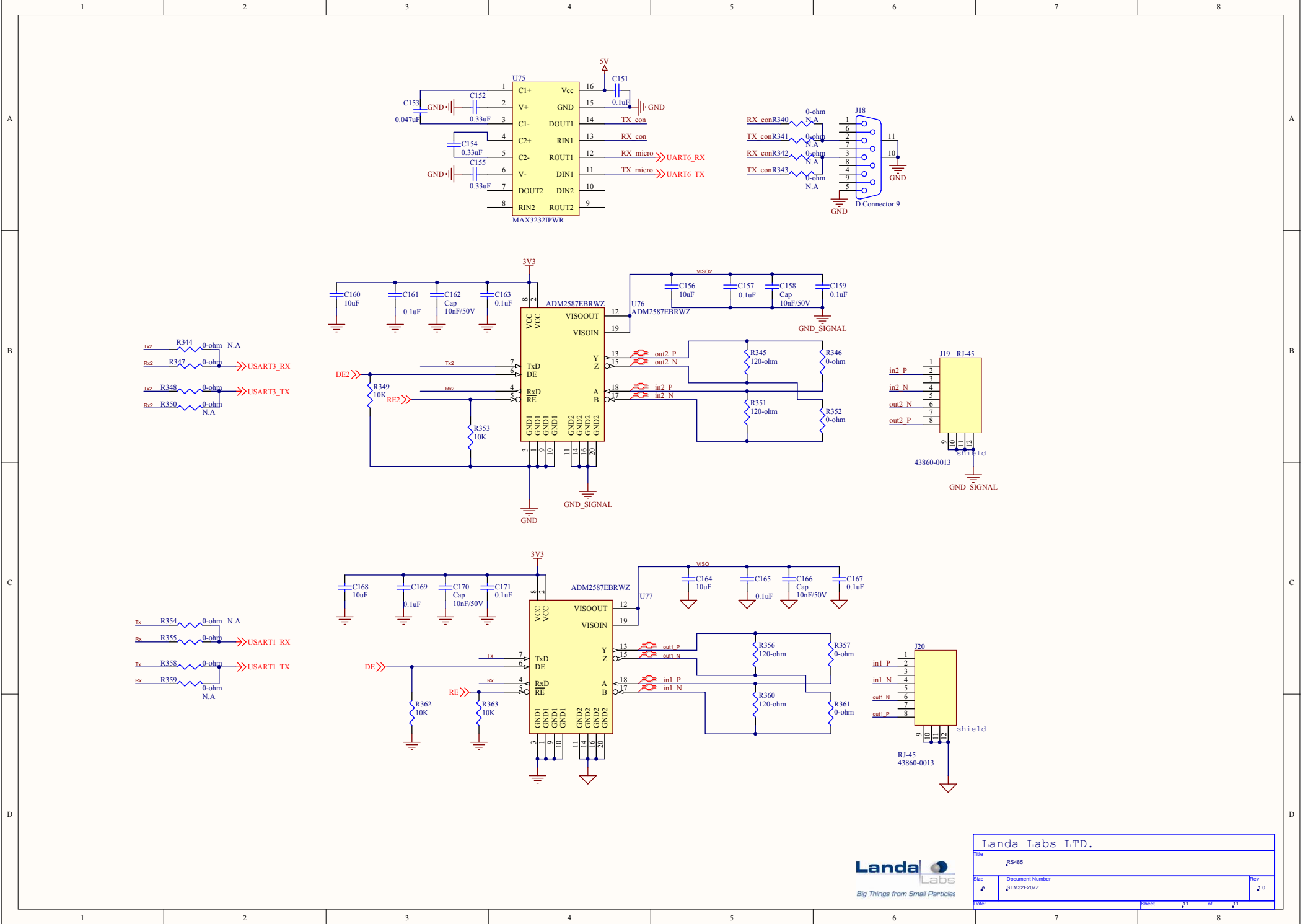
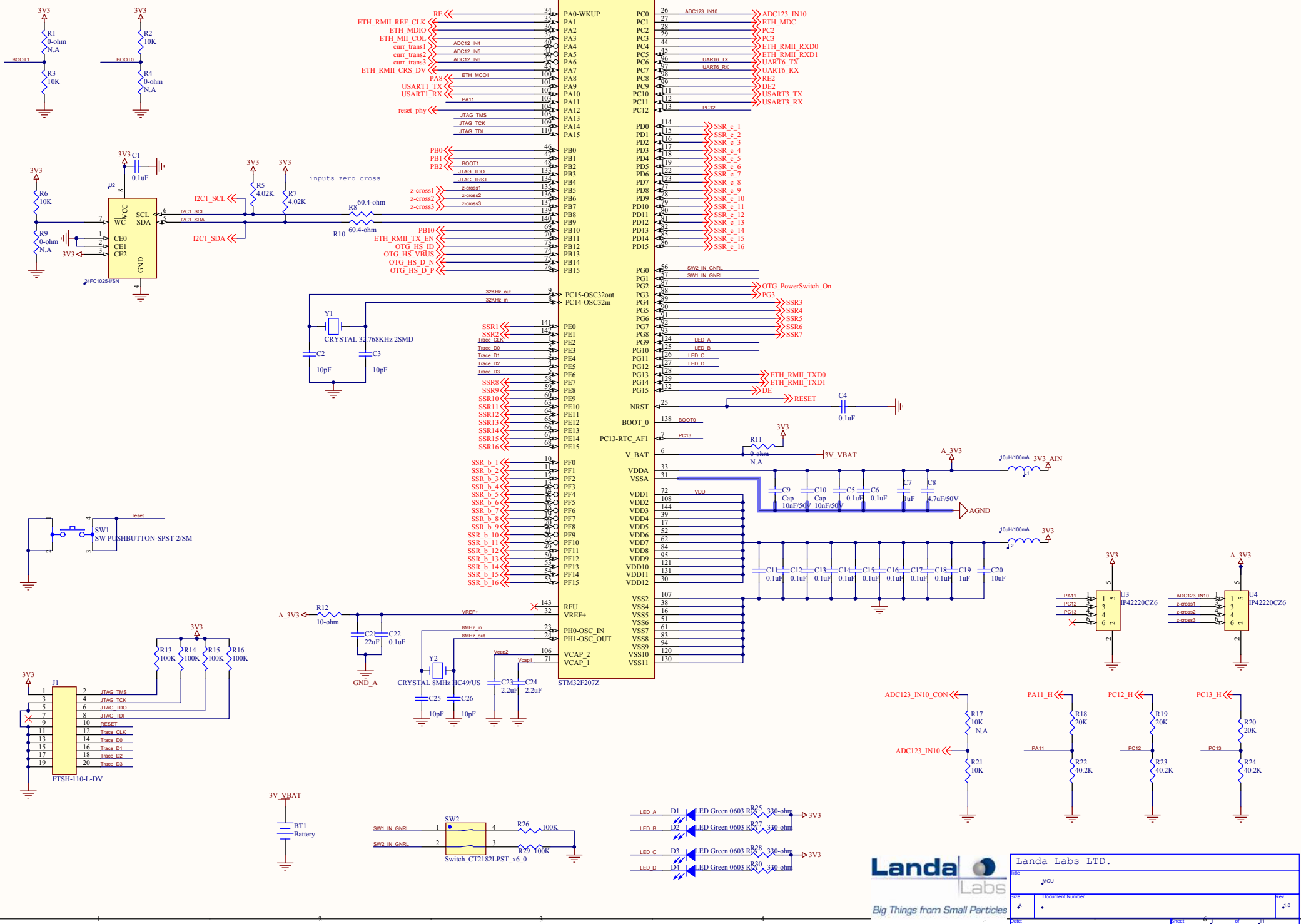


