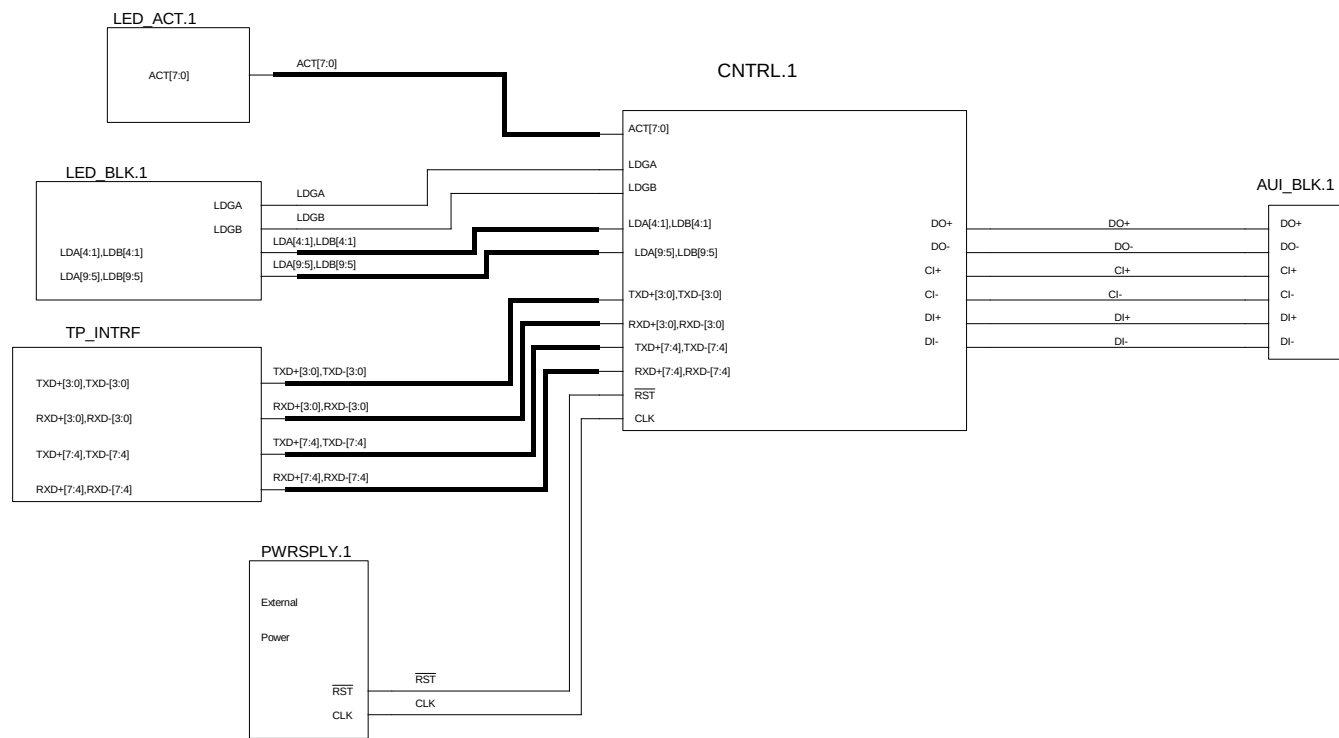
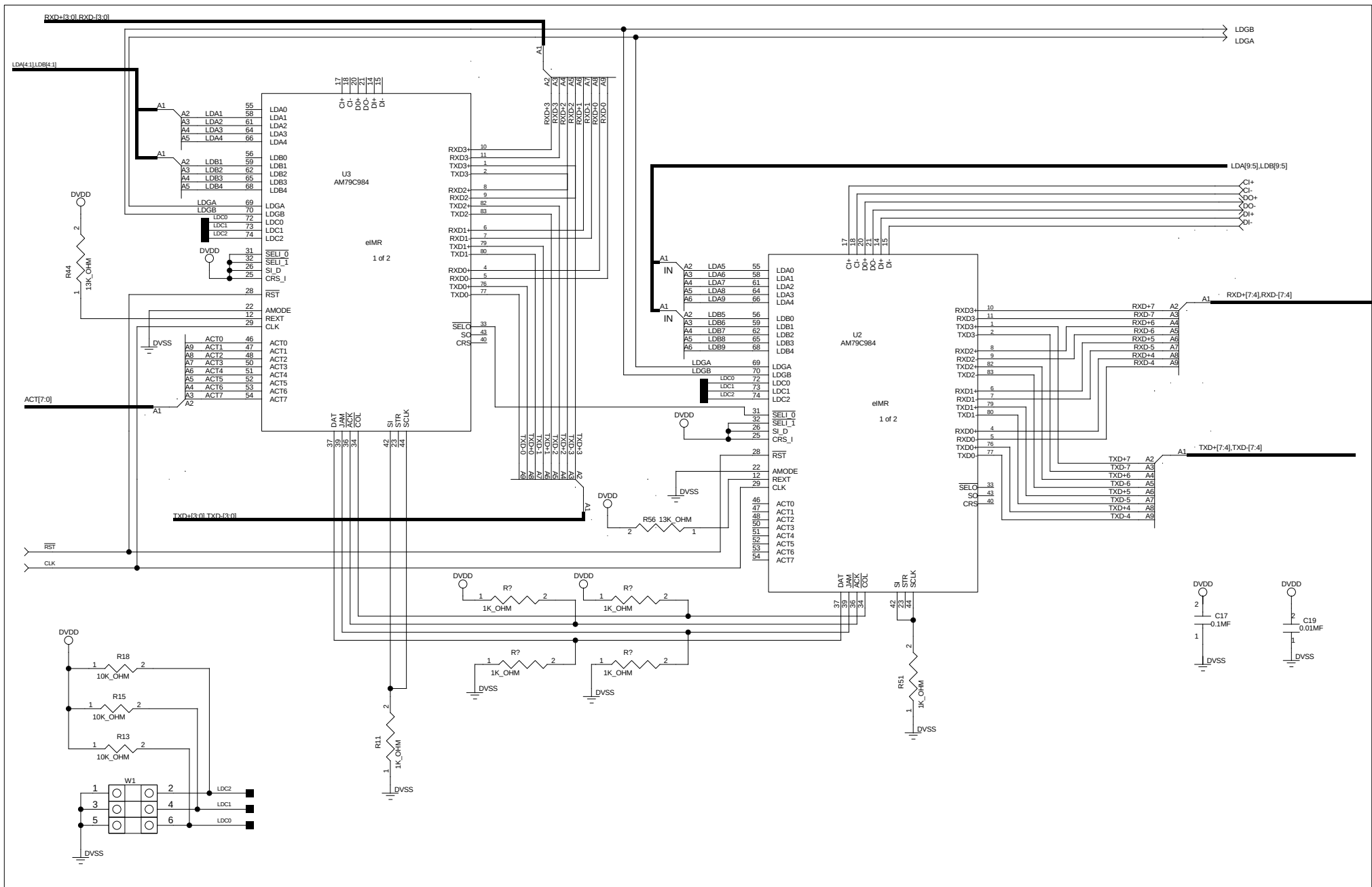
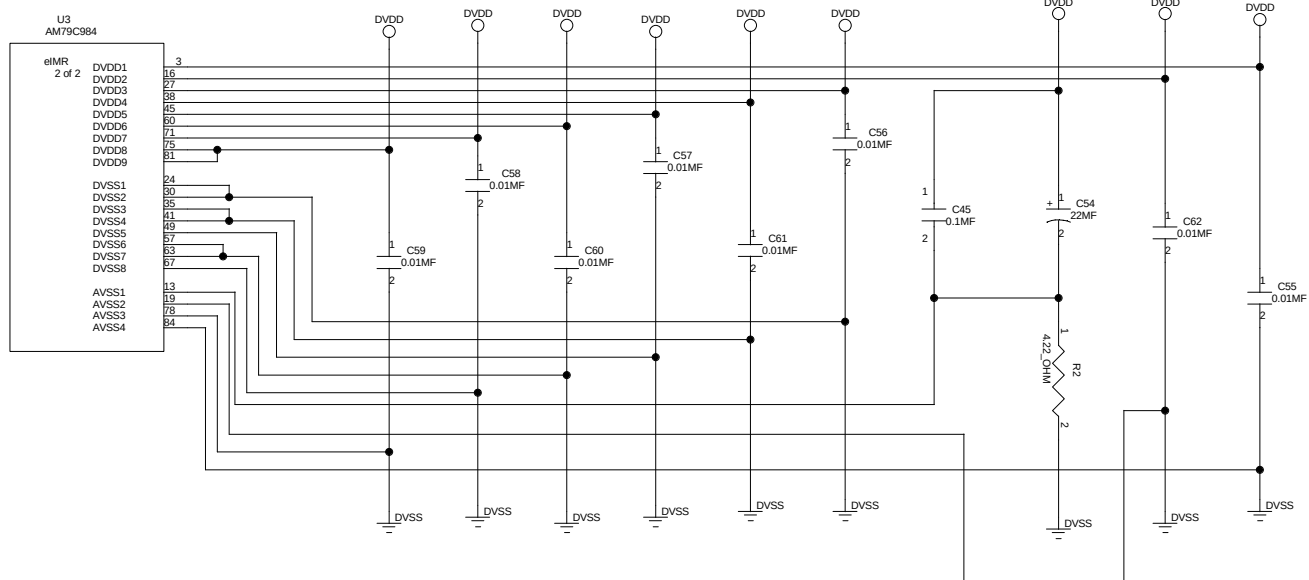
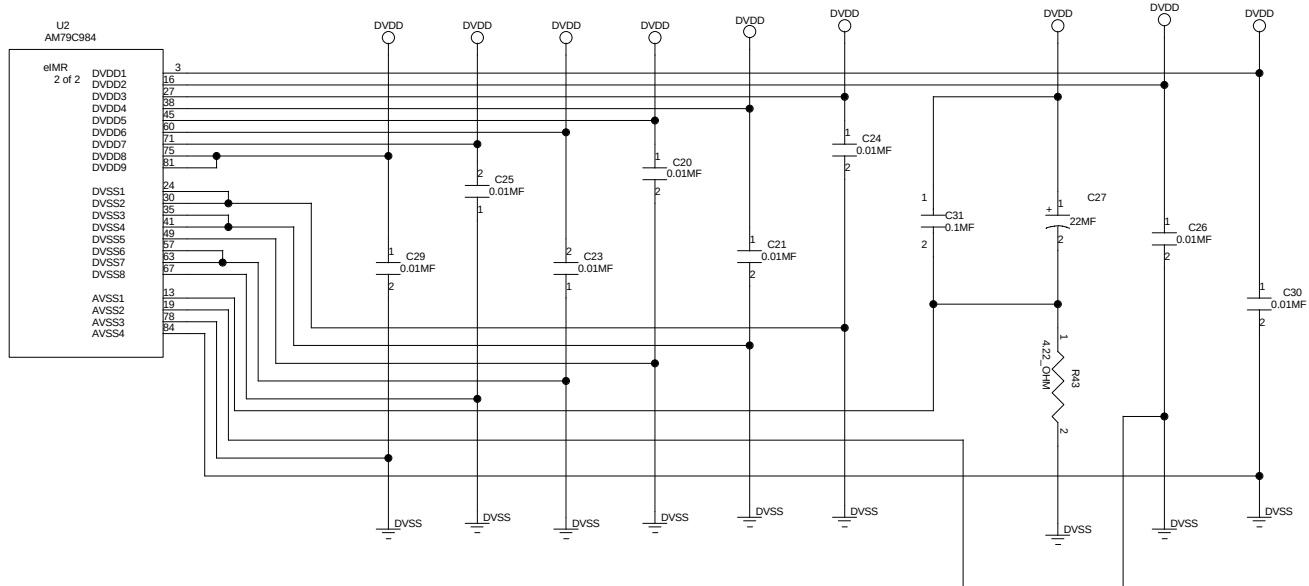
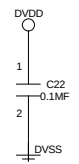
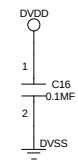
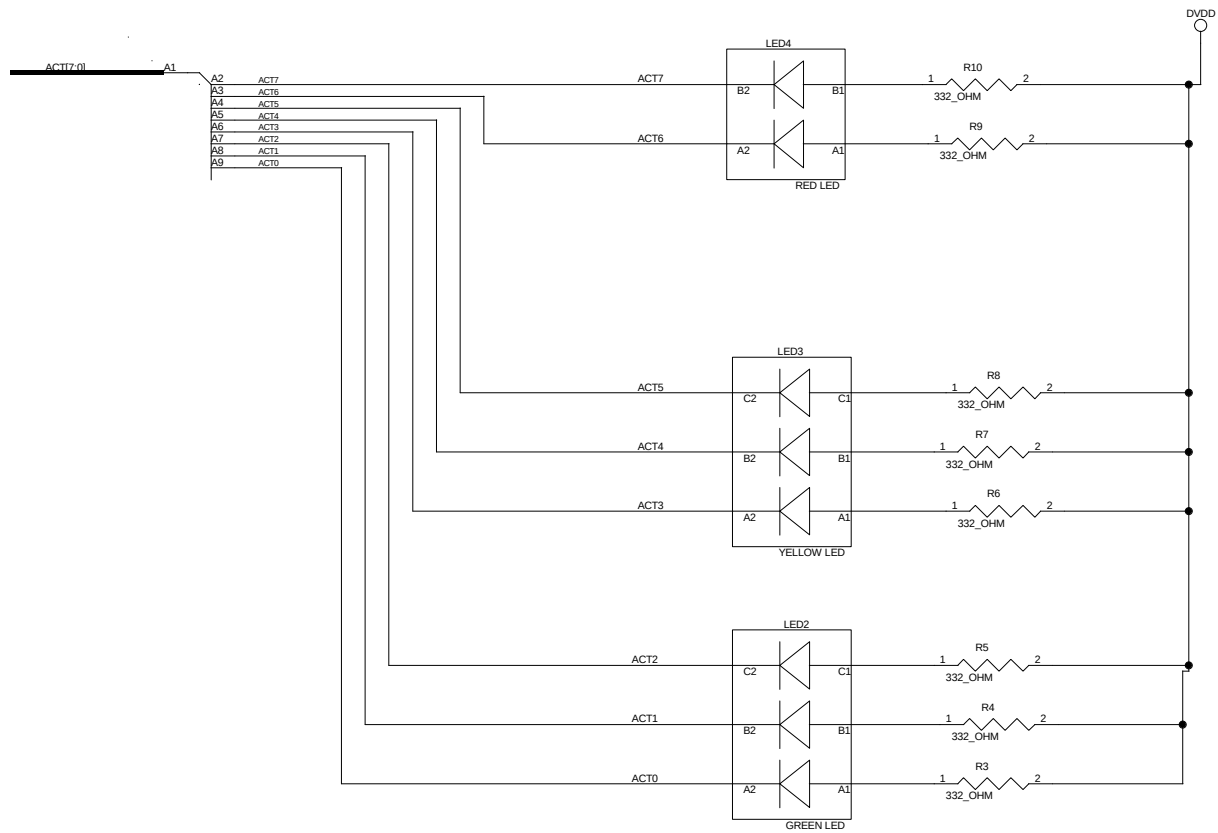
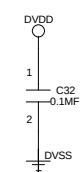
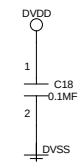
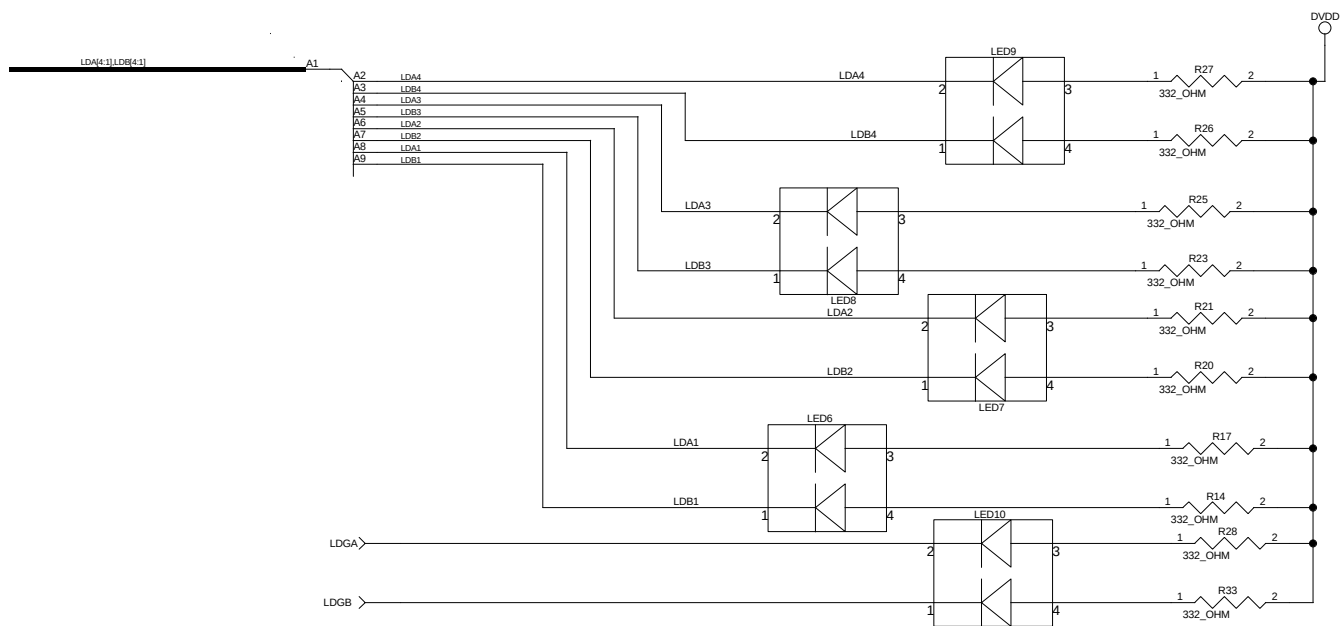
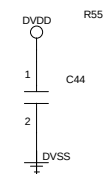
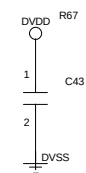
