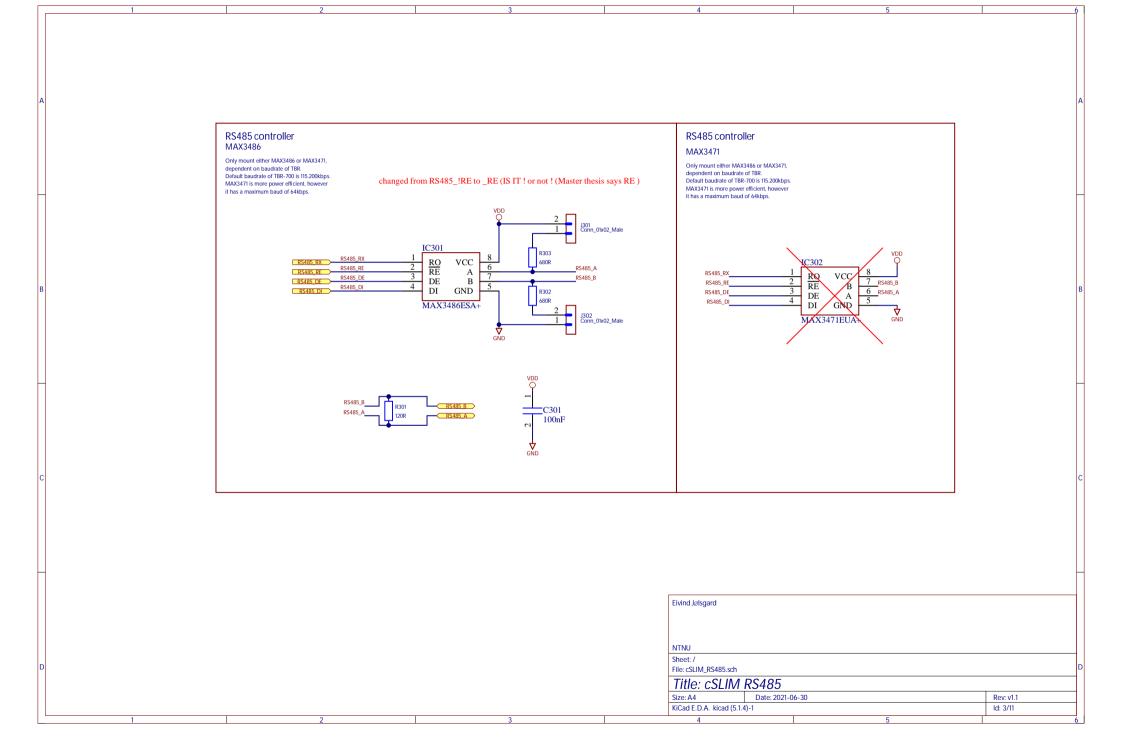
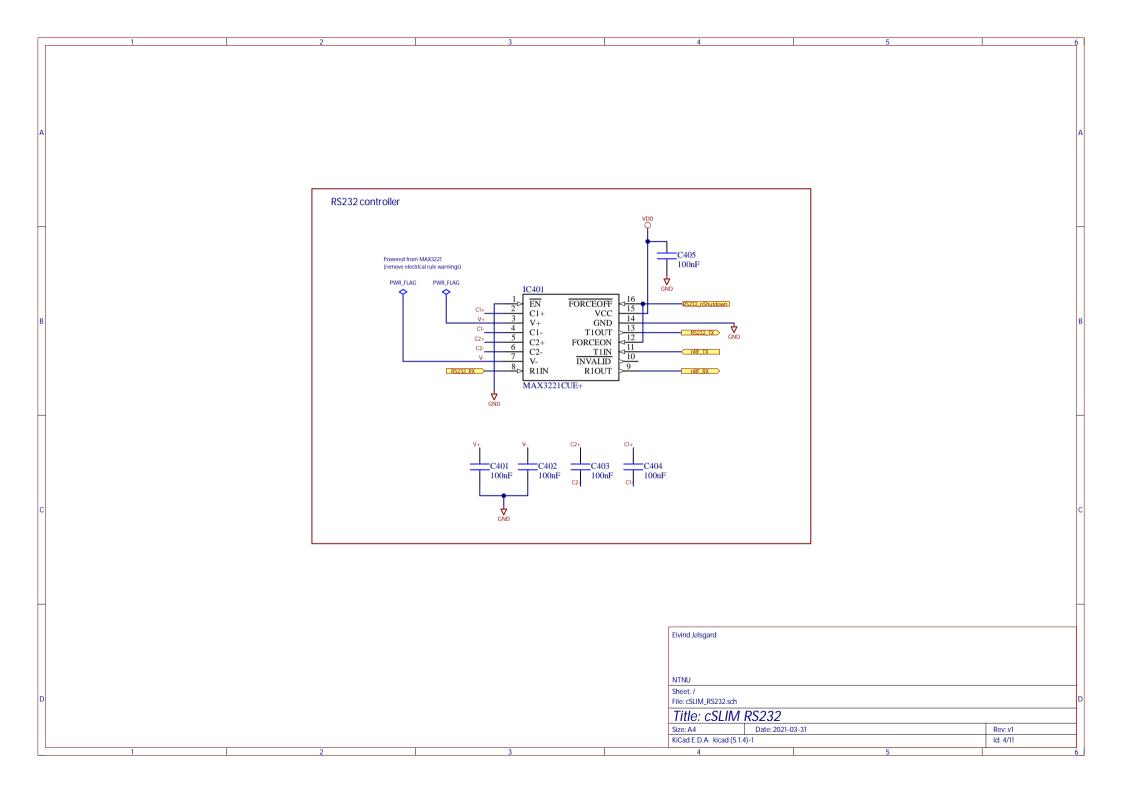


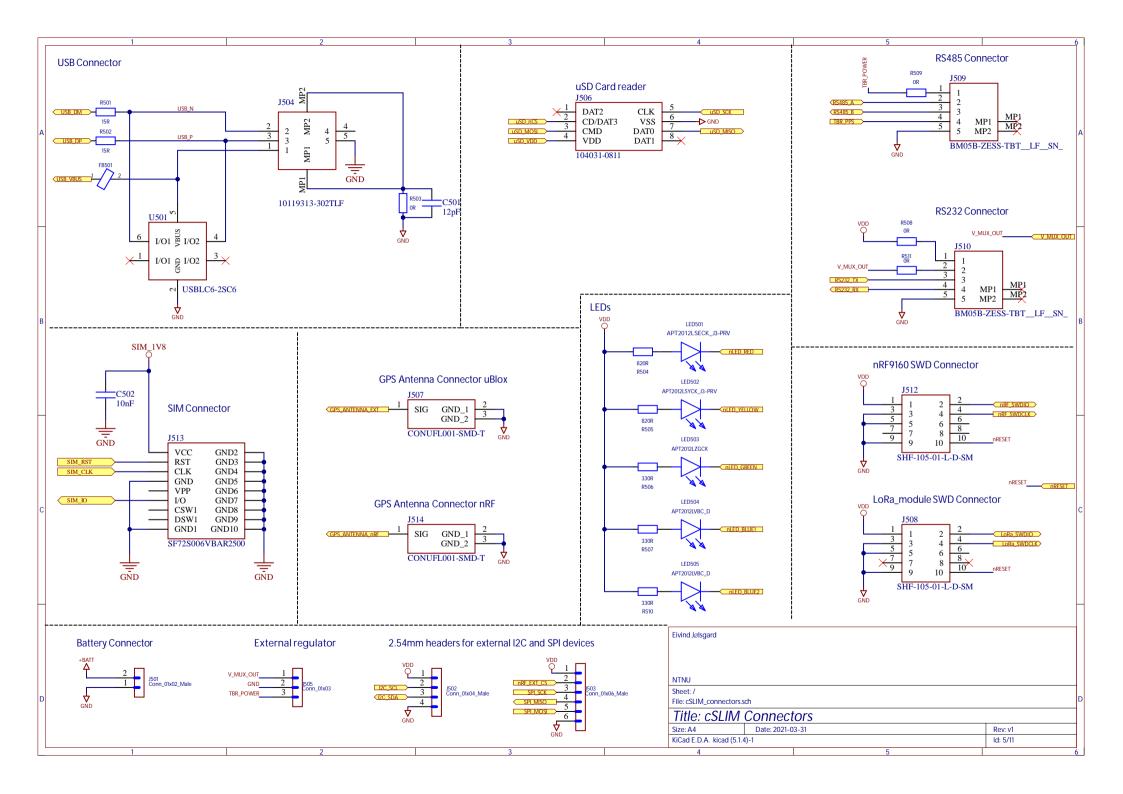
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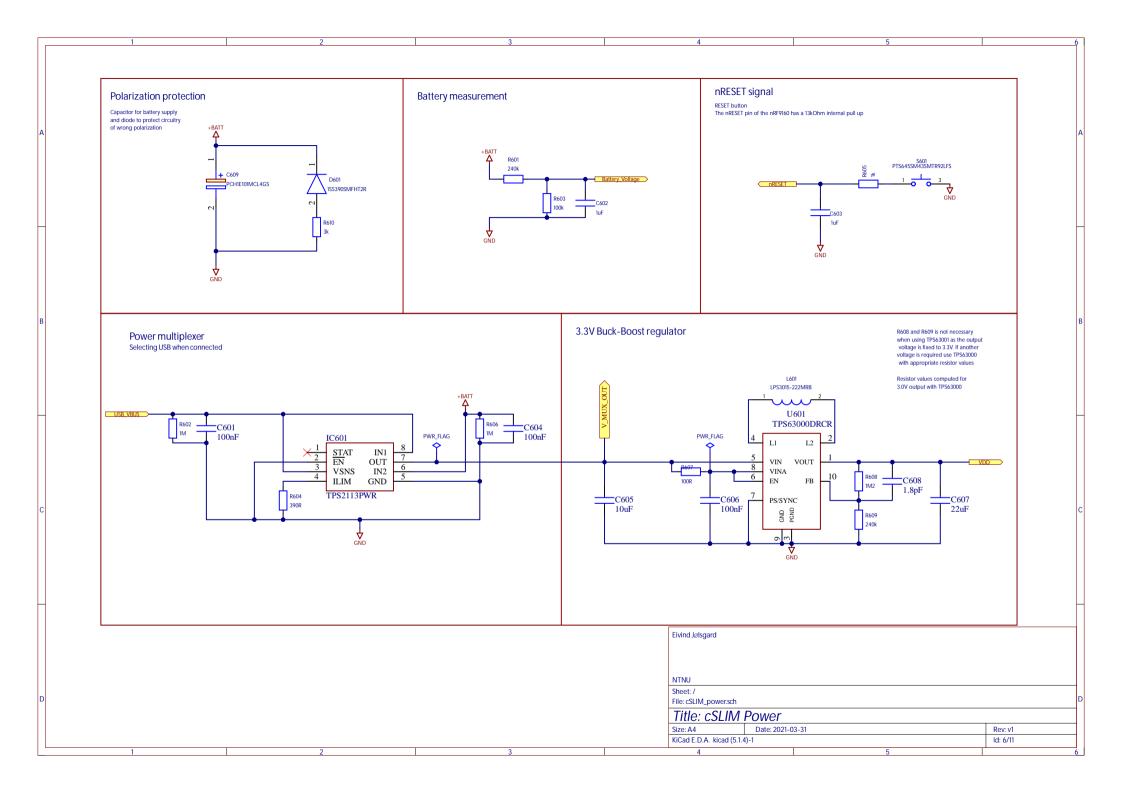
Rev: v1

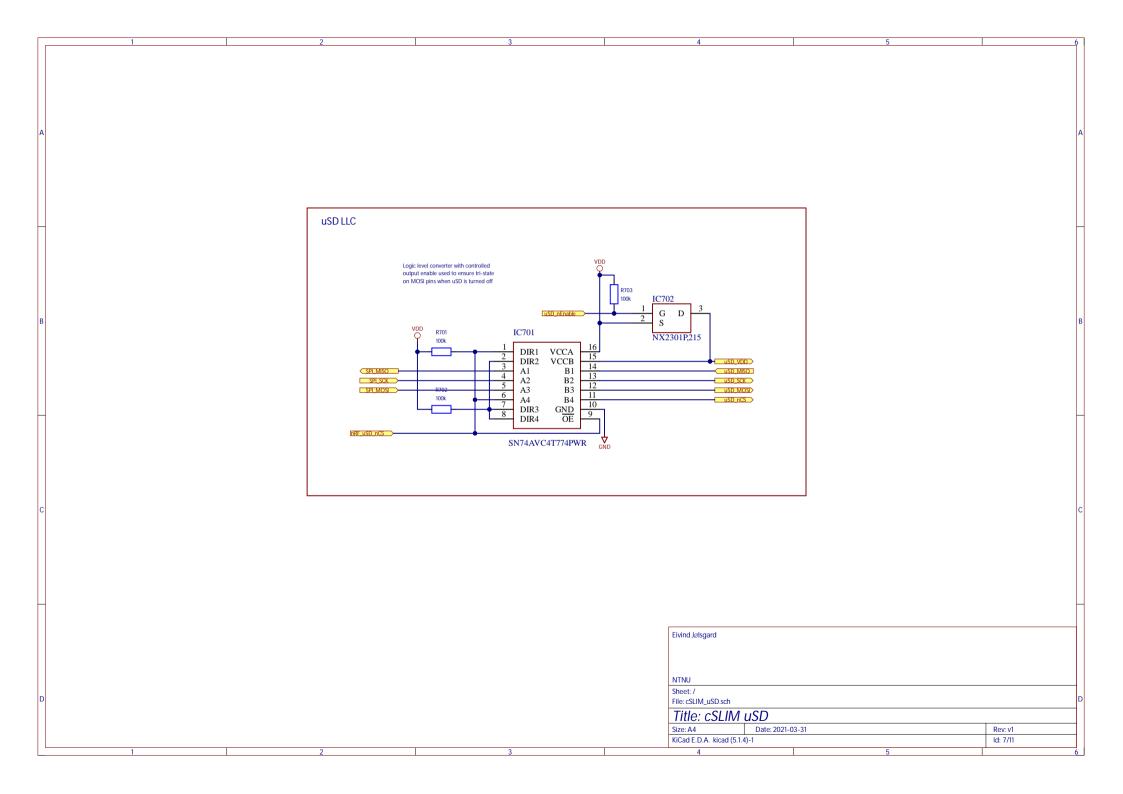
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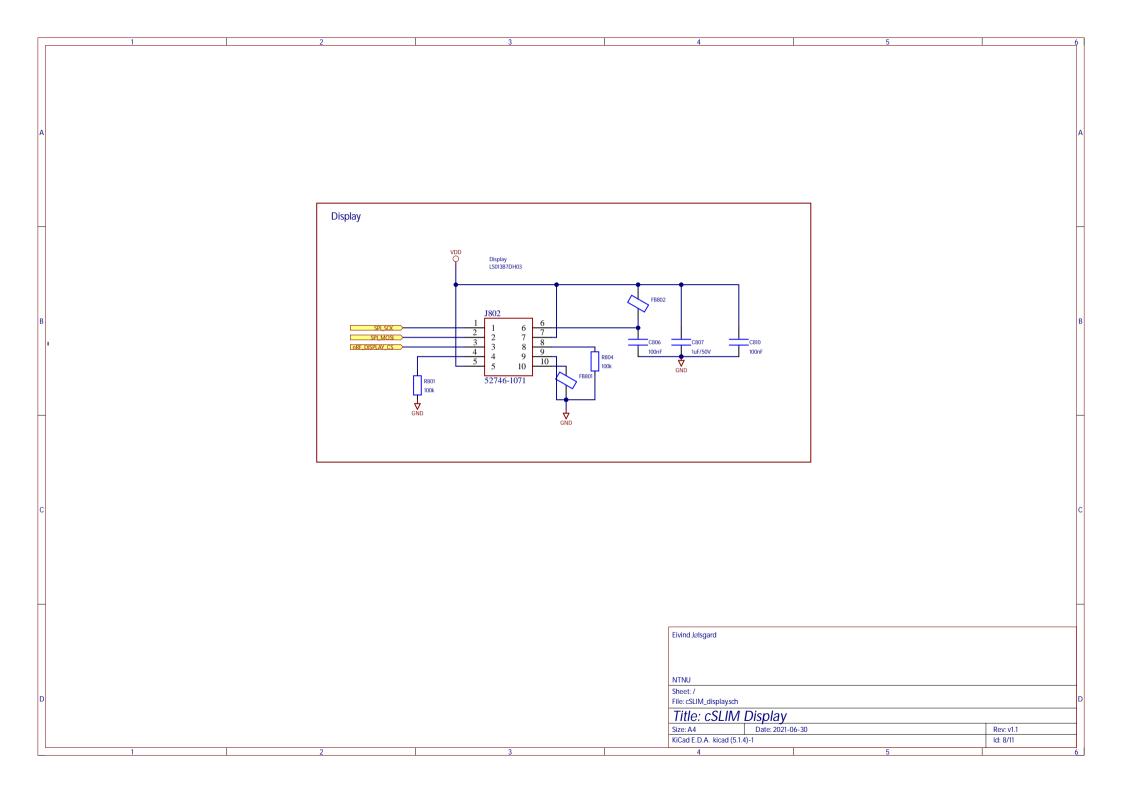


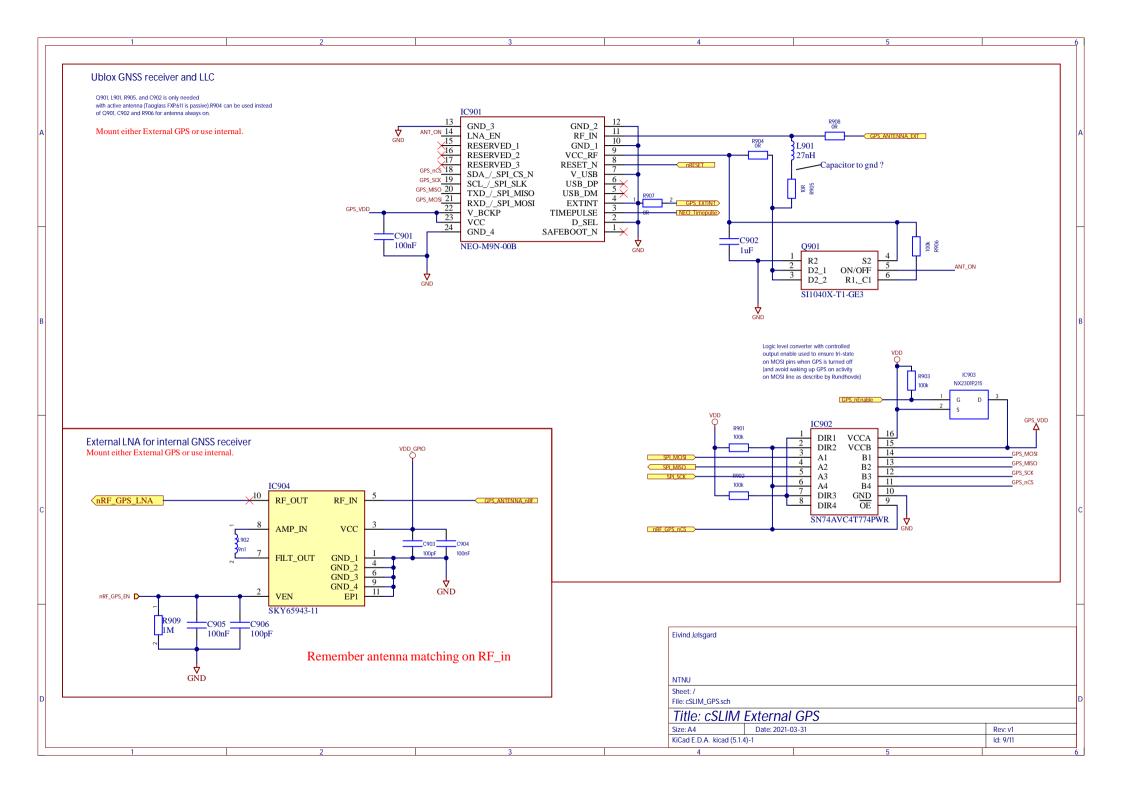


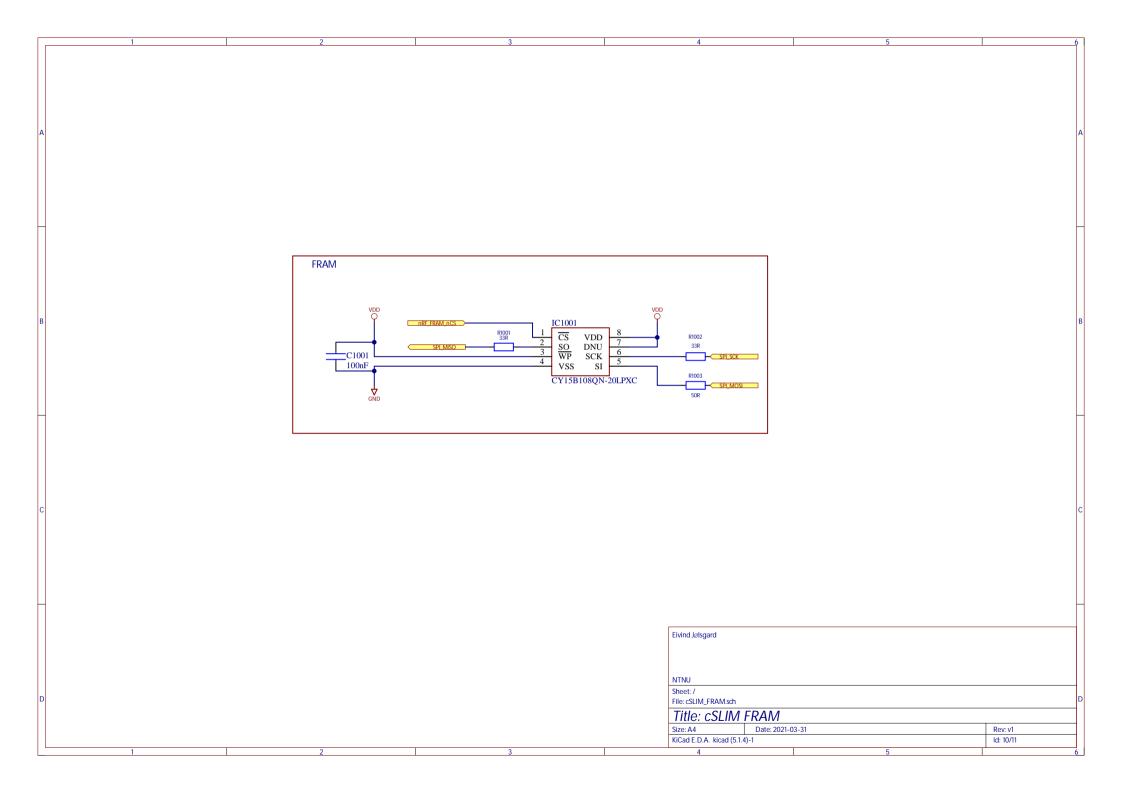


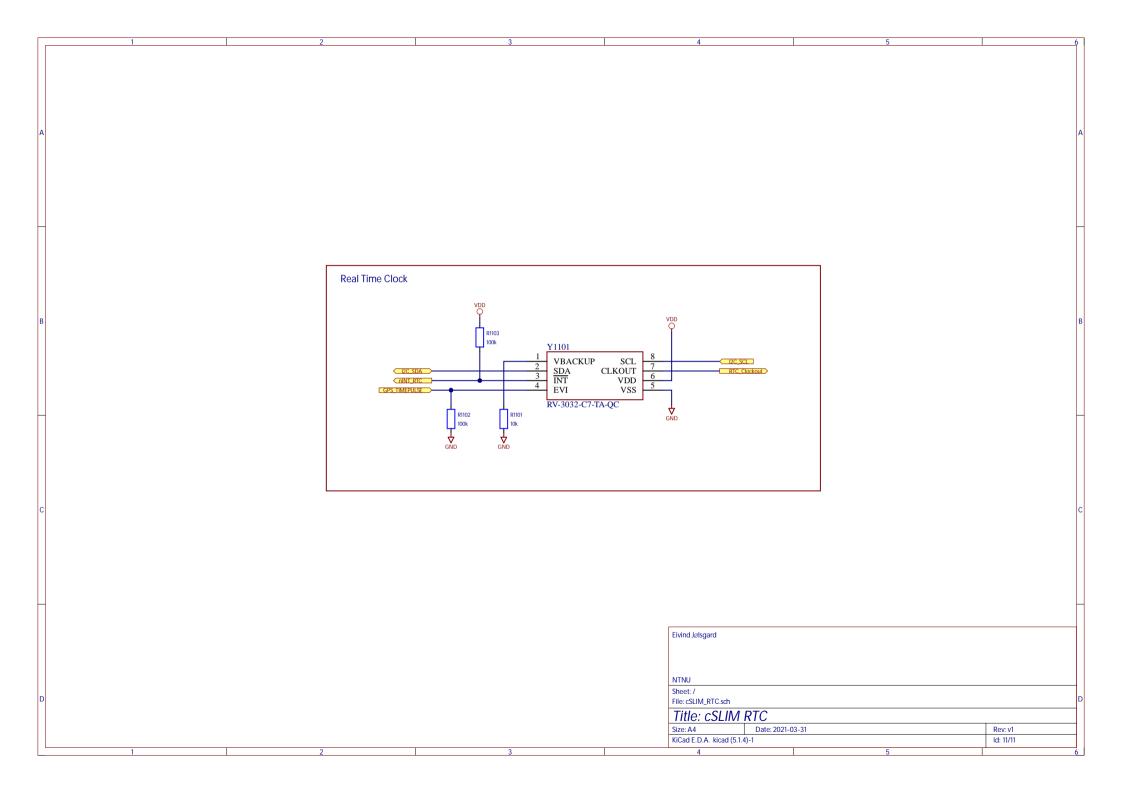












Comment	Description	Designator	Footprint	LibRef	Quantity
P822601	Antenna	A1 C301, C401, C402,	P822601	P822601	1