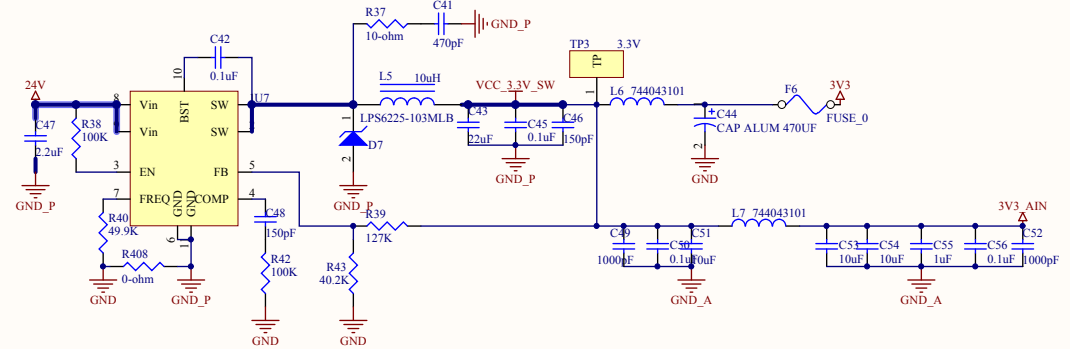
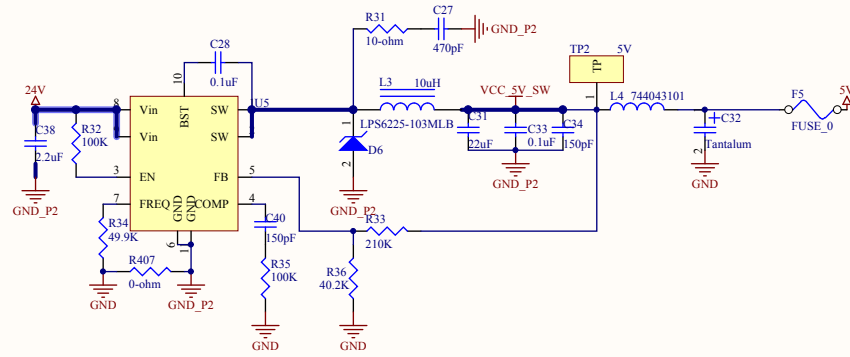
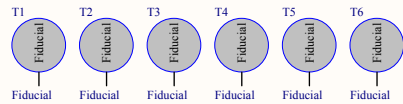
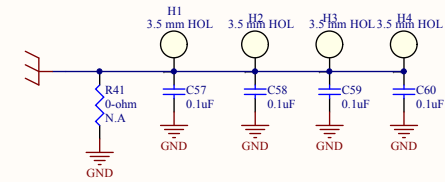
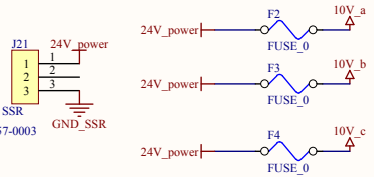
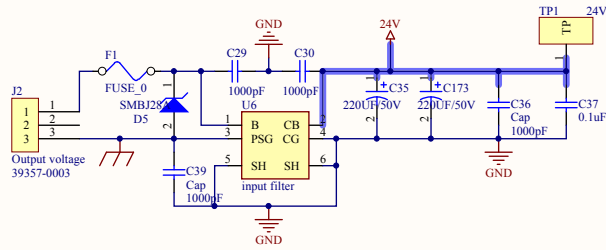
**Landa Labs**

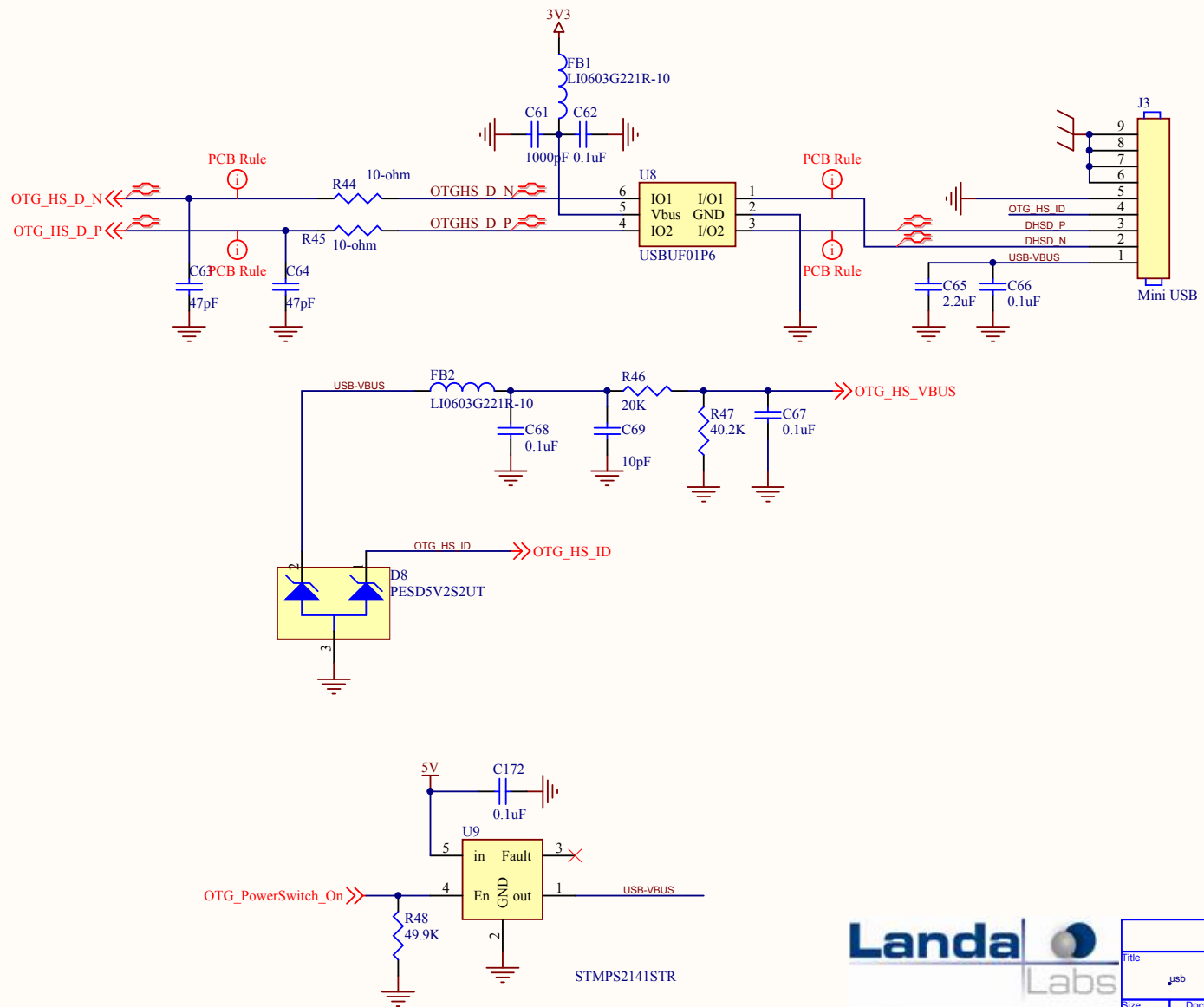
Big Things from Small Particles

Landa Labs LTD.		
File	STM32F207Z	
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	connectors +WD	1.0
Date:	Sheet	10 of 11