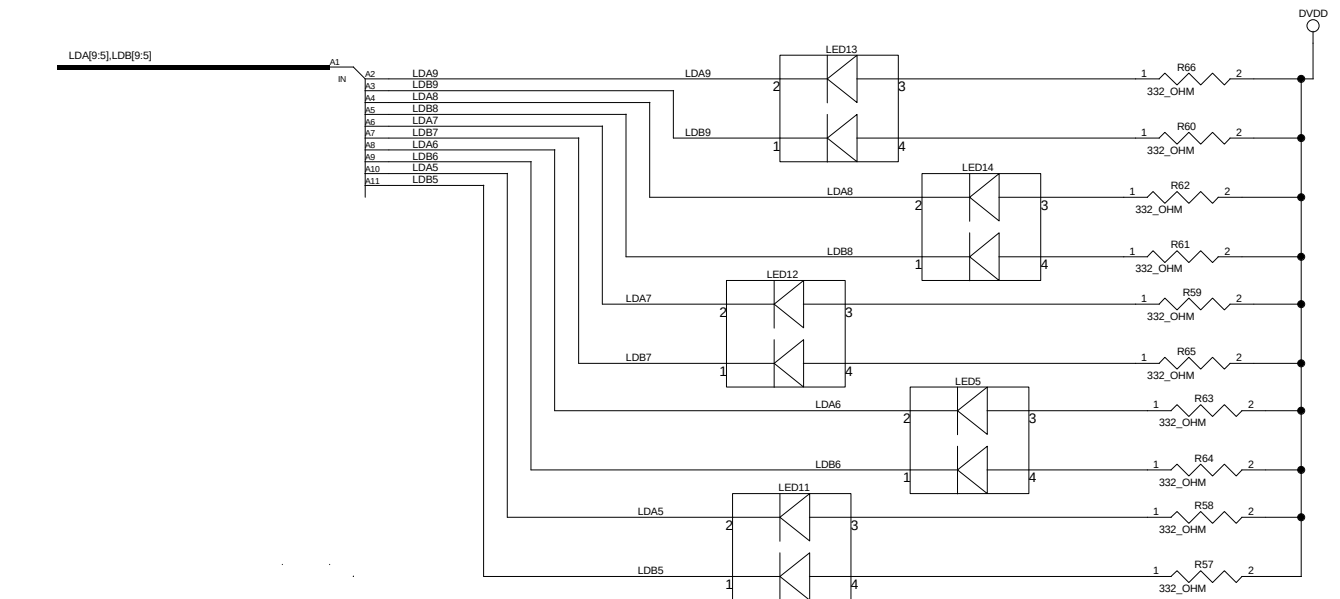


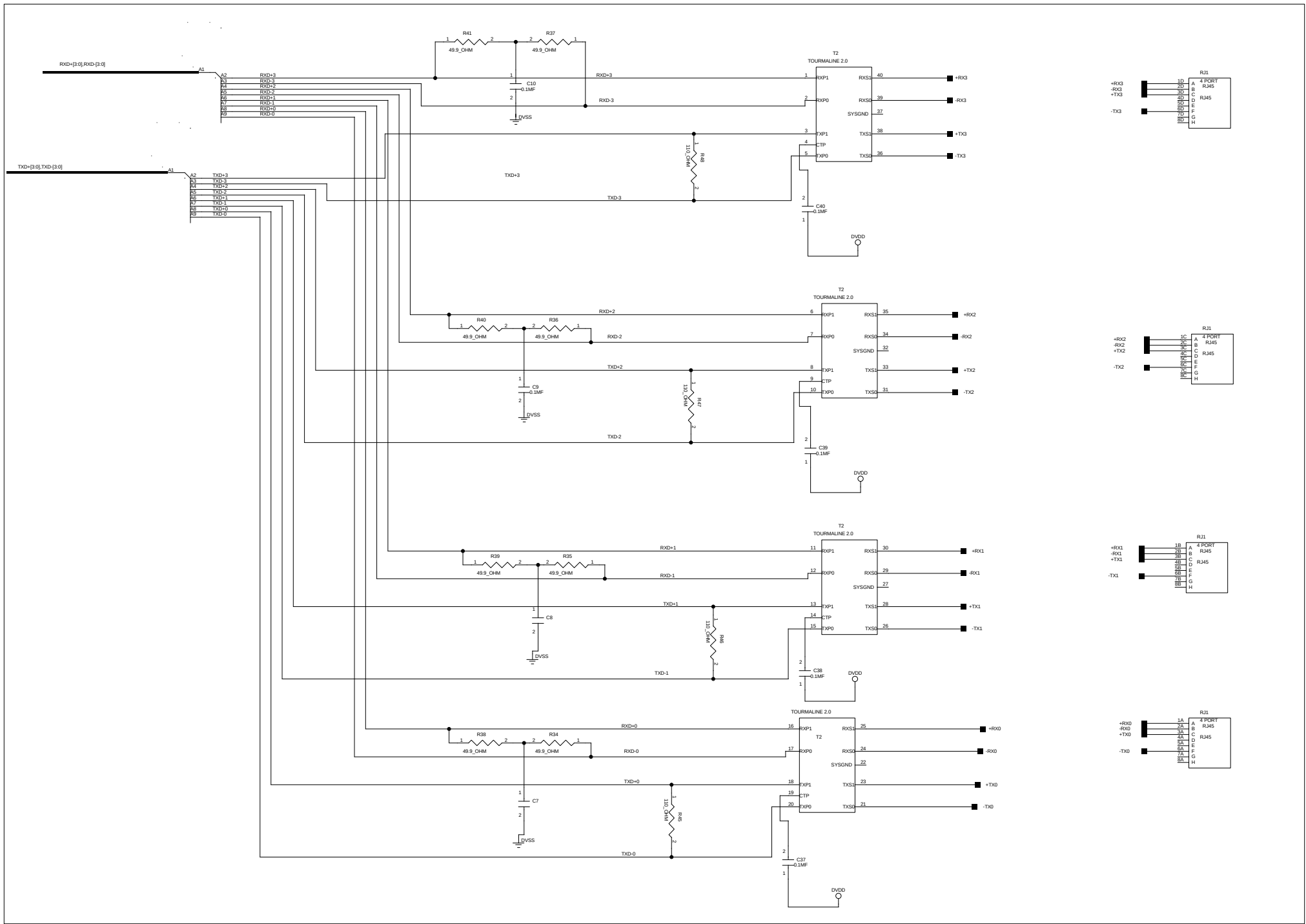


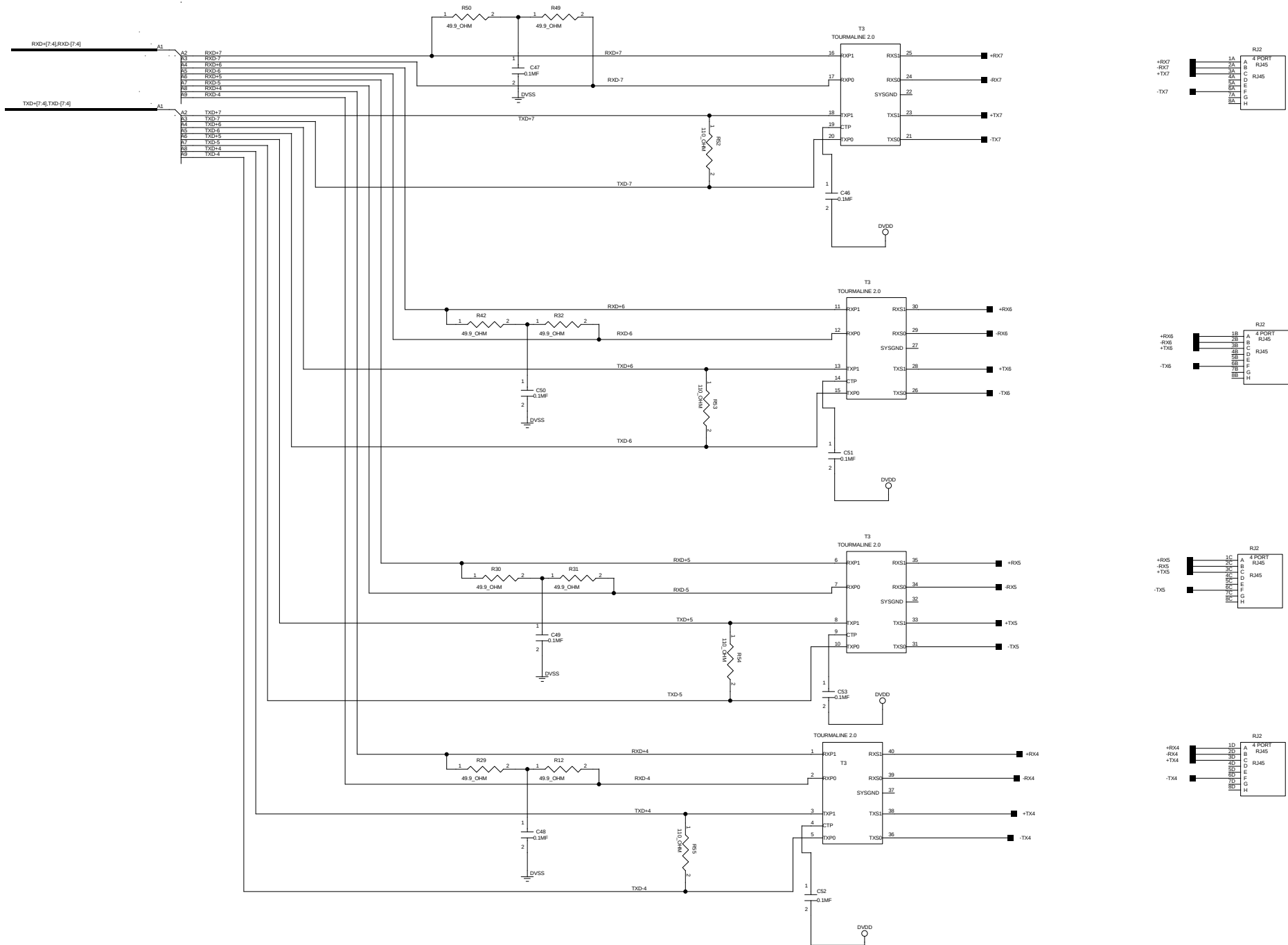


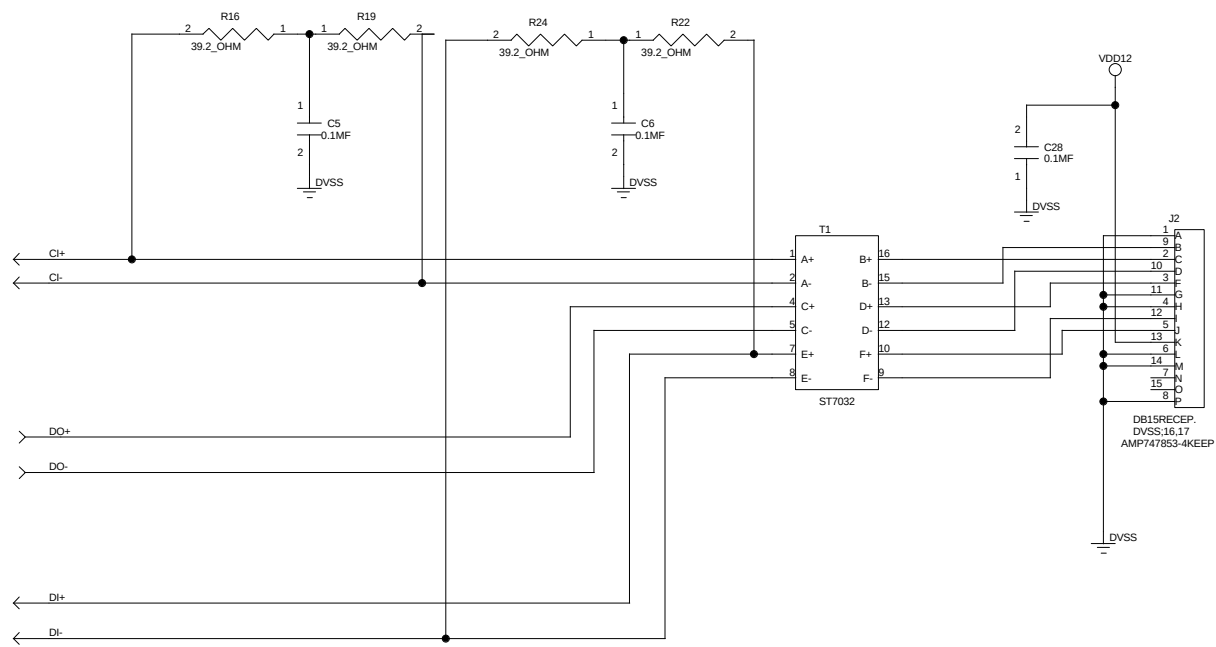
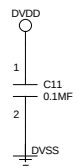
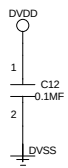




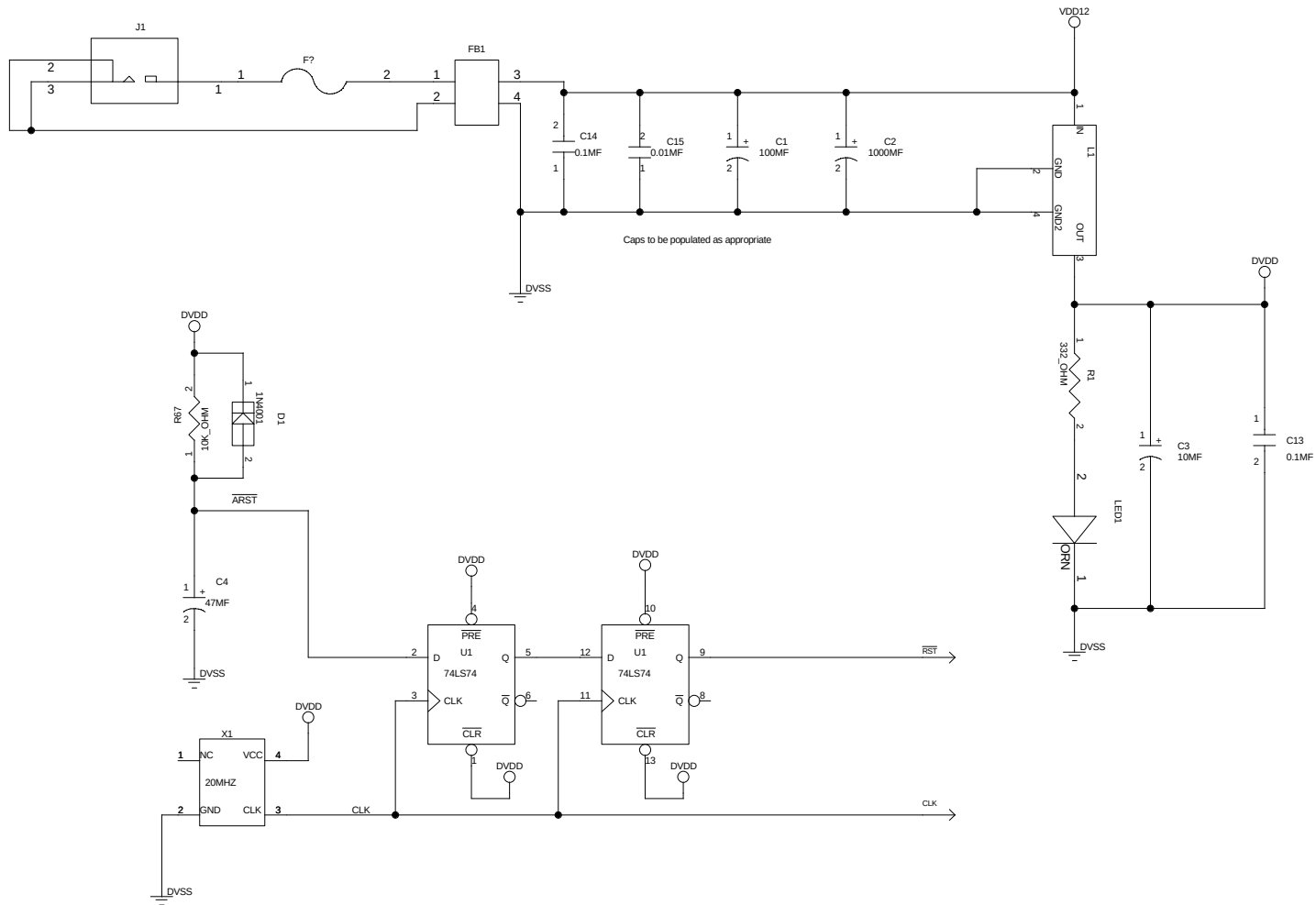








12 volt supply for AUI



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02/21/96 4:02:39 PM

item	Reference	Qty	Devaice	Device Description	Package	Vendor	Vendor PN	NOTES
1	C1	1	Capacitor	ELEC_107	515D	Sprague	515D107M016A A6A	
