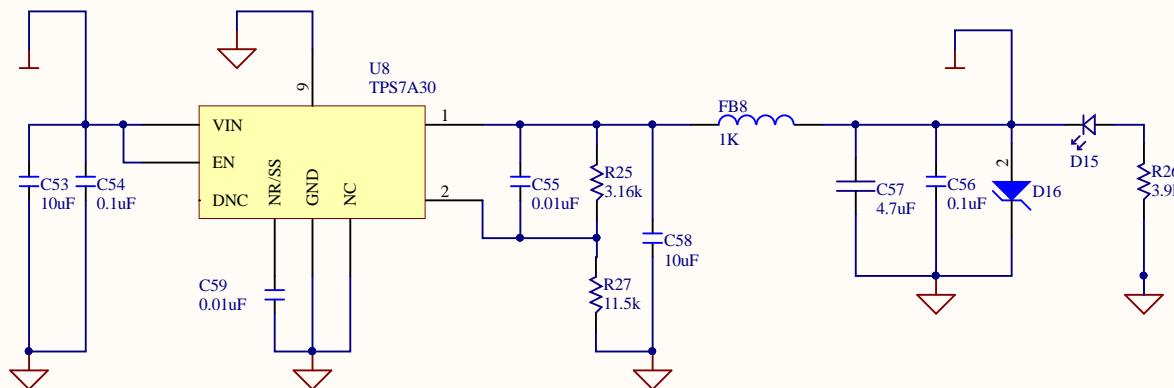
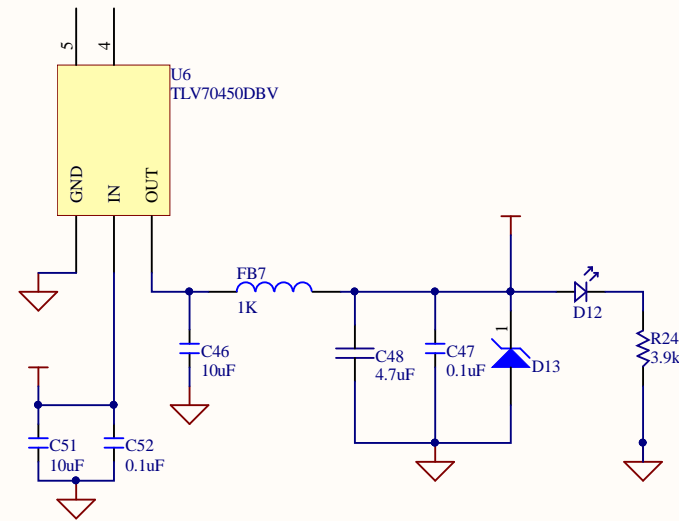
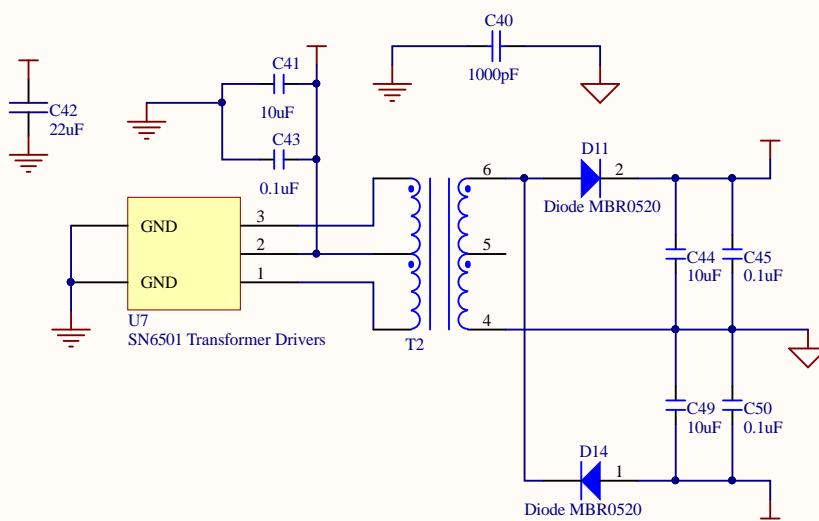
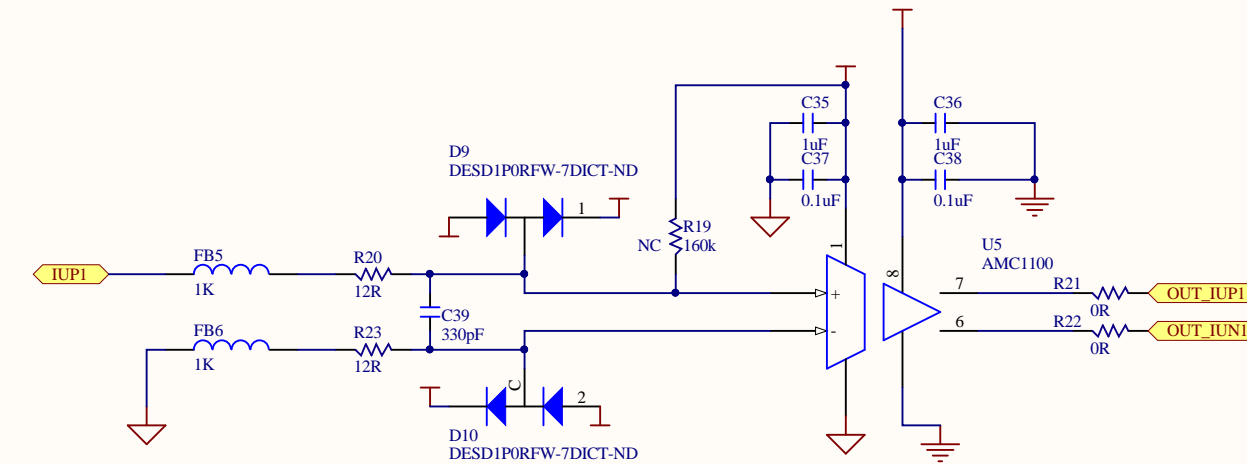


