19	GAMP3216K1Z25N	Cap1206	1
330	Capacitor 3.2x1.6mm	C20, C24	GAMP3216K1Z25N	Cap1206	2
100	Capacitor 3.2x1.6mm	C21	GAMP3216K1Z25N	Cap1206	1
8.5	Capacitor 3.2x1.6mm	C22	GAMP3216K1Z25N	Cap1206	1
44.0	Capacitor 3.2x1.6mm	C29, C35	GAMP3216K1Z25N	Cap1206	2
470	Capacitor 3.2x1.6mm	C30	GAMP3216K1Z25N	Cap1206	1
366.4	Capacitor 3.2x1.6mm	C31	GAMP3216K1Z25N	Cap1206	1
61.6k	Capacitor 3.2x1.6mm	C32, C36	GAMP3216K1Z25N	Cap1206	2
100	Capacitor 3.2x1.6mm	C33	GAMP3216K1Z25N	Cap1206	1
9.7	Capacitor 3.2x1.6mm	C34	GAMP3216K1Z25N	Cap1206	1
208	Capacitor 3.2x1.6mm	C39, C42	GAMP3216K1Z25N	Cap1206	2
330	Capacitor 3.2x1.6mm	C40, C43	GAMP3216K1Z25N	Cap1206	2
770	Capacitor 3.2x1.6mm	C41	GAMP3216K1Z25N	Cap1206	1
47uf	GRM031R70E10ME15J	C44	SMP3225G70N	Cap1210	1
0.1uf	MU110W104F10ME15J	C44, C54	GAMP3216K1Z25N	Cap1206	2
0.1uf	GRM031D70E10W04000 1n1812, XTR EDA, 1 n fuf (DO-35V), 1n1812, XTR EDA, 5 n fuf (DO-35V)	C51, C56	AGS-DS25G70N	Cap1812	2
100uf	ELEUF1E471	C55	GAMP3216K1Z25N	Cap1206	1
2.2uf	Capacitor 2kV 25mm	C74, C77	CAP2013X100N	Cap8005	2
0.1uf	Capacitor 2kV 25mm	C79	CAP2013X100N	Cap8005	1
AD-10	Adjustable and fixed low drop-out voltage regulator	C069	REG-20	CONVERTER-20	1
L111135TR	Inductor	D41	SMT230P100L10-4H	LI1111	1
UK-N2B09C	Overvoltage Transistor Array	B42	RXC12P100G24S-1BN	UK-N2B09A	1
UA35858	Single Supply Dual Operational Amplifier	D43	RXC12P100G17S-1AN	UA35858	1
74VC1T95D0	8-bit serial-in, serial-out parallel-output registered flip-flop with output tri-state	D01	SMT100T795D17S-1AN	74VC1T95D0	1
QMA	QMA1	J1, J2	SAAM001	RF Connector	2
QMA	QMA2	J3, J4	SAAM001	RF Connector	2
G65-2-L2VDC	Commut. Industry Transformer 2-pole ratio	G65-2	G65-2	G65-2-L2VDC	15
4.75uf	I50-2	I50-2	I50-2	inductor	2
250uf	I50-6	I50-6	I50-6	inductor	2
250uf	I50-6	I50-6	I50-6	inductor	2
100uf	I50-6	I50-6	I50-6	inductor	2
100uf	I50-6	I50-6	I50-6	inductor	2
954.99uf	I50-6	I50-6	I50-6	inductor	2
4.7uhf	Inductor, 4.7uH±10%, 10~5 Ohm, RA=0.05	V5, V18	Inductor radial	inductor	2
10uhf	SMD 0508-25 100uhf ±10% 25mA	H6	RE1201346N	inductor	1
3.3uhf	3.3uH±10%, non-saturated, agromex, 70mA, 0.15Ohm, RE1201346-3, 30KVA - K53	L17	RE12170-050020	inductor	1
100uhf	RL10MS-MN resonators	L19, L20	RE10116-050020	inductor	2
4.7nf	81, 82, R10, R16	R10, R16	RE1201346N	Re-reson	4
2.2nf	81, 84	R14	RE1201346N	Re-resonator	2
3.3nf	81, 85, R9, R14, R17, R18	R9, R14, R17, R18	RE1201346N	Re-reson	4
1.0nf	81, 87, R22	R22	RE1201346N	Re-reson	2
1.0nf	81, 87, R16	R16	RE1201346N	Re-reson	2
4.7nf	81, 81, R12	R12	RE1201346N	Re-reson	2
4.7nf	81, 8	R18	RE1201346N	Re-reson	2
2.2nf	82, 82, R39, R41	R39, R41	RE1201346N	Re-reson	4
1.0nf	83	R33	RE1201346N	Re-reson	2
1.0nf	84	R34	RE1201346N	Re-reson	2
0.125	850m 1.0m in parallel	S25	RE1201346N	Re-reson	1