2	C2	1	Capacitor	ELEC_108	515D	Sprague	515D108M016C G6A	
3	C4	1	Capacitor	ELEC_476	515D	Sprague	515D476M016A W6A	
4	C3	1	Capacitor	TANT_106	[C]6032	Sprague	293D106X9016C 2T	
5	C27,C54	2	Capacitor	TANT_226	[C]6032	Sprague	293D226X9016C 2T	
6	C15,C19- 21,C23- 26,C29- 30,C55-62	18	Capacitor	.01MF COG Ceramic Capacitor	CC1812	KEMET	C1812C103J5GA C	
7	C33,C36	2	Capacitor	220PF X&R Ceramic Capacitor	RC1206	Kemet	C1206CC221K5R AC	
8	C5-14,C16- 18,C22,C28, C31- 32,C37- 40,C43-53	32	Capacitor	.1MF X7R Ceramic Capacitor	RC1206	KEMET	C1206C104K5R AC	
9	D1	1	Diode	1N4001				
10	F1	1	Fuse	Resettable fuse; 1.25A hold current, 2.5A trip current	SMD	Ray-Chem	SMD125-002	
11	FB1	1	FERRITE2	WOUND_BEAD	FB3	Fair-Rite	29-43-666681	
12	J1	1	Power adapter	PJ002		Cui /Stack Inc.	PJ-002	
13	J2	1	AMP747853-4	DB-15 RIGHT ANGLE POSTED CONNECTOR	AMP747853-4	AMP	AMP747853-4	
14	L1		Voltage Regulator	3-Terminal positive	TO-220 Power	National	LM340T5	

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 02/21/96 4:02:39 PM

item	Reference	Qty	Devaice	Device Description	Package	Vendor	Vendor PN	NOTES
		1		regulator. 5 volt output voltage	package	Semiconductor		
15	L1	1	TO-220 Mounting Kit	TO-220 Mounting Kit	N/A	Thermalloy	4880	
16	L1	1	Heat Sink for To-220	Heat Sink for To-220	N/A	Thermalloy	6078B	
17	LED1	1	LED	Single Orange Right Angle LED	PCT220	Ledtronics	PCT220TO5 PCT220TO5	
18	LED2	1	LED	TRI Green LED Modular bargraph	Tri-BAR	Ledtronics	RBG280T3-3G-B	
19	LED3	1	LED	TRI Yellow LED Modular bargraph	Tri-BAR	Ledtronics	RBG280T3-3Y-B	
20	LED4	1	LED	BI Red LED Modular bargraph	Bi-BAR	Ledtronics	RBG280T3-2R-B	
21	LED5-14	10	LED	Bi-level LEDs Green/Yellow		Dialight	553-0223	
22	R1,R3-10, R14,R17, R20-21,R23, R25-28, R33,R57-66	29	Resistor	332 Ohm resistor, 1%	RC1206	DALE	CRCW12063320 F	
23	R16,R19,R22,R24	4	Resistor	39.2 Ohm resistor, 1%	RC1206	DALE	CRCW120639R2 F	
24	R13,R15, R18,R67	4	Resistor	10kOhm resistor, 1%	RC1206	DALE	CRCW12061002 F	
25	R12,R29-32, R34-42,R49-50	16	Resistor	49.9 Ohm resistor, 1%	RC1206	DALE	CRCW120649R9 F	