Inductor Current Sensors

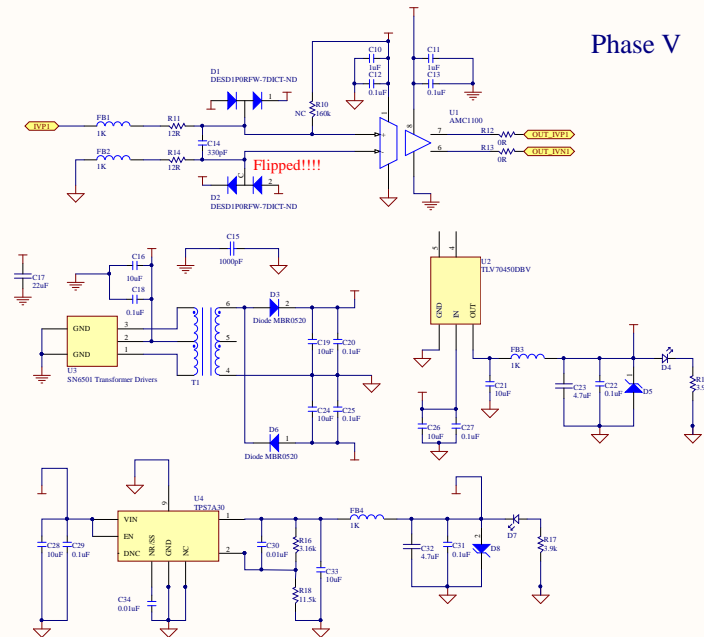
Phase U

Rsh = 20m
Opamp Gain = 8
Vout_max = +-1.5V
Maximum current = +- 9.375A

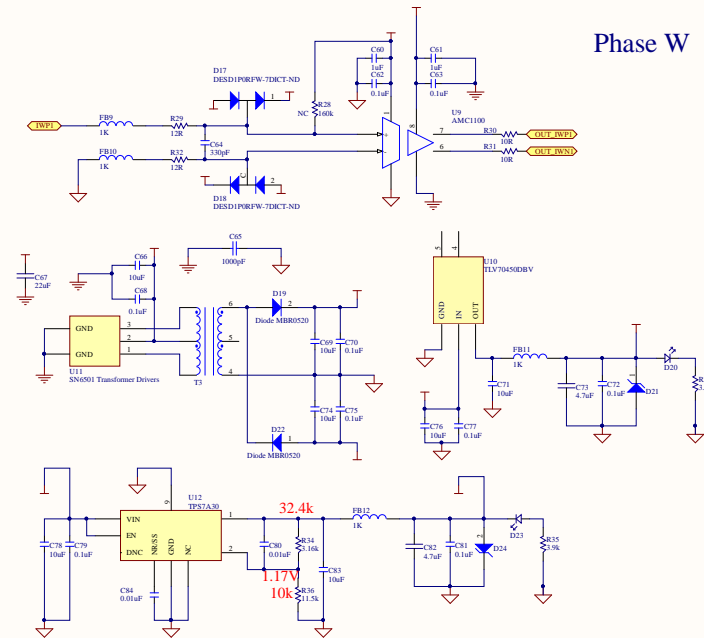


Title		
Size	Number	Revision
Letter		
Date:	12/1/2018	Sheet of
File:	C:\Users\...\Ind_current_sensor_U.SchDoc	Drawn By:

Phase V



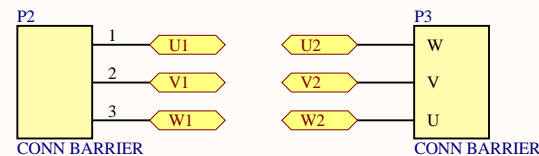
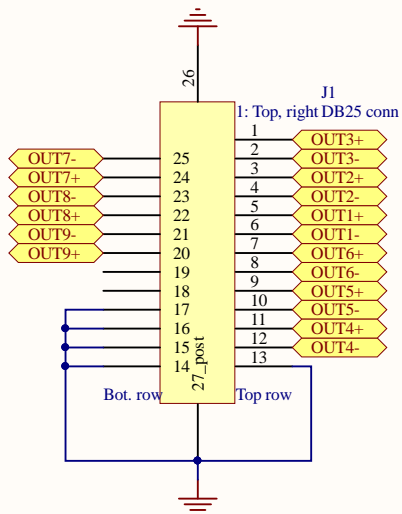
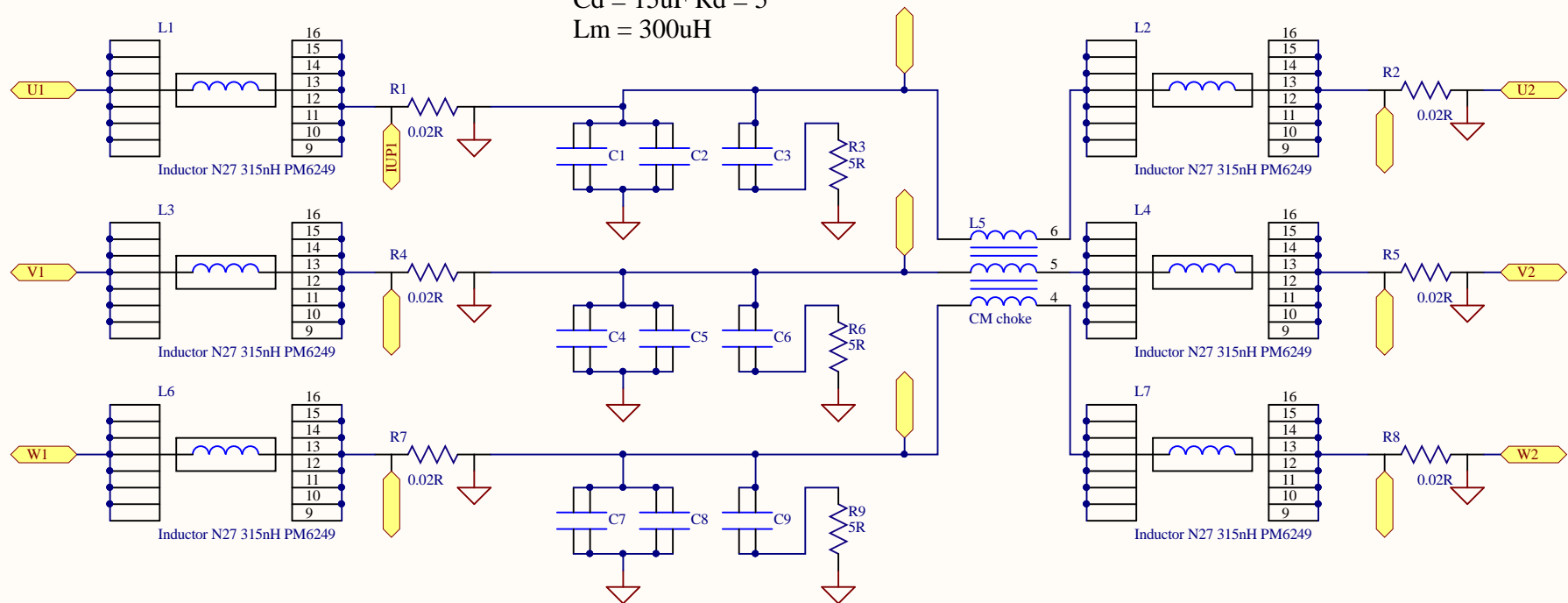
Phase W