0.125	850m 1.0m in parallel	S25, R30	RE1201346N	Re-reson	2
1.0nf	86	R27	RE1201346N	Re-reson	2
1.0nf	87	R29	RE1201346N	Re-reson	2
1.0nf	88	R31	RE1201346N	Re-reson	2
1.0nf	89	R32	RE1201346N	Re-reson	2
1.0nf	90	R33, R34	RE1201346N	Re-reson	2
1.0nf	91	R35	RE1201346N	Re-reson	2
1.0nf	92	R36	RE1201346N	Re-reson	2
1.0nf	93	R37	RE1201346N	Re-reson	2
1.0nf	94	R38	RE1201346N	Re-reson	2
1.0nf	95	R39	RE1201346N	Re-reson	2
1.0nf	96	R40	RE1201346N	Re-reson	2
1.0nf	97	R41	RE1201346N	Re-reson	2
1.0nf	98	R42	RE1201346N	Re-reson	2
1.0nf	99	R43	RE1201346N	Re-reson	2
1.0nf	100	R44	RE1201346N	Re-reson	2
1.0nf	101	R45	RE1201346N	Re-reson	2
1.0nf	102	R46	RE1201346N	Re-reson	2
1.0nf	103	R47	RE1201346N	Re-reson	2
1.0nf	104	R48	RE1201346N	Re-reson	2
1.0nf	105	R49	RE1201346N	Re-reson	2
1.0nf	106	R50	RE1201346N	Re-reson	2
1.0nf	107	R51	RE1201346N	Re-reson	2
1.0nf	108	R52	RE1201346N	Re-reson	2
1.0nf	109	R53	RE1201346N	Re-reson	2
1.0nf	110	R54	RE1201346N	Re-reson	2
1.0nf	111	R55	RE1201346N	Re-reson	2
1.0nf	112	R56	RE1201346N	Re-reson	2
1.0nf	113	R57	RE1201346N	Re-reson	2
1.0nf	114	R58	RE1201346N	Re-reson	2
1.0nf	115	R59	RE1201346N	Re-reson	2
1.0nf	116	R60	RE1201346N	Re-reson	2
1.0nf	117	R61	RE1201346N	Re-reson	2
1.0nf	118	R62	RE1201346N	Re-reson	2
1.0nf	119	R63	RE1201346N	Re-reson	2
1.0nf	120	R64	RE1201346N	Re-reson	2
1.0nf	121	R65	RE1201346N	Re-reson	2
1.0nf	122	R66	RE1201346N	Re-reson	2
1.0nf	123	R67	RE1201346N	Re-reson	2
1.0nf	124	R68	RE1201346N	Re-reson	2
1.0nf	125	R69	RE1201346N	Re-reson	2
1.0nf	126	R70	RE1201346N	Re-reson	2
1.0nf	127	R71	RE1201346N	Re-reson	2
1.0nf	128	R72	RE1201346N	Re-reson	2
1.0nf	129	R73	RE1201346N	Re-reson	2
1.0nf	130	R74	RE1201346N	Re-reson	2
1.0nf	131	R75	RE1201346N	Re-reson	2
1.0nf	132	R76	RE1201346N	Re-reson	2
1.0nf	133	R77	RE1201346N	Re-reson	2
1.0nf	134	R78	RE1201346N	Re-reson	2
1.0nf	135	R79	RE1201346N	Re-reson	2
1.0nf	136	R80	RE1201346N	Re-reson	2
1.0nf	137	R81	RE1201346N	Re-reson	2
1.0nf	138	R82	RE1201346N	Re-reson	2
1.0nf	139	R83	RE1201346N	Re-reson	2
1.0nf	140	R84	RE1201346N	Re-reson	2
1.0nf	141	R85	RE1201346N	Re-reson	2
1.0nf	142	R86	RE1201346N	Re-reson	2
1.0nf	143	R87	RE1201346N	Re-reson	2
1.0nf	144	R88	RE1201346N	Re-reson	2
1.0nf	145	R89	RE1201346N	Re-reson	2
1.0nf	146	R90	RE1201346N	Re-reson	2
1.0nf	147	R91	RE1201346N	Re-reson	2
1.0nf	148	R92	RE1201346N	Re-reson	2
1.0nf	149	R93	RE1201346N	Re-reson	2
1.0nf	150	R94	RE1201346N	Re-reson	2
1.0nf	151	R95	RE1201346N	Re-reson	2
1.0nf	152	R96	RE1201346N	Re-reson	2
1.0nf	153	R97	RE1201346N	Re-reson	2
1.0nf	154	R98	RE1201346N	Re-reson	2
1.0nf	155	R99	RE1201346N	Re-reson	2
1.0nf	156	R100	RE1201346N	Re-reson	2
1.0nf	157	R101	RE1201346N	Re-reson	2
1.0nf	158	R102	RE1201346N	Re-reson	2