100nF	Capacitor	C403, C404, C405, C601, C604, C606, C806, C810, C901, C904, C905, C1001, C1202, C1205, C1209,	CAPC1608X90N	С	19
12pF	Capacitor	C1215 C501	CAPC1608X90N	С	1
10nF	Capacitor	C502	CAPC1608X90N	С	1
1uF	Capacitor	C602, C603, C902, C1216, C1217	CAPC1608X90N	С	5
10uF	Capacitor	C605	CAPC1608X90N	С	1
22uF 1.8pF	Capacitor Capacitor	C607 C608	CAPC1608X90N CAPC1608X90N	C C	1
PCH1E101MCL4GS	Capacitor Polarised	C609	CAPAE660X840N	PCH1E101MCL4GS	1
1uF/50V 100pF	Capacitor Capacitor	C807 C903, C906	CAPC1608X90N CAPC1608X90N	C C	1 2
15pF 47uF	Capacitor Capacitor	C1201, C1208 C1203, C1210	CAPC1608X90N CAPC1608X90N	C C	2 2
4.7uF	Capacitor	C1206, C1207	CAPC1608X90N	С	2
3.5pF N.C.	Capacitor Capacitor	C1211 C1212, C1213, C1214	CAPC1608X90N CAPC1608X90N	C	1 3
1SS390SMFHT2R	Diode	D601	SODFL1608X70N	1SS390SMFHT2R	1
CM1402-03CP	Diode ESD (Uni- directional)	D1201	CM140203CP	CM1402-03CP	1
500mA	,	FB501	CAPC1608X90N	Ferrite_Bead	1
Ferrite_Bead 120ohm 0.7A		FB801, FB802 FB1201	CAPC1608X90N CAPC1608X90N	Ferrite_Bead Ferrite_Bead	2
WLR089U0-I_RM	Integrated Circuit	IC201	WLR089U0IRM	WLR089U0-I_RM	1
SN74AVC4T774PWR	Integrated Circuit Integrated Circuit,	IC202, IC701, IC902	SOP65P640X120-16N	SN74AVC4T774PWR	3
NX2301P,215	[NoValue]	IC203, IC702, IC903	SOT95P230X110-3N	NX2301P,215	3