Title		
Size	Number	Revision
Letter		
Date:	12/1/2018	Sheet of
File:	C:\Users\joh\Documents\WV5\1\1\Rev1\Rev1.B1	

LCL Filter

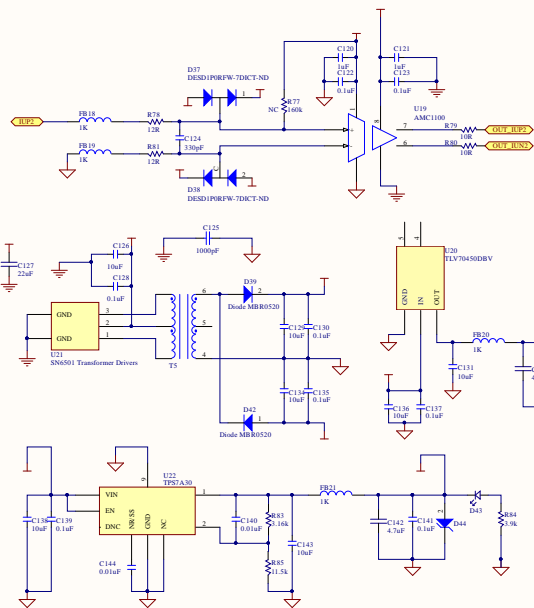
$L_f = 750\mu\text{H}$
 $C_f = 30\mu\text{F}$
 $C_d = 15\mu\text{F}$ $R_d = 5$
 $L_m = 300\mu\text{H}$



Bugs:

1. Caps are too wide and they wont fit.
2. Inductor boobins are too big should keep some spaces between them and shunt resistance.
3. Mechanical holes for mounting
4. Texting for output currents

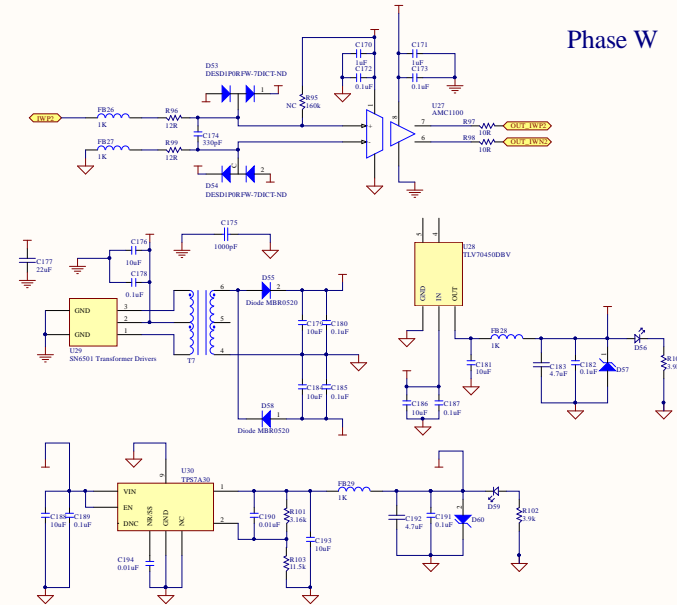
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Letter		
Date:	12/1/2018	Sheet of
File:	C:\Users\...\LCL.SchDoc	Drawn By:



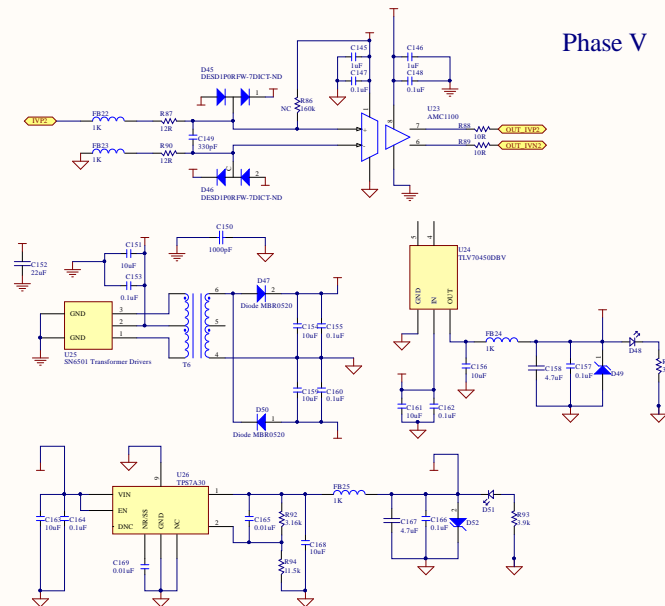
Output Current Sensors

Phase U

R_{th} = 20m
Opamp Gain = 8
V_{out_max} = +1.5V
Maximum current = +- 9.375A

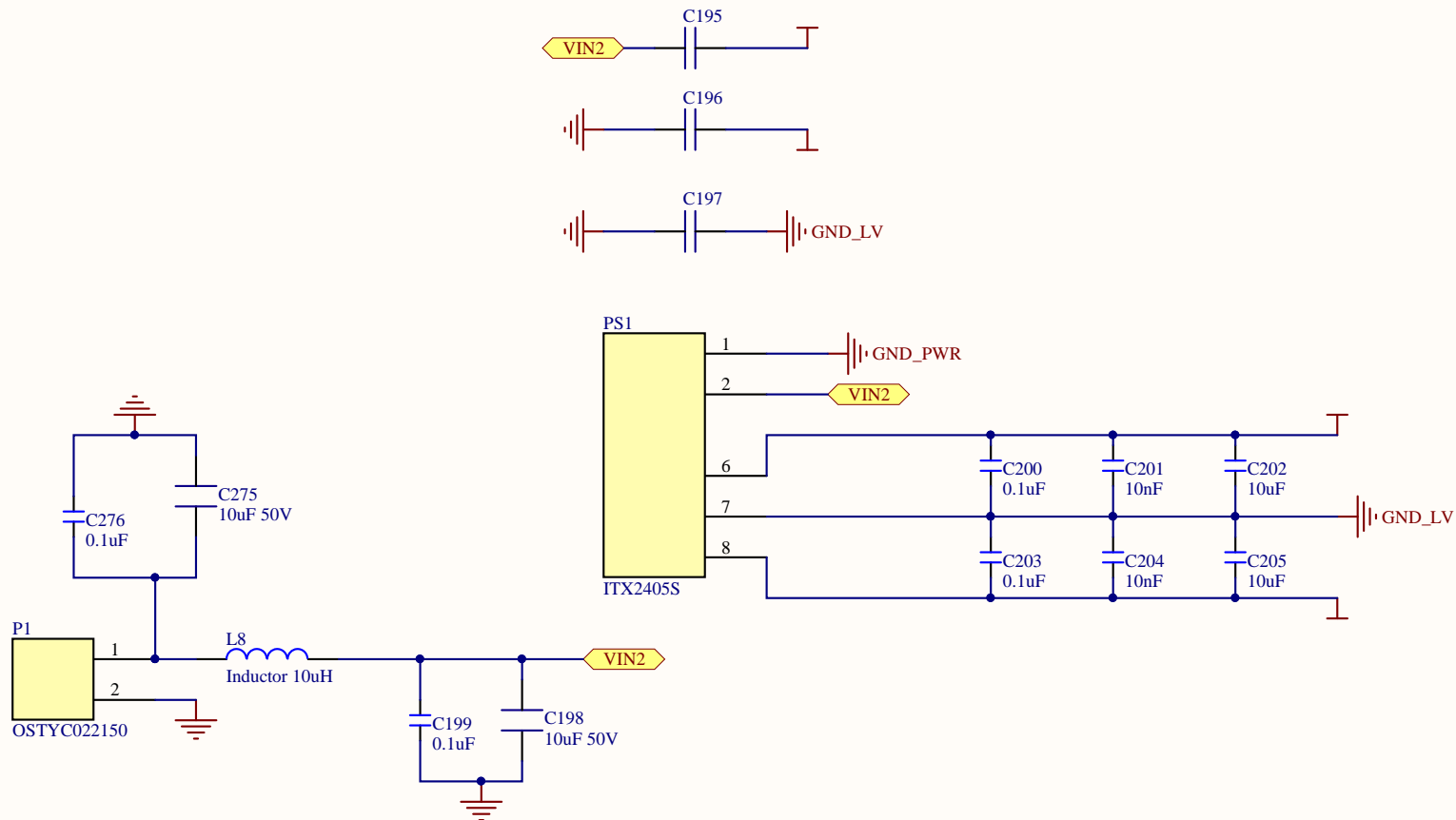


Phase W



Phase V

Title			
Size	Number	Revision	
A			
Date	13/1/2013	Drawn by	
File	C:\Users\Ola\Documents\Source\UFW\SC\Rev1.DWG		



Title		
Size A	Number	Revision
Date:	12/1/2018	Sheet of
File:	C:\Users\...\Power Supply.SchDoc	Drawn By:

