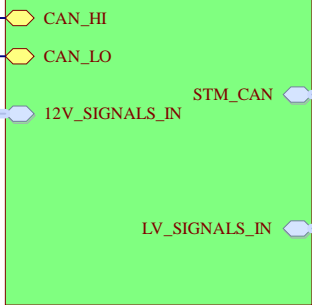


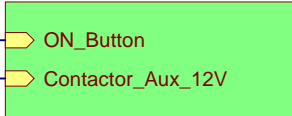
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Header.SchDoc



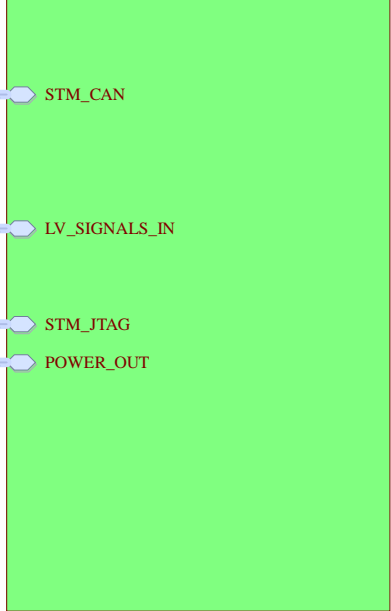
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Input_Signals.SchDoc



U_Power
Power.SchDoc



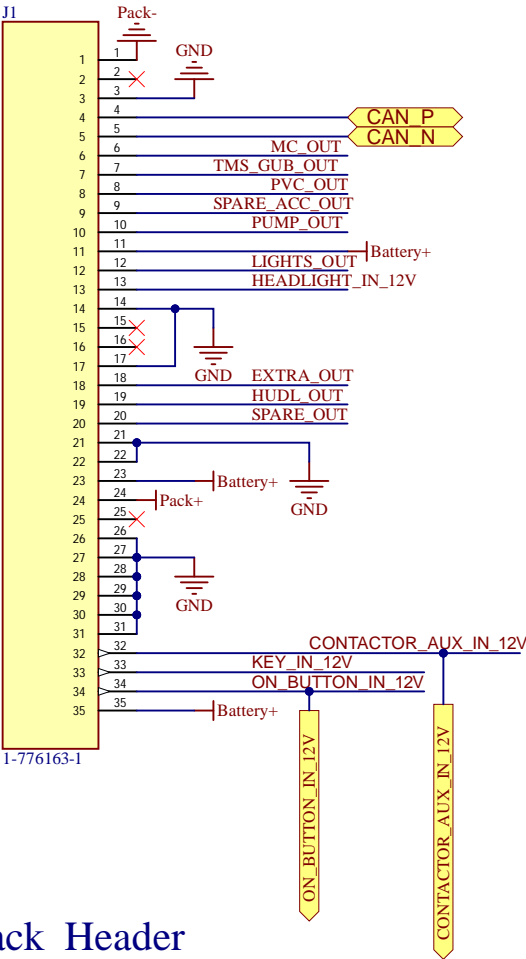
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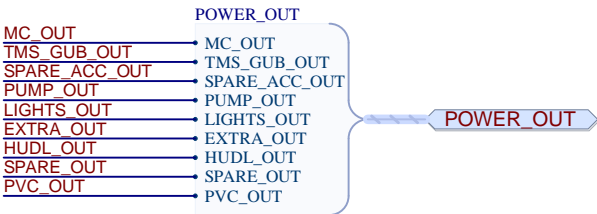
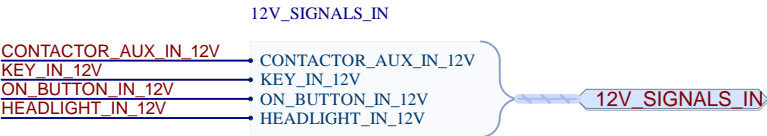
^A The 12V_Main line is an output from the power block. Use this for anything in the sheet that needs 12V as it is after the tieoff of the small battery and the full pack

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				Sheet 1	of 8
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Main Header

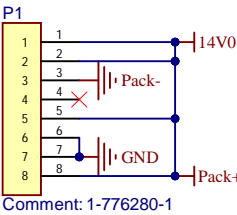


12V0 line comes from PVC, passes through fuse, then is fed back to PVC



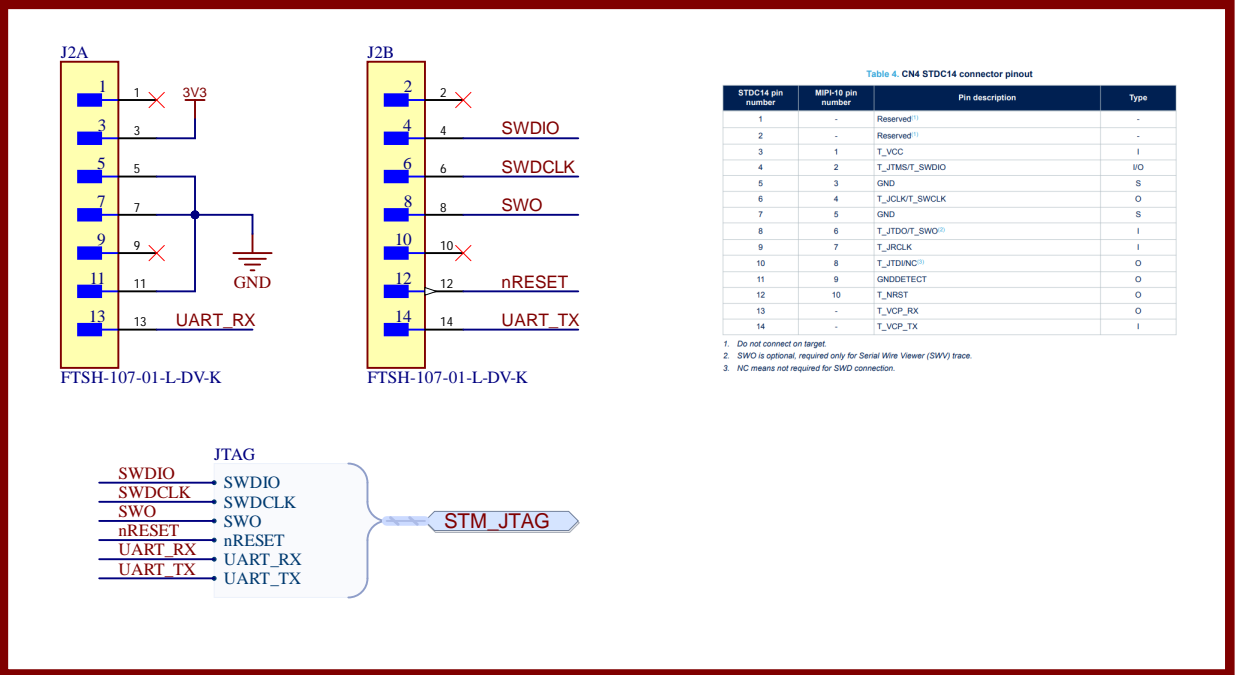
Pack Header

EVT standardized power port

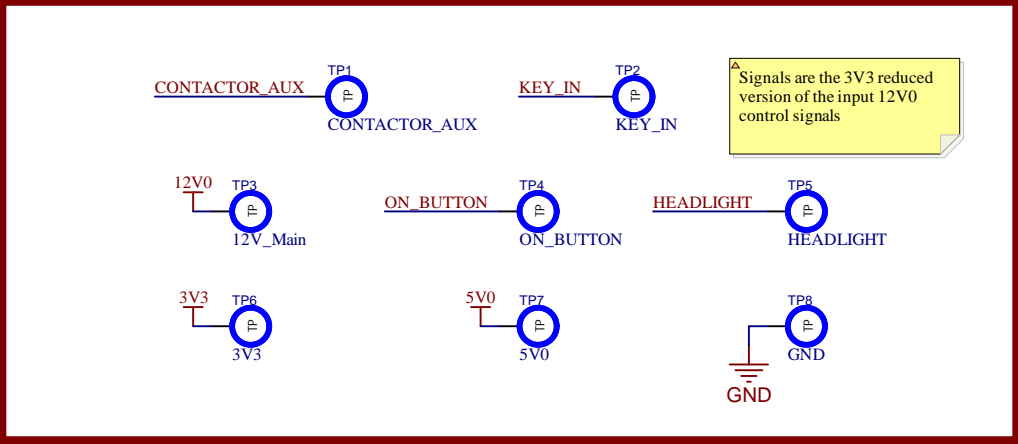


- 14V0 is the voltage from the DC:DC from the main pack
- Battery+ is the smaller battery

JTAG



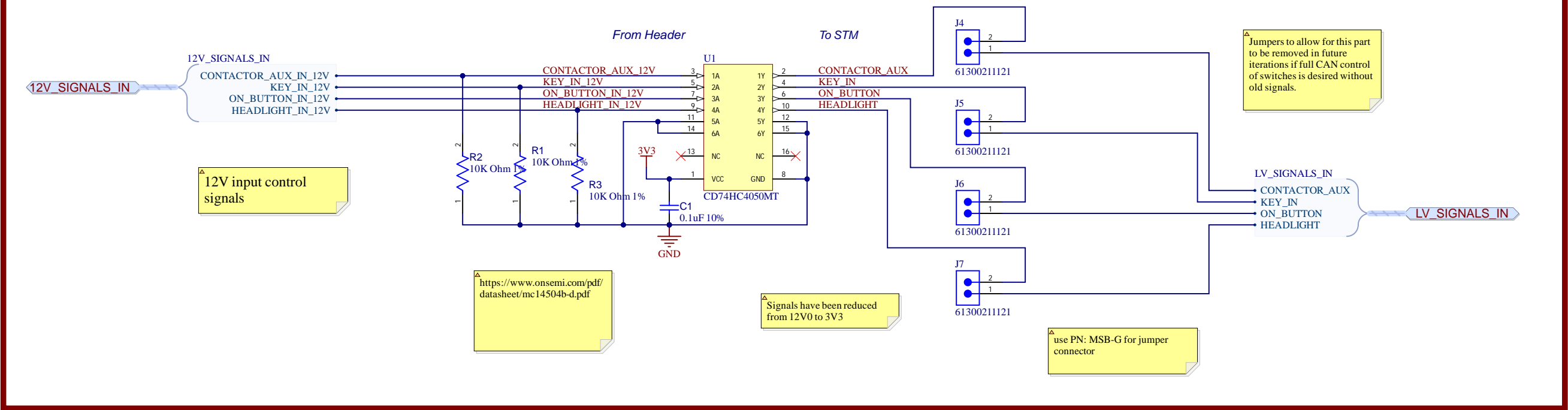
Test Points