26	R11,R51	2	Resistor	1K Ohm resistor, 1%	RC1206	DALE	CRCW12061001 F	
27	R2,R43	2	Resistor	4.22 Ohm resistor, 1%	RC1206	DALE	CRCW120642X2 F	

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Partslist
02/21/96 4:02:39 PM

item	Reference	Qty	Devaice	Device Description	Package	Vendor	Vendor PN	NOTES
28	R44,R56	2	Resistor	13kOhm resistor, 1%	RC1206	DALE	CRCW12061302 F	
29	R45- 48,R52-55	8	Resistor	110 Ohm resistor, 1%	RC1206	DALE	CRCW12061100 F	
30	X1	1	Crystal Oscillator	20 MHz half-size clock crystal	XSTAL_H8P	MF Electronics	H1280-20M	
31	U1	1	74LS74	74LS74	14PSOIC			
32	RJ1-2	2	RJ45 Connector	MJHSG884A	MJHSG884A	Maxconn	MJHS -G-88-4A- PG4	
33	T1	1	Transformer	LAN Transformer	16PSOLIC	Valor	ST7032	
34	T2-3	2	Transformer	Quad 1:1 Isolation	Tourmaline	Pulse Engr	PE-68050	
35	U2-3	2	AM79C984	eIMR	MET84PLCC	AMD	79C984	
36	U2-3	2	SOCKET	84 PIN PLCC SOCKET	MET84PLCC	METHODE	213-084-601	
37	W1	1	JUMPER	6 PIN JUMPER	JUMP6	AMP	4-103240-0	
38	W1	1	SHUNT	SHUNT	N/A	MOLEX	15-38-1024	