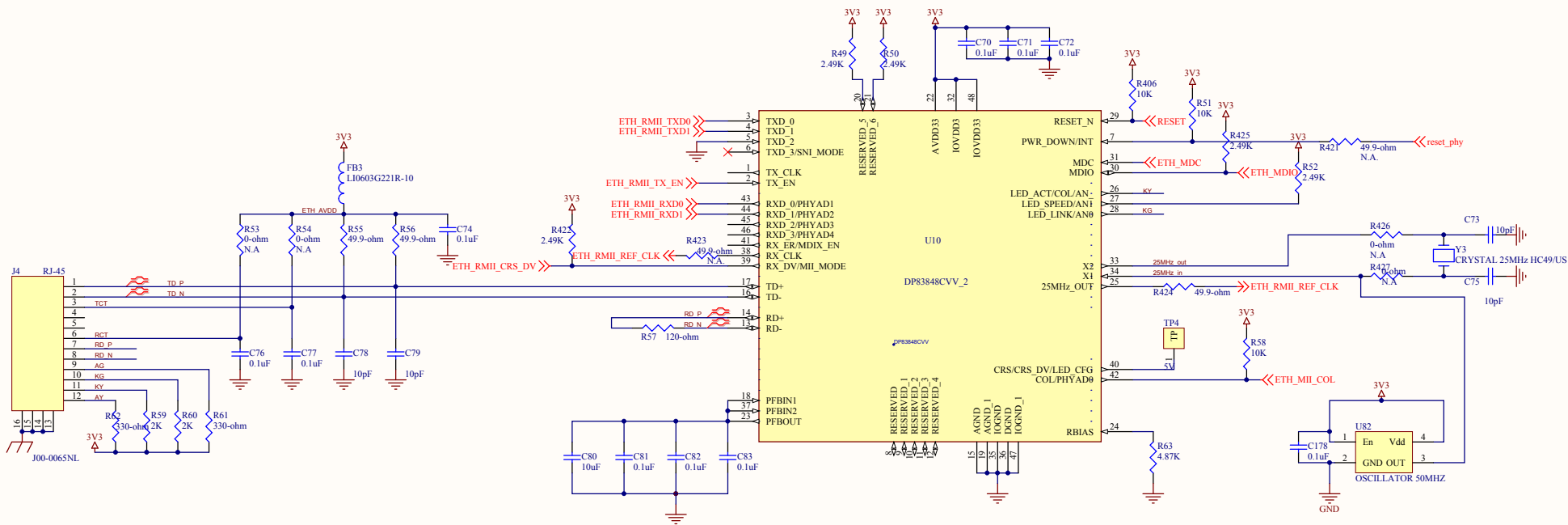






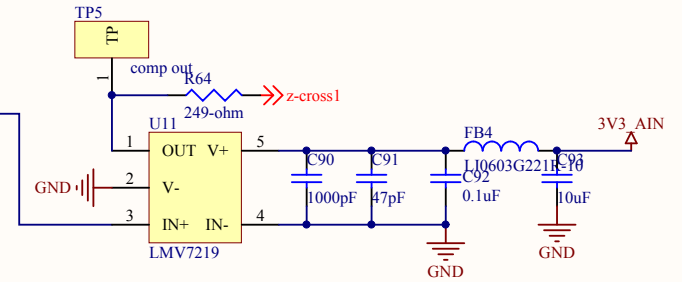
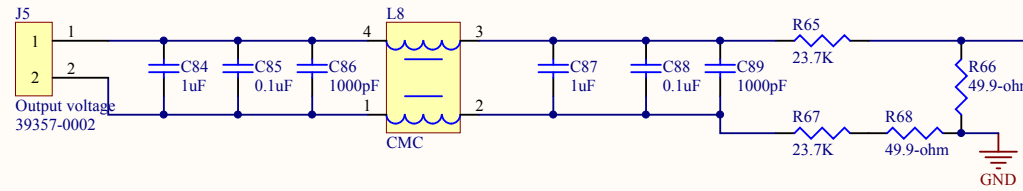


Landa Labs LTD.			
Title			
usb			
Size	Document Number		Rev
A	•		1.0
Date:		Sheet 3 of 11	

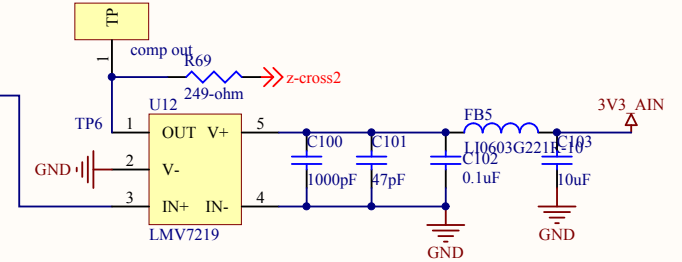
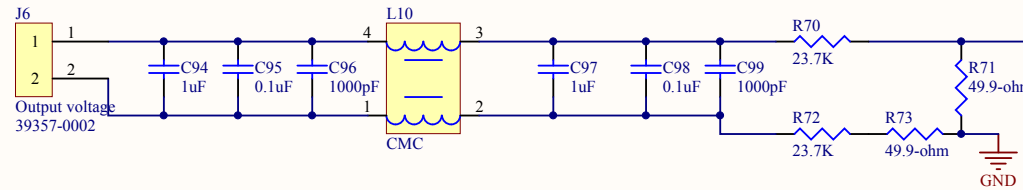


from transformer  
400V/24v

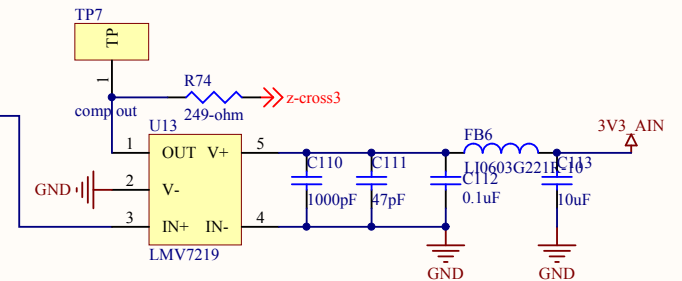
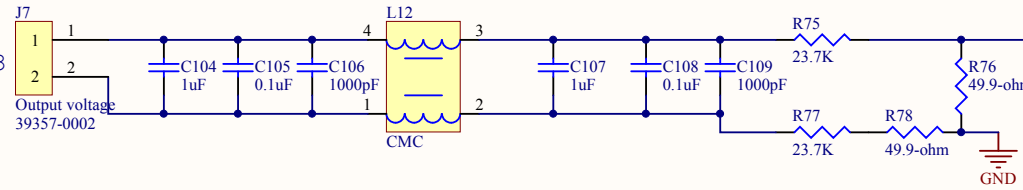
phase 1



