

DC-AC BOOST CONVERTER

FILE:DC-AC.sch

SHEET:AC-DC_FB_ERROR amp

RECTIFIER AND FEEDBACK

FILE:AC-DC_FB_ERROR amp.sch

SHEET:POWER SUPPLY

POWER SUPPLY

FILE:POWER SUPPLY.sch

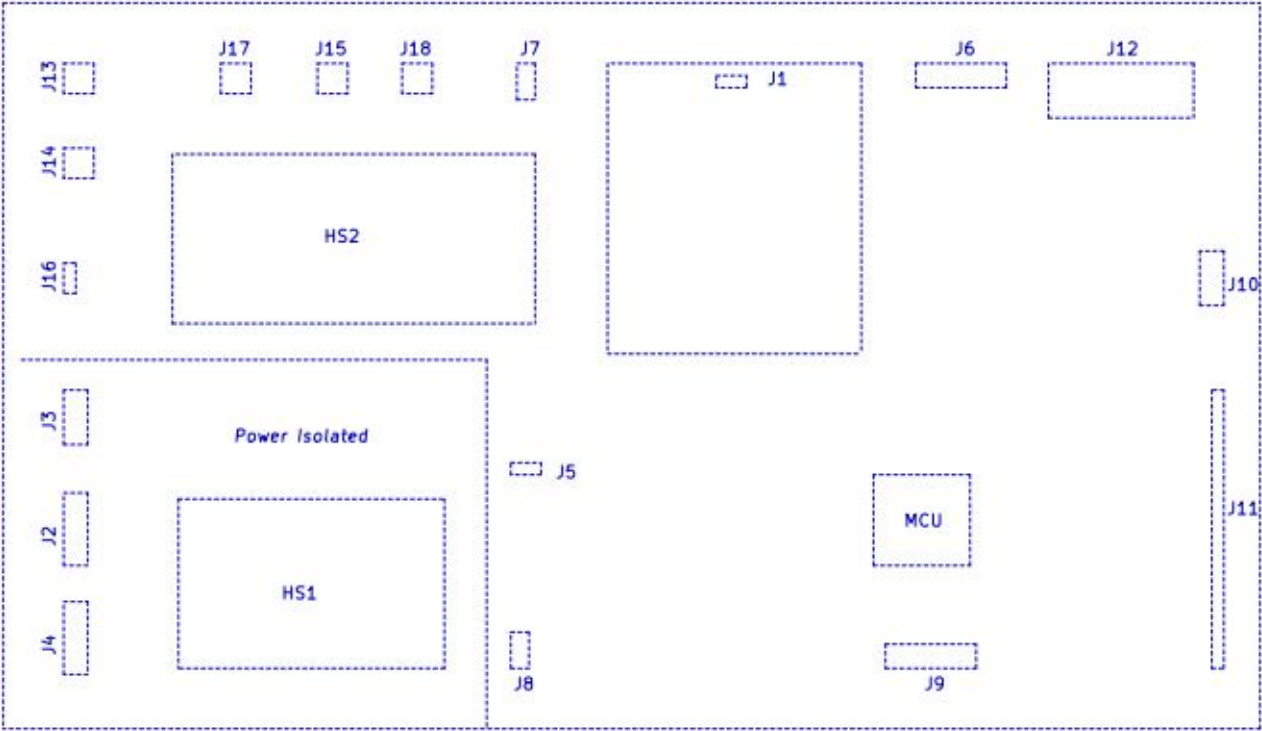
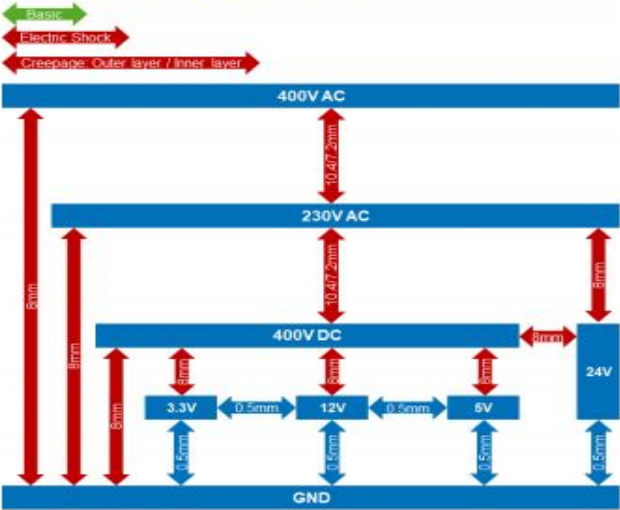
SHEET:DIGITAL CONTROLS