1.0nf	159	R103	RE1201346N	Re-reson	2
1.0nf	160	R104	RE1201346N	Re-reson	2
1.0nf	161	R105	RE1201346N	Re-reson	2
1.0nf	162	R106	RE1201346N	Re-reson	2
1.0nf	163	R107	RE1201346N	Re-reson	2
1.0nf	164	R108	RE1201346N	Re-reson	2
1.0nf	165	R109	RE1201346N	Re-reson	2
1.0nf	166	R110	RE1201346N	Re-reson	2
1.0nf	167	R111	RE1201346N	Re-reson	2
1.0nf	168	R112	RE1201346N	Re-reson	2
1.0nf	169	R113	RE1201346N	Re-reson	2
1.0nf	170	R114	RE1201346N	Re-reson	2
1.0nf	171	R115	RE1201346N	Re-reson	2
1.0nf	172	R116	RE1201346N	Re-reson	2
1.0nf	173	R117	RE1201346N	Re-reson	2
1.0nf	174	R118	RE1201346N	Re-reson	2
1.0nf	175	R119	RE1201346N	Re-reson	2
1.0nf	176	R120	RE1201346N	Re-reson	2
1.0nf	177	R121	RE1201346N	Re-reson	2
1.0nf	178	R122	RE1201346N	Re-reson	2
1.0nf	179	R123	RE1201346N	Re-reson	2
1.0nf	180	R124	RE1201346N	Re-reson	2
1.0nf	181	R125	RE1201346N	Re-reson	2
1.0nf	182	R126	RE1201346N	Re-reson	2
1.0nf	183	R127	RE1201346N	Re-reson	2
1.0nf	184	R128	RE1201346N	Re-reson	2
1.0nf	185	R129	RE1201346N	Re-reson	2
1.0nf	186	R130	RE1201346N	Re-reson	2
1.0nf	187	R131	RE1201346N	Re-reson	2
1.0nf	188	R132	RE1201346N	Re-reson	2
1.0nf	189	R133	RE1201346N	Re-reson	2
1.0nf	190	R134	RE1201346N	Re-reson	2
1.0nf	191	R135	RE1201346N	Re-reson	2
1.0nf	192	R136	RE1201346N	Re-reson	2
1.0nf	193	R137	RE1201346N	Re-reson	2
1.0nf	194	R138	RE1201346N	Re-reson	2
1.0nf	195	R139	RE1201346N	Re-reson	2
1.0nf	196	R140	RE1201346N	Re-reson	2
1.0nf	197	R141	RE1201346N	Re-reson	2
1.0nf	198	R142	RE1201346N	Re-reson	2
1.0nf	199	R143	RE1201346N	Re-reson	2
1.0nf	200	R144	RE1201346N	Re-reson	2
1.0nf	201	R145	RE1201346N	Re-reson	2
1.0nf	202	R146	RE1201346N	Re-reson	2
1.0nf	203	R147	RE1201346N	Re-reson	2
1.0nf	204	R148	RE1201346N	Re-reson	2
1.0nf	205	R149	RE1201346N	Re-reson	2
1.0nf	206	R150	RE1201346N	Re-reson	2
1.0nf	207	R151	RE1201346N	Re-reson	2
1.0nf	208	R152	RE1201346N	Re-reson	2
1.0nf	209	R153	RE1201346N	Re-reson	2
1.0nf	210	R154	RE1201346N	Re-reson	2
1.0nf	211	R155	RE1201346N	Re-reson	2
1.0nf	212	R156	RE1201346N	Re-reson	2
1.0nf	213	R157	RE1201346N	Re-reson	2
1.0nf	214	R158	RE1201346N	Re-reson	2
1.0nf	215	R159	RE1201346N	Re-reson	2
1.0nf	216	R160	RE1201346N	Re-reson	2
1.0nf	217	R161	RE1201346N	Re-reson	2
1.0nf	218	R162	RE1201346N	Re-reson	2
1.0nf	219	R163	RE1201346N	Re-reson	2
1.0nf	220	R164	RE1201346N	Re-reson	2
1.0nf	221	R165	RE1201346N	Re-reson	2
1.0nf	222	R166	RE1201346N	Re-reson	2
1.0nf	223	R167	RE1201346N	Re-reson	2
1.0nf	224	R168	RE1201346N	Re-reson	2
1.0nf	225	R169	RE1201346N	Re-reson	2
1.0nf	226	R170	RE1201346N	Re-reson	2
1.0nf	227	R171	RE1201346N	Re-reson	2
1.0nf	228	R172	RE1201346N	Re-reson	2
1.0nf	229	R173	RE1201346N	Re-reson	2
1.0nf	230	R174	RE1201346N	Re-reson	2
1.0nf	231	R175	RE		