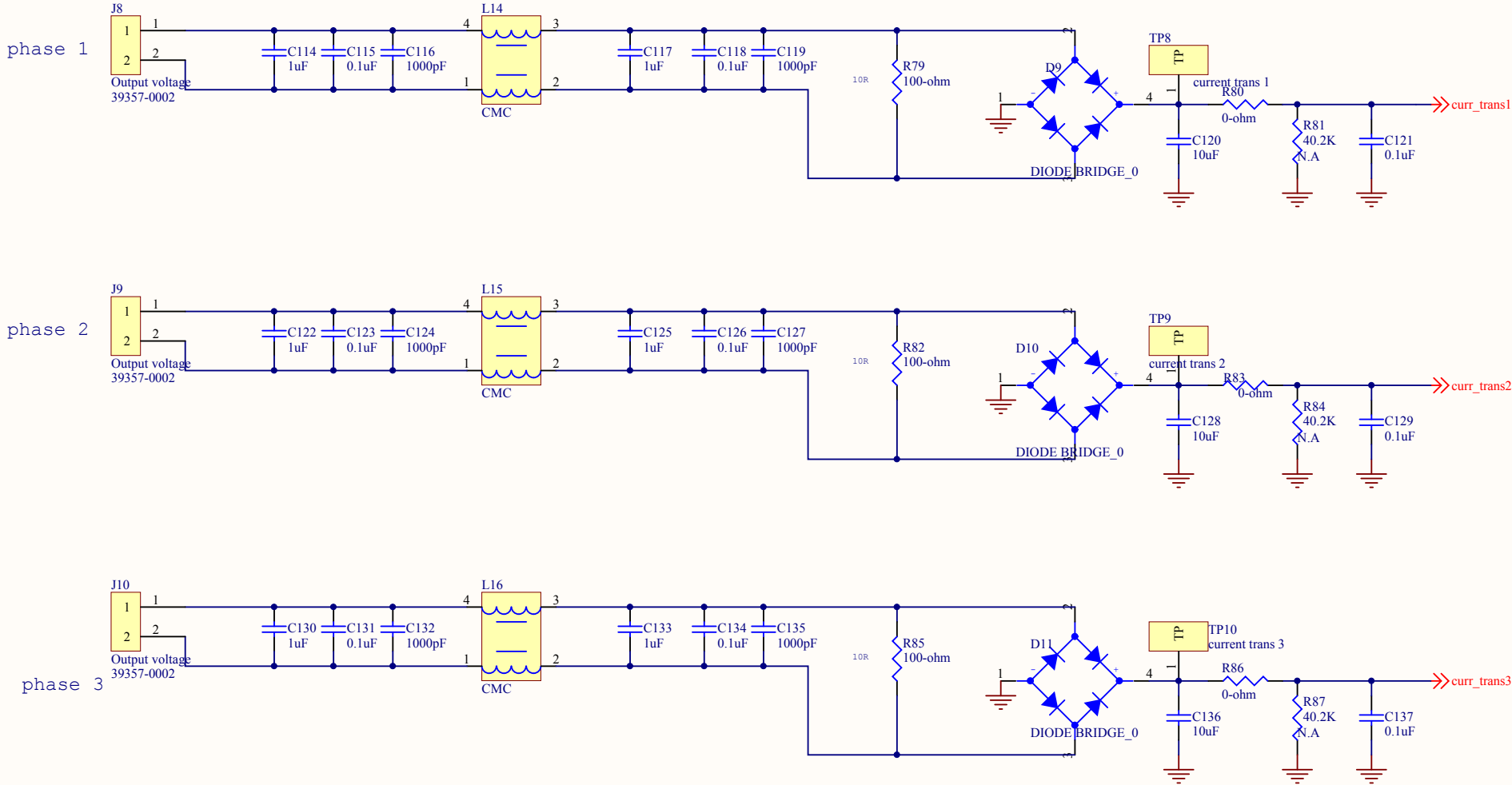
phase 2



phase 3

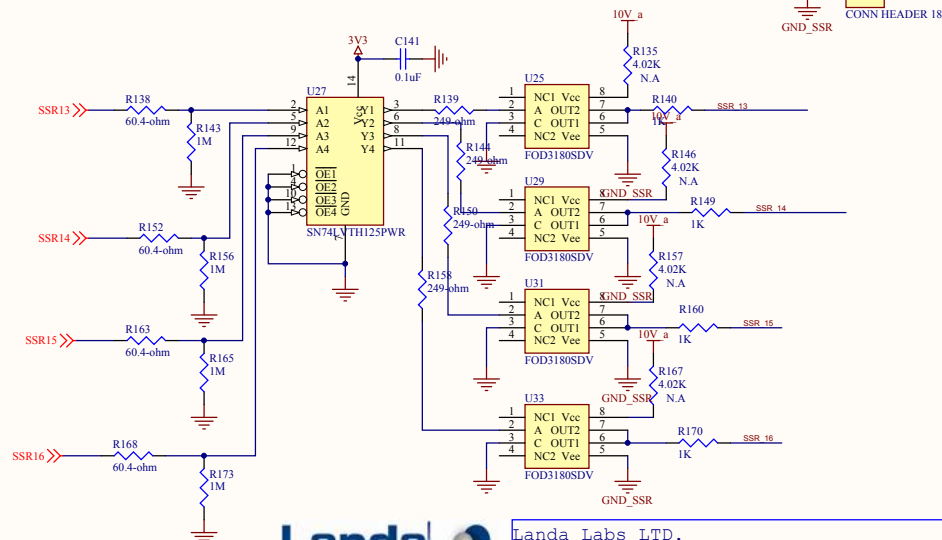
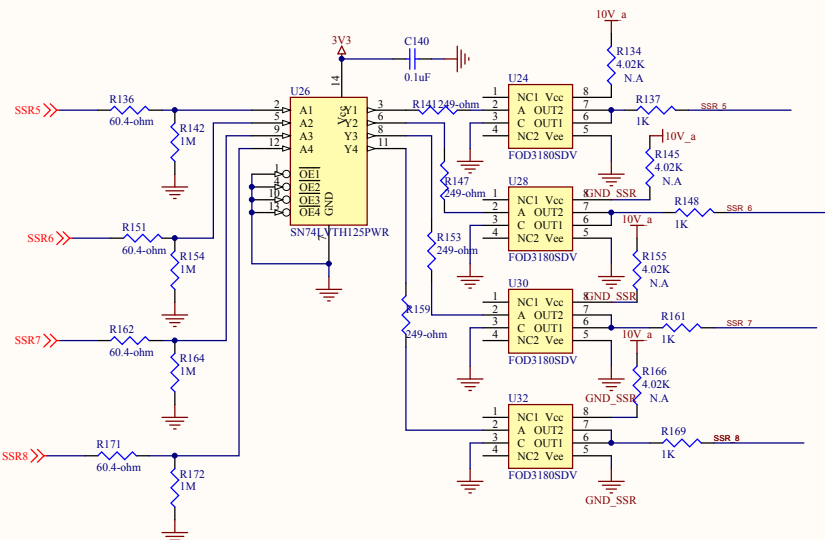
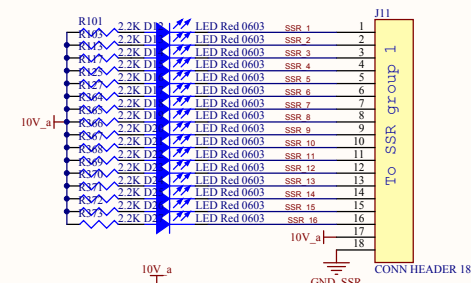
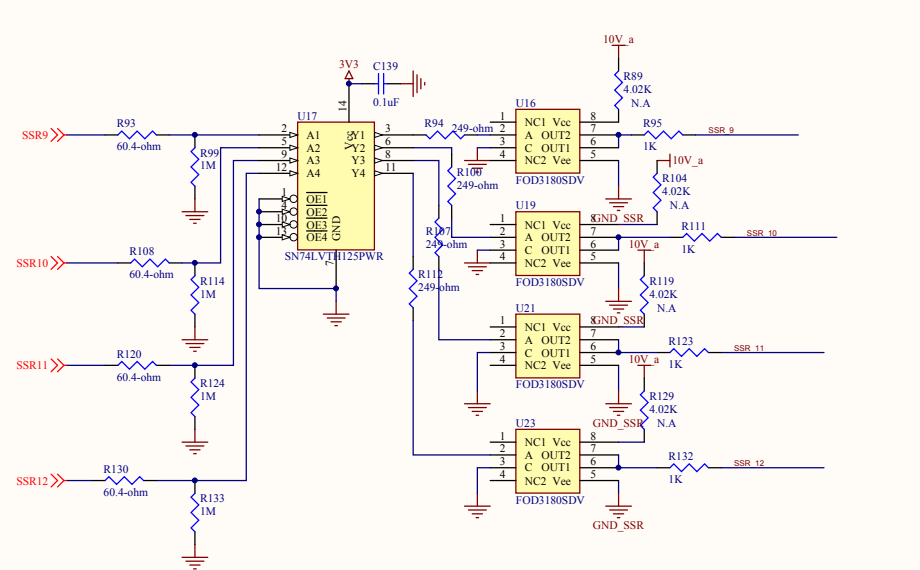
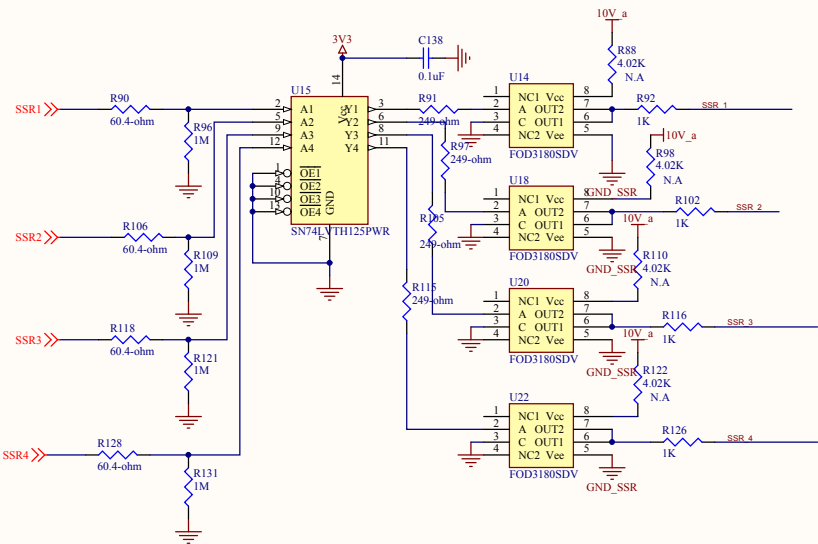


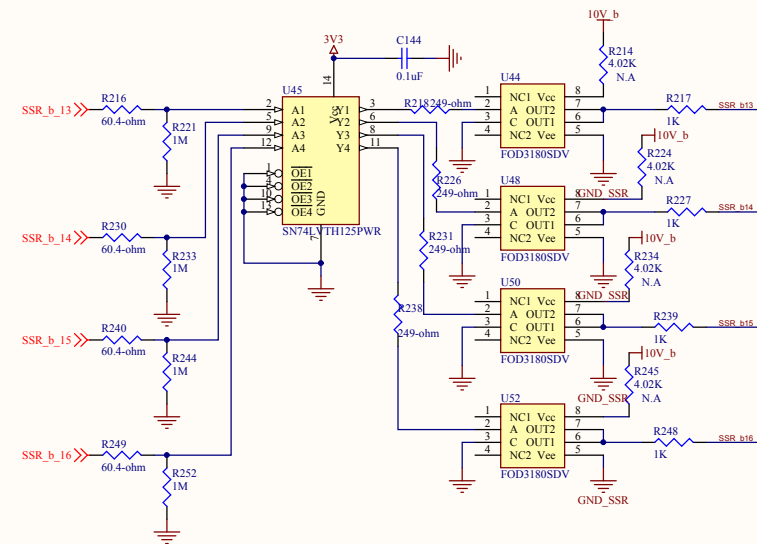
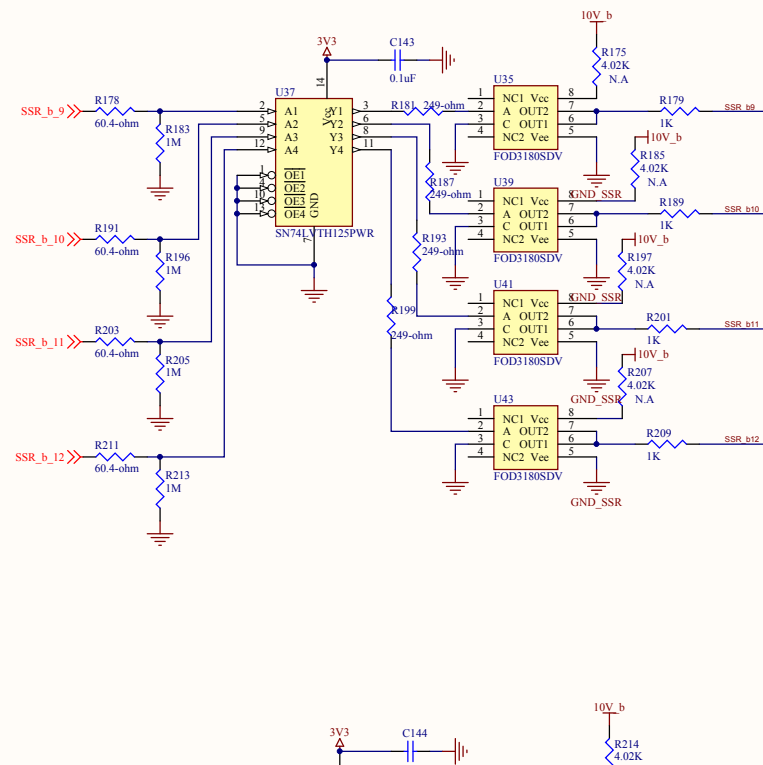
from Current Transformer

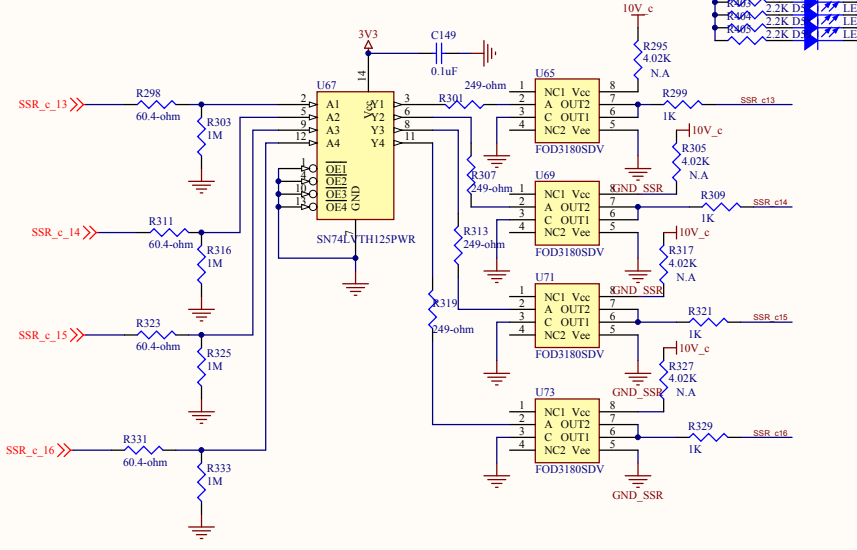
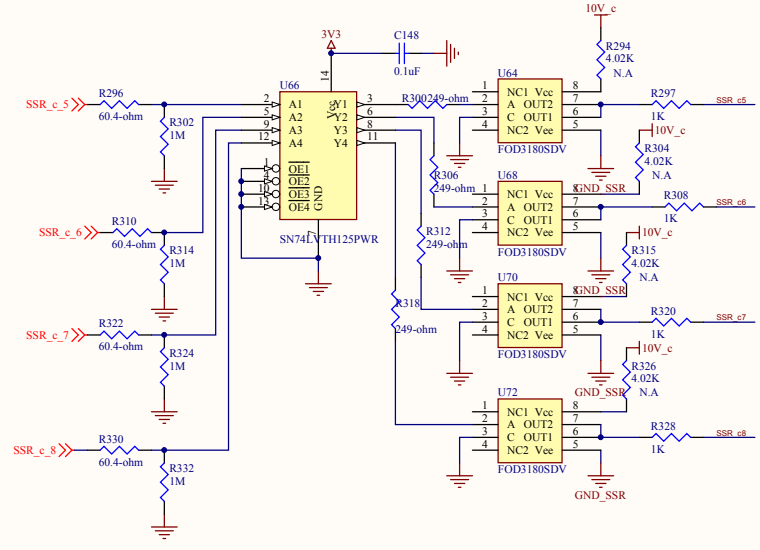
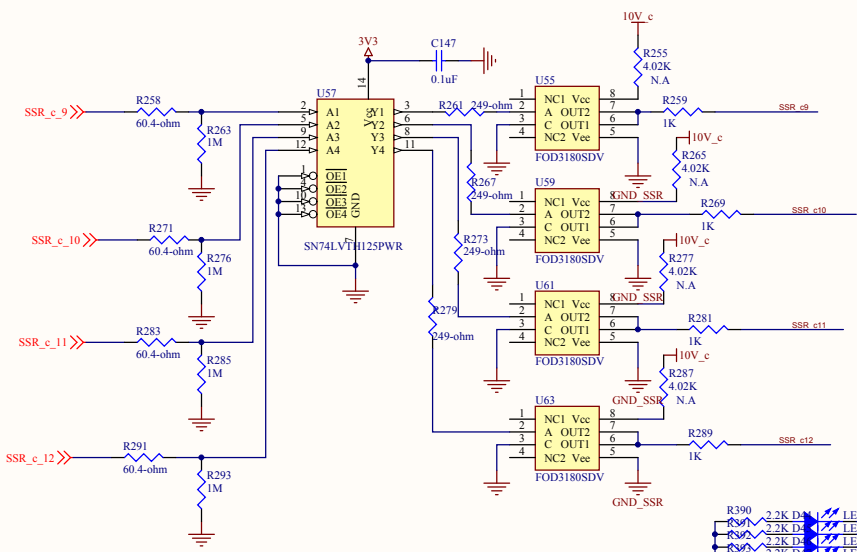
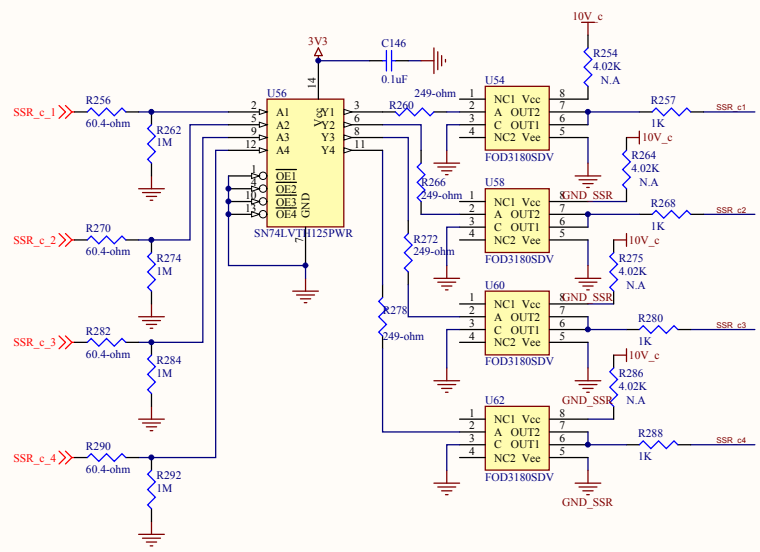


Landa Labs LTD.		
File current transformer		
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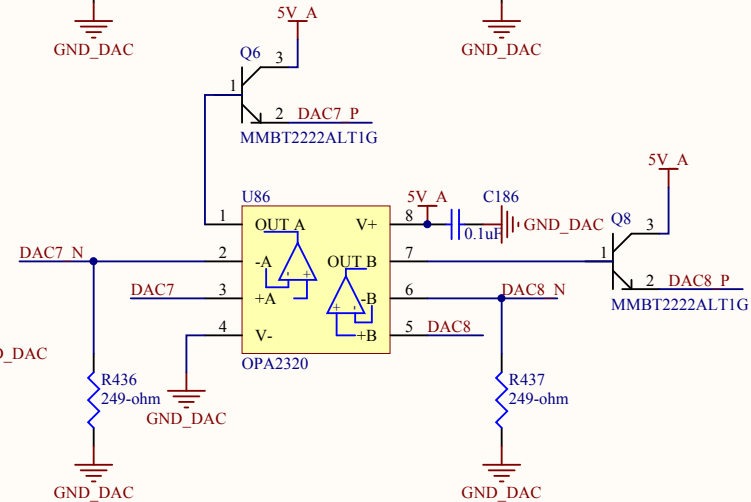
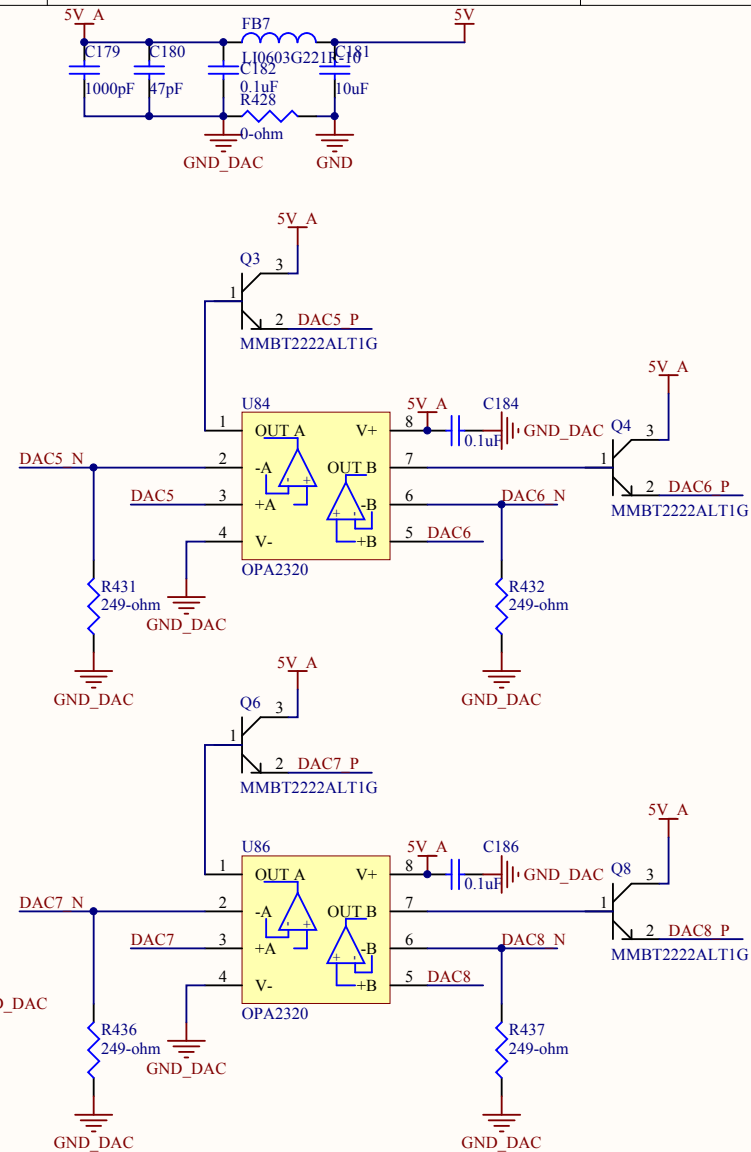
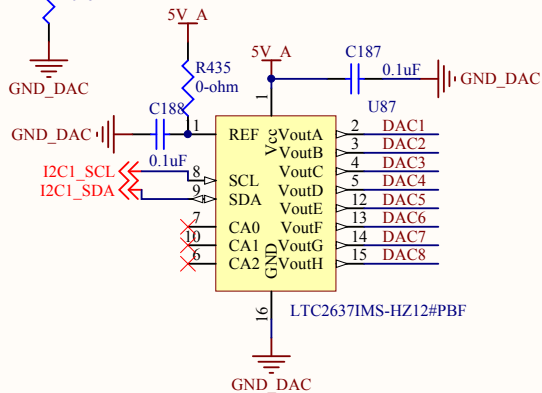
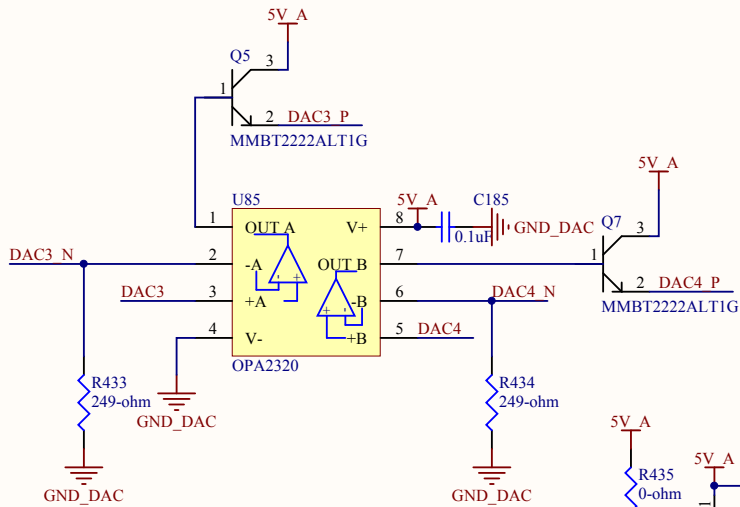
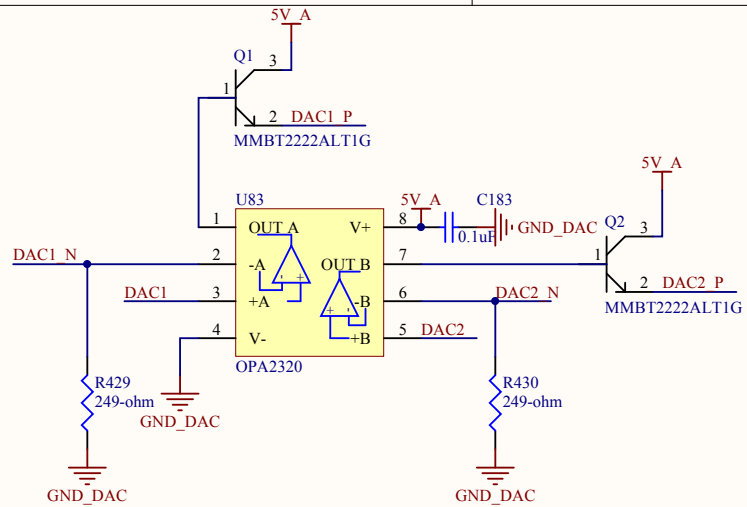




R390	2.2K D	LED Red 0603	SSR_c1	1
R391	2.2K D	LED Red 0603	SSR_c2	2
R392	2.2K D	LED Red 0603	SSR_c3	3
R393	2.2K D	LED Red 0603	SSR_c4	4
R394	2.2K D	LED Red 0603	SSR_c5	5
R395	2.2K D	LED Red 0603	SSR_c6	6
R396	2.2K D	LED Red 0603	SSR_c7	7
R397	2.2K D	LED Red 0603	SSR_c8	8
R398	2.2K D	LED Red 0603	SSR_c9	9
R399	2.2K D	LED Red 0603	SSR_c10	10
R400	2.2K D	LED Red 0603	SSR_c11	11
R401	2.2K D	LED Red 0603	SSR_c12	12
R402	2.2K D	LED Red 0603	SSR_c13	13
R403	2.2K D	LED Red 0603	SSR_c14	14
R404	2.2K D	LED Red 0603	SSR_c15	15
R405	2.2K D	LED Red 0603	SSR_c16	16
				17
				18

To SSR\_group 3

CONN HEADER 18

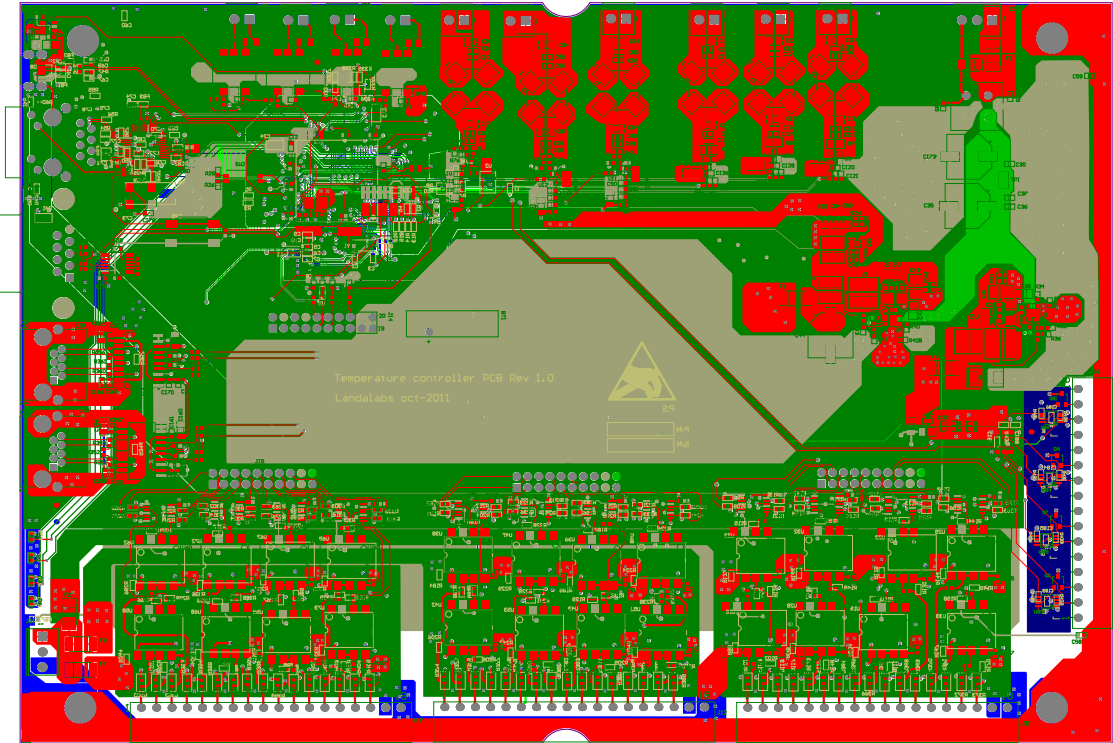


DAC1 P	1
DAC1 N	2
DAC2 P	3
DAC2 N	4
DAC3 P	5
DAC3 N	6
DAC4 P	7
DAC4 N	8
DAC5 P	9
DAC5 N	10
DAC6 P	11
DAC6 N	12
DAC7 P	13
DAC7 N	14
DAC8 P	15
DAC8 N	16

CONN HEADER 16



Title		
Size	Number	Revision
A4		
Date:	20/12/2011	Sheet of
File:	Z:\Shared Documents\DAC.SchDoc	Drawn By:



Layer Stack Up Detail for: Temperature controller\_VI\_0\_PcbDoc

Layer Name
Top Layer
UCC
signal1
signal2
GND
Bottom Layer

NC Drill File Report For: Temperature controller\_VI\_0\_PcbDoc: 25/10/2011 19:54:37

Layer Pair - Top Layer to Bottom Layer					
ASCH (rounds) Pk: Temperature controller_VI_0_PcbDoc.dxf					
ASCH (rounds) Pk: Temperature controller_VI_0_PcbDoc.dxf					
Tool	High Size	High Type	High Count	Round	Total Travel
T1	10mm (0.254mm)	Round	50	27.53 inch (699.32 mm)	
T2	12mm (0.3048mm)	Round	952	192.28 inch (4883.24 mm)	
T3	10mm (0.3048mm)	Round	136	95.89 inch (2434.47 mm)	
T4	10mm (0.3048mm)	S&L	4	287.66 inch (7306.13 mm)	
T5	10.4mm (0.26416mm)	Round	2	5.45 inch (13.97 mm)	
T6	40mm (1.269mm)	Round	28	5.21 inch (132.66 mm)	
T7	40.3mm (1.0089mm)	Round	9	5.88 inch (149.55 mm)	
T8	40.3mm (1.0089mm)	Round	86	23.65 inch (599.28 mm)	
T9	40.3mm (1.0089mm)	Round	70	10.91 inch (277.23 mm)	
T10	50mm (1.269mm)	Round	26	12.95 inch (329.03 mm)	
T11	40mm (1.0089mm)	Round	2	0.68 inch (17.27 mm)	
T12	40mm (1.2722mm)	Round	4	1.42 inch (36.05 mm)	
T13	10.3mm (0.2602mm)	Round	2	0.98 inch (25.02 mm)	
T14	10mm (0.254mm)	Round	6	3.27 inch (83.32 mm)	
T15	12.5mm (0.315mm)	Round	4	26.11 inch (663.58 mm)	
Totals			1381	653.37 inch (16595.58 mm)	
Total Processing Time (minutes): 00:00:01					

Gerber File Extension Report For: Temperature controller\_VI\_0\_PcbDoc: 25/10/2011 20:08:42

Layer Extension	Layer Description
.GTL	Top Layer
.G1	VCC
.G2	signal1
.G3	signal2
.G4	GND
.GBL	Bottom Layer
.GB1	Bottom Pad Master
.GB2	Top Pad Master
.GTO	Top Overlay
.GTP	Top Paste
.G16	Top Solder
.GB5	Bottom Solder
.GBP	Bottom Paste
.GB2	Bottom Overlay
.GAB1	Mechanical 1
.GAB4	Mechanical 4
.GAB16	Mechanical 16
.GAB2	Keep-Out Layer
.GDI1	DIM Drawing
.GDI1	DIM Guide