CONTROL UNIT

FILE:DIGITAL CONTROLS.sch

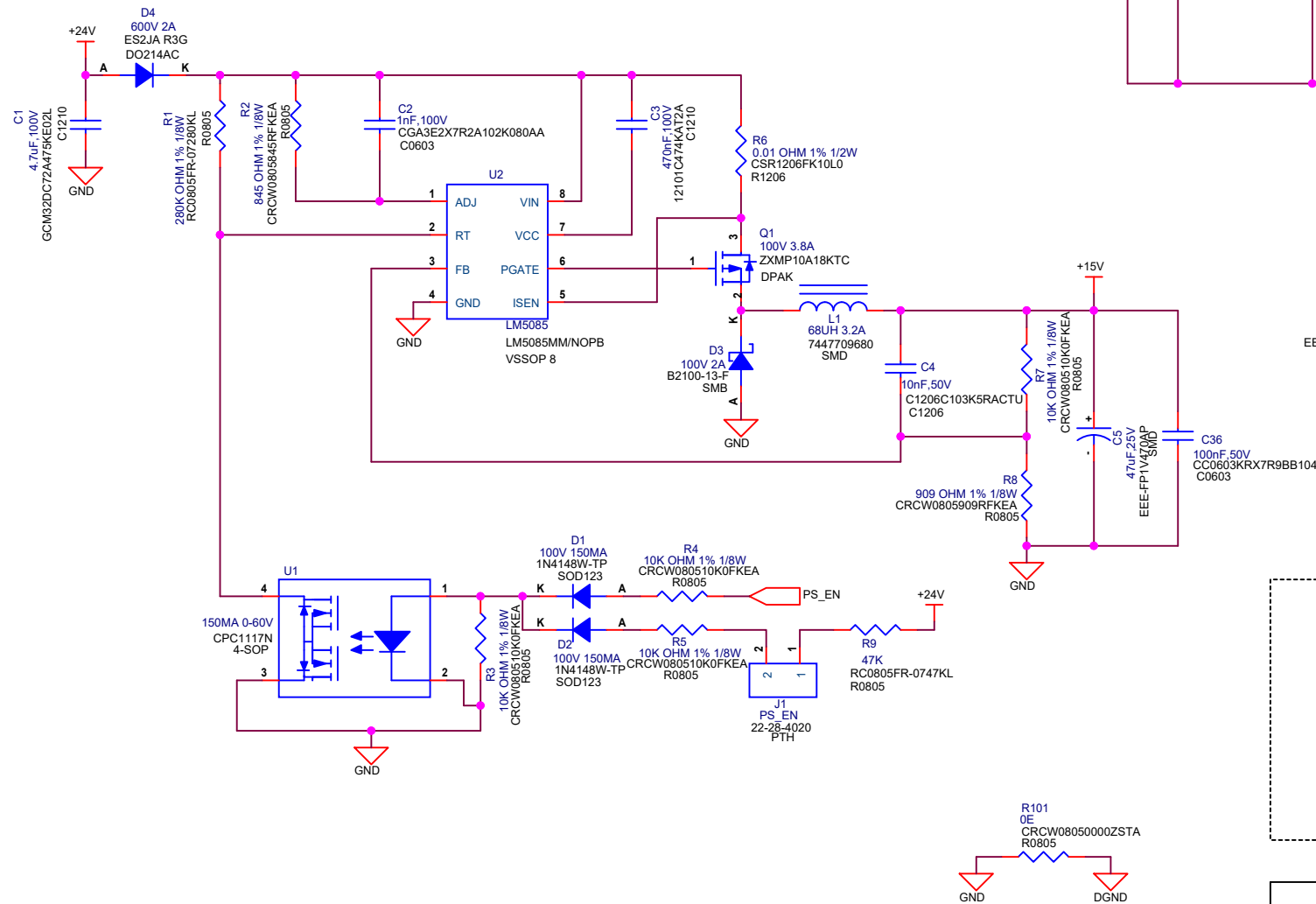
NOTE:-
J14,15,16,17,18- 80A trace
J2,4- 10A trace

CLEARANCES AND CREEPAGE DISTANCES

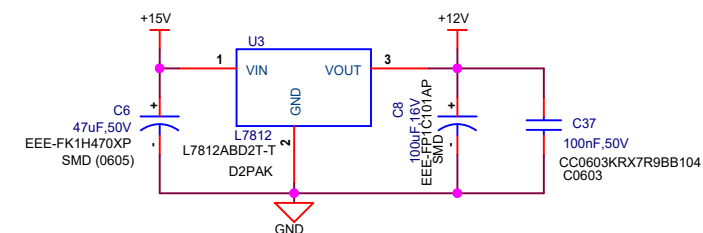
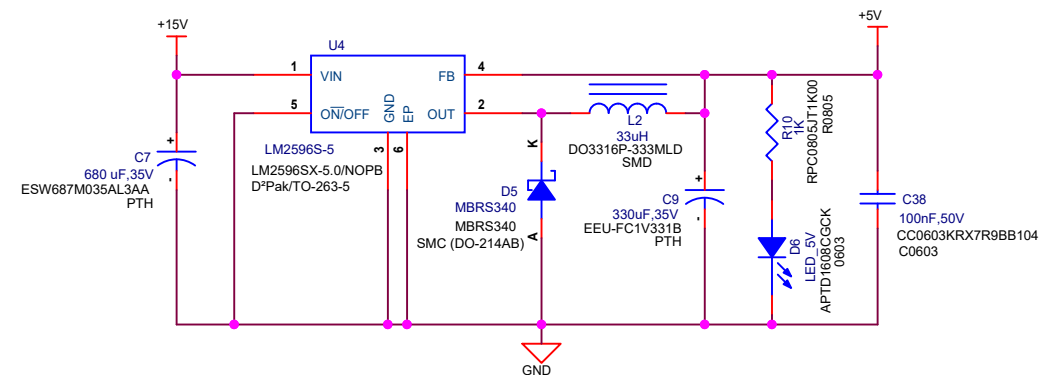


Design clearance/Trace width	standard
Trace to Trace	8 Mil
Trace to Via	8 Mil
Trace to shapes	8 Mil
Shape to shape clearacne	8 Mil
Trace to Thru pin and SMD pin	8 Mil
Board Edge to all	8 Mil
Thru via to Thru via	15Mil (Connector should be 3 mm clearence)
Drill to drill	8 Mil
Drill to trace	10mil
Mask to Mask (Dam)	8 mil
Mask to copper	3 mil
Footprint to Footprint clearnce	3 mil
Min trace width	10mil
Drill toleracne PTH	8 mil
Drill toleracne NPTH	+/- 3mil
VIA Size	+/- 3mil
For Mounting holes,fixing Holes need to provide 11 mm cle	12*24mil

File : DC-DC_Ver1p0.sch		
Title DC-DC with RCU		
Size A4	Document Number <Doc>	Rev 1
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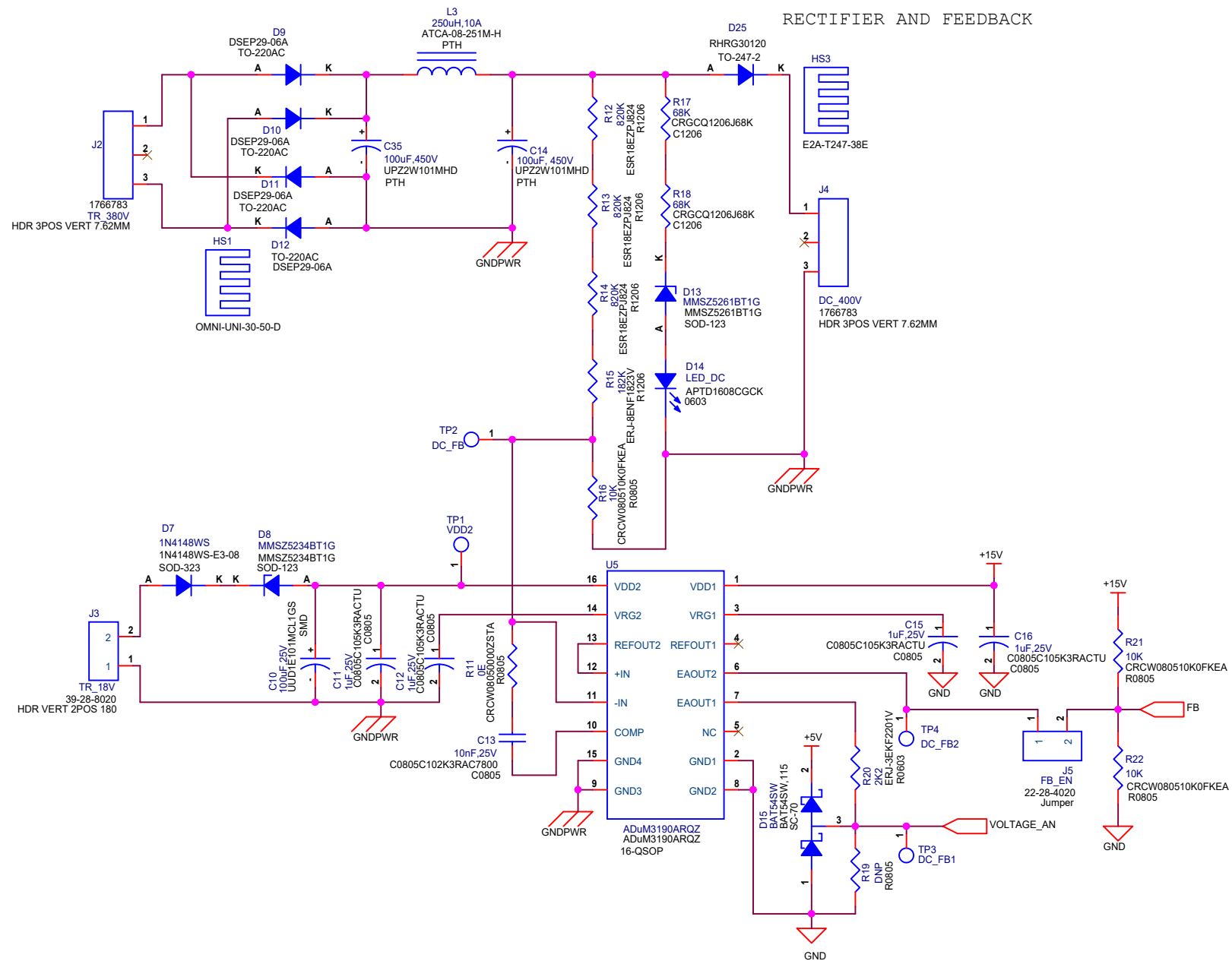
POWER SUPPLY



MECHANICAL COMPONENTS



File : Power Supply.sch		
Title		
DC-DC with RCU		
Size	Document Number	Rev
A4	<Doc>	1
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File :AC-DC_FB_Error amp.sch

Title
DC-DC with RCU

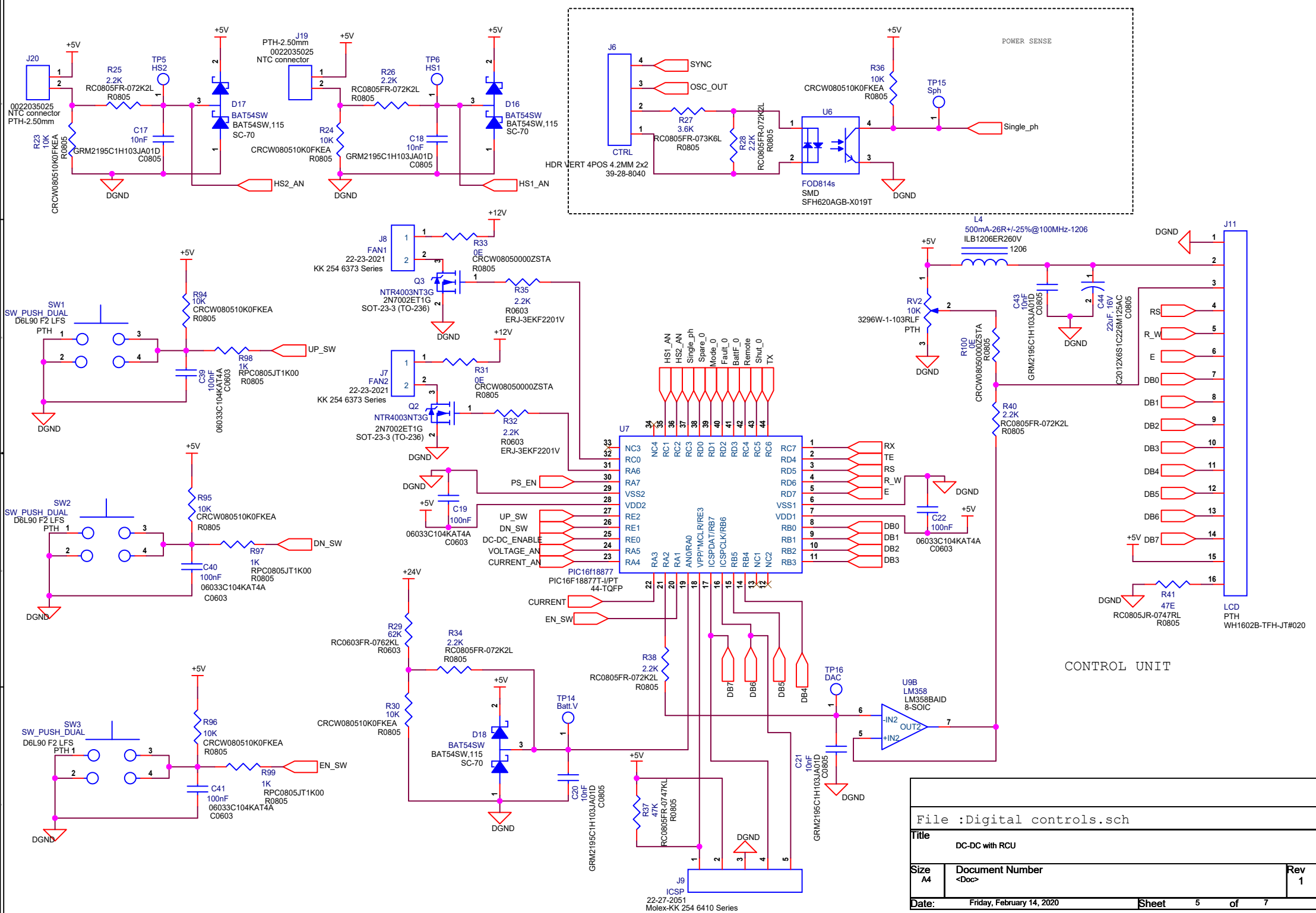
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A4

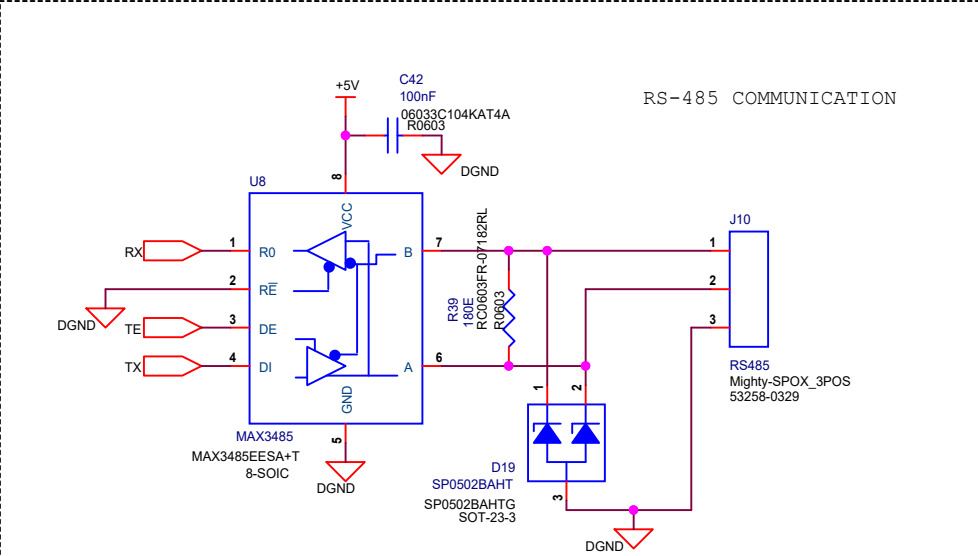
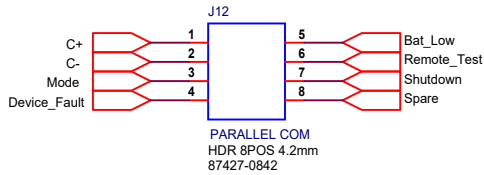
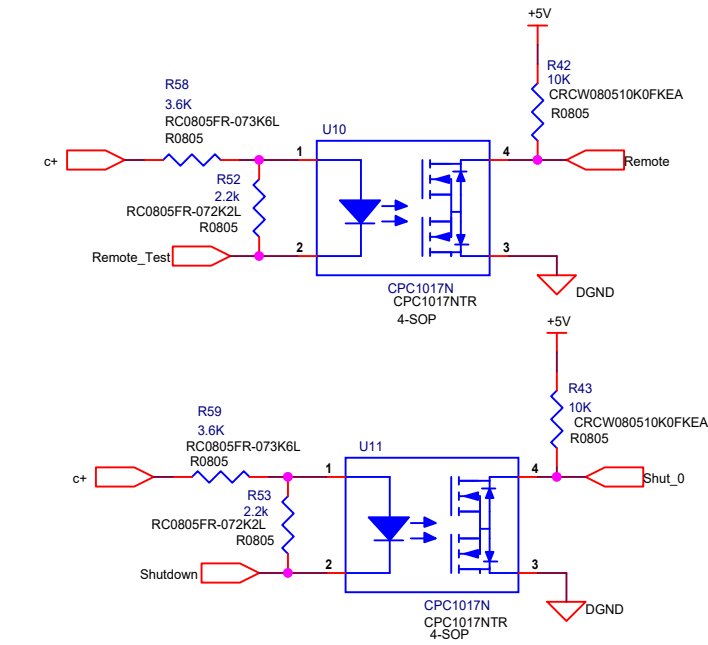
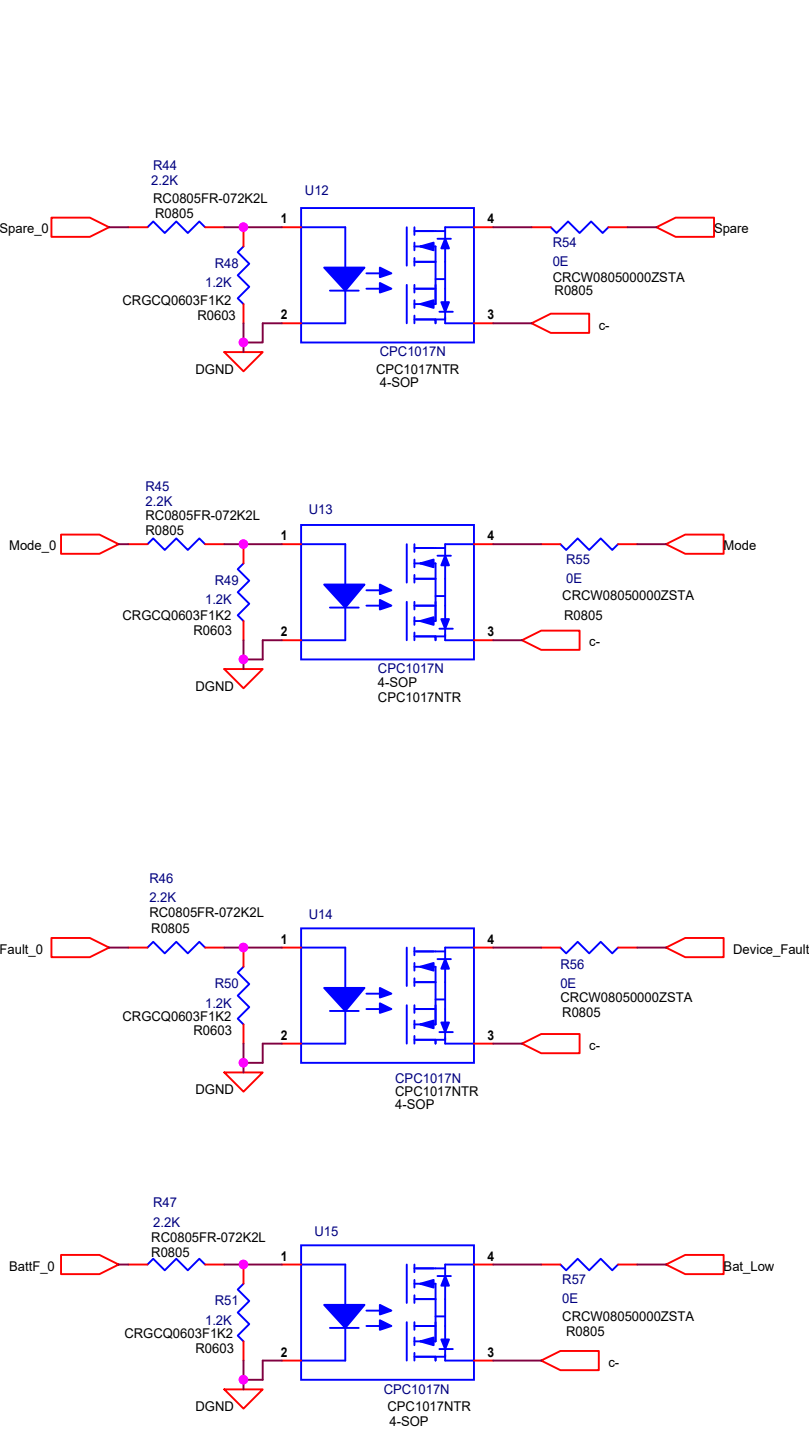
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Rev
1

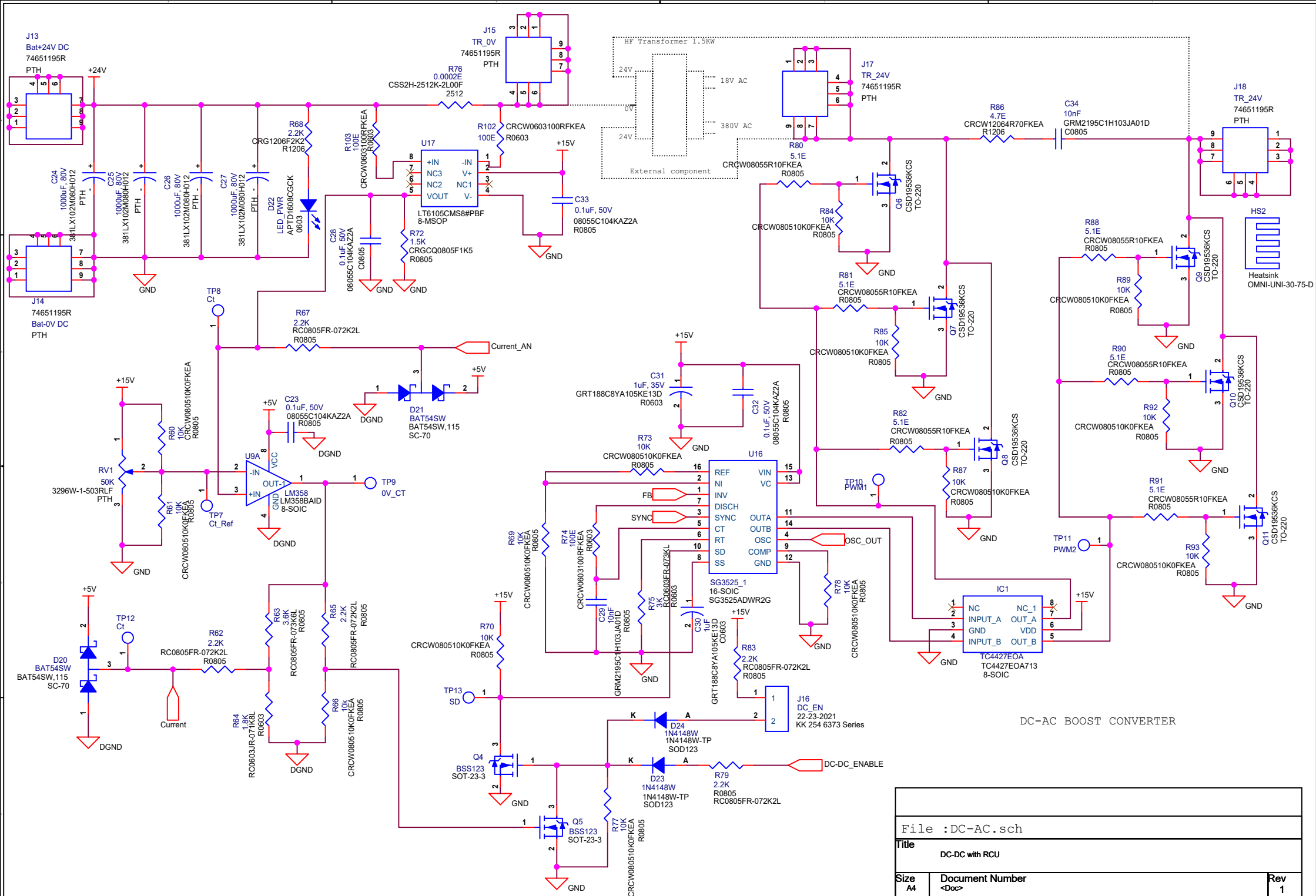
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File :Digital controls.sch		
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