MAX3486ESA+ MAX3471EUA+	Integrated Circuit Integrated Circuit	IC301 IC302	SOIC127P600X175-8N SOP65P490X110-8N	MAX3486ESA+ MAX3471EUA+	1
MAX3221CUE+	Integrated Circuit	IC401	SOP65P640X110-16N	MAX3221CUE+	1
TPS2113PWR NEO-M9N-00B	Integrated Circuit Integrated Circuit	IC601 IC901	SOP65P640X120-8N NEOM9N00B	TPS2113PWR NEO-M9N-00B	1
SKY65943-11	Integrated Circuit	IC904	SKY6594311	SKY65943-11	1
CY15B108QN-20LPXC	Integrated Circuit	IC1001	SON65P323X328X55- 8N	CY15B108QN-20LPXC	1
NRF9160-SICA-R7	IC RF TxRx + MCU Cellular GPS 700MHz - 2.2GHz 161-TFLGA Module	IC1201	XCVR_NRF9160-SICA- R7	NRF9160-SICA-R7	1
PCAL6408APWJ	Integrated Circuit	IC1202	SOP65P640X110-16N HDRV2W110P0X254_	PCAL6408APWJ	1
Conn_01x02_Male	Connector	J301, J302, J501	1X2_508X254X854P HDRV4W64P0X254_1	61300211121	3
Conn_01x04_Male	Connector	J502	X4_1016X250X901P	PH1-04-UA	1
Conn_01x06_Male	Connector	J503	HDRV6W64P0X254_1 X6_1524X254X869P	61300611121	1
10119313-302TLF	Connector	J504	10119313302TLF	10119313-302TLF	1
Conn_01x03	Connector	J505	HDRV3W64P0X254_1 X3_762X254X869P	61300311121	1
104031-0811	Connector	J506	1040310811	104031-0811	1
CONUFL001-SMD-T SHF-105-01-L-D-SM	Connector Connector	J507, J514 J508, J512	CONUFL001-SMD SHF10501LDSMLCKTR	CONUFL001-SMD-T SHF-105-01-L-D-SM-	2
BM05B-ZESS-	Connector	1506, 1512	SHF 1000 IED3IVIECK IK	LC-K-TR BM05B-ZESS-	2
TBTLFSN	Connector	J509, J510	BM05BZESSTBTLFSN	TBT_LF_SN_	2
SF72S006VBAR2500 52746-1071	Connector Connector	J513 J802	SF72S006VBAR2500 52746-1071	SF72S006VBAR2500 52746-1071	1
LPS3015-222MRB	Connector	L601	LPS3015	LPS3015-103MRB	1
27nH 9n1		L901 L902	L-1608 LQW18AS10NG0CD	L L 1	1
22nH		L1201	L-1608	L	1
1.5nH APT2012LSECK_J3-		L1202	L-1608	L APT2012LSECK_J3-	1
PRV	LED	LED501	LEDC2012X75N	PRV	1
APT2012LSYCK_J3- PRV	LED	LED502	LEDC2012X85N	APT2012LSYCK_J3- PRV	1
APT2012LZGCK APT2012LVBC D	LED LED	LED503 LED504, LED505	LEDC2012X85N LEDC2012X85N	APT2012LZGCK APT2012LVBC_D	1 2
NetTie		NT1201, NT1202,	NETTIE_FP	NetTie	4
	Switch 4-pi. used 1-3	NT1203, NT1204 PB1201, PB1202, S601	DTC4 4E/CN 4T\	PTS645SM43SMTR92L	3
SI1040X-T1-GE3	(2-4 not in use) MOSFET (N-Channel)	Q901	PTS645(SMT) SOTFL50P160X60-6N	FS SI1040X-T1-GE3	3
100k	(* Original)	R201, R202, R203, R603, R701, R702, R703, R801, R804, R901, R902, R903, R906, R1102, R1103, R1209, R1210, R1211, R1212, R1213	RESC1608X55N	R	20
120R 680R		R301 R302, R303	RESC1608X55N RESC1608X55N	R R	1 2
15R		R501, R502	RESC1608X55N	R	2
OR 820P		R503, R508, R509, R511, R904, R907, R908, R1216, R1217 R504, R505	RESC1608X55N	R R	9
820R 330R		R506, R507, R510	RESC1608X55N RESC1608X55N	R	3
240k 1M		R601, R609 R602, R606, R909	RESC1608X55N RESC1608X55N	R R	2 3
390R		R604	RESC1608X55N	R	1
1k 100R		R605, R1214, R1215 R607	RESC1608X55N RESC1608X55N	R R	3
1M2		R608	RESC1608X55N	R	1
3k 10R		R610 R905	RESC1608X55N RESC1608X55N	R R	1
33R		R1001, R1002	RESC1608X55N	R	2
50R 10k		R1003 R1101, R1201	RESC1608X55N RESC1608X55N	R R	1 2
4.7k		R1202, R1203	RESC1608X55N	R	2
0ohm 12k		R1204, R1205, R1206 R1208	RESC1608X55N RESC1608X55N	R R	3
97C08ST	Switch	S201	SOIC127P671X170- 16N	97C08ST	1
USBLC6-2SC6 TPS63000DRCR	Integrated Circuit Integrated Circuit	U501 U601	SOT95P280X145-6N TPS63002DRCR	USBLC6-2SC6 TPS63000DRCR	1
RV-3032-C7-TA-QC	Integrated Circuit	Y1101	RV3032C7TAQA	RV-3032-C7-TA-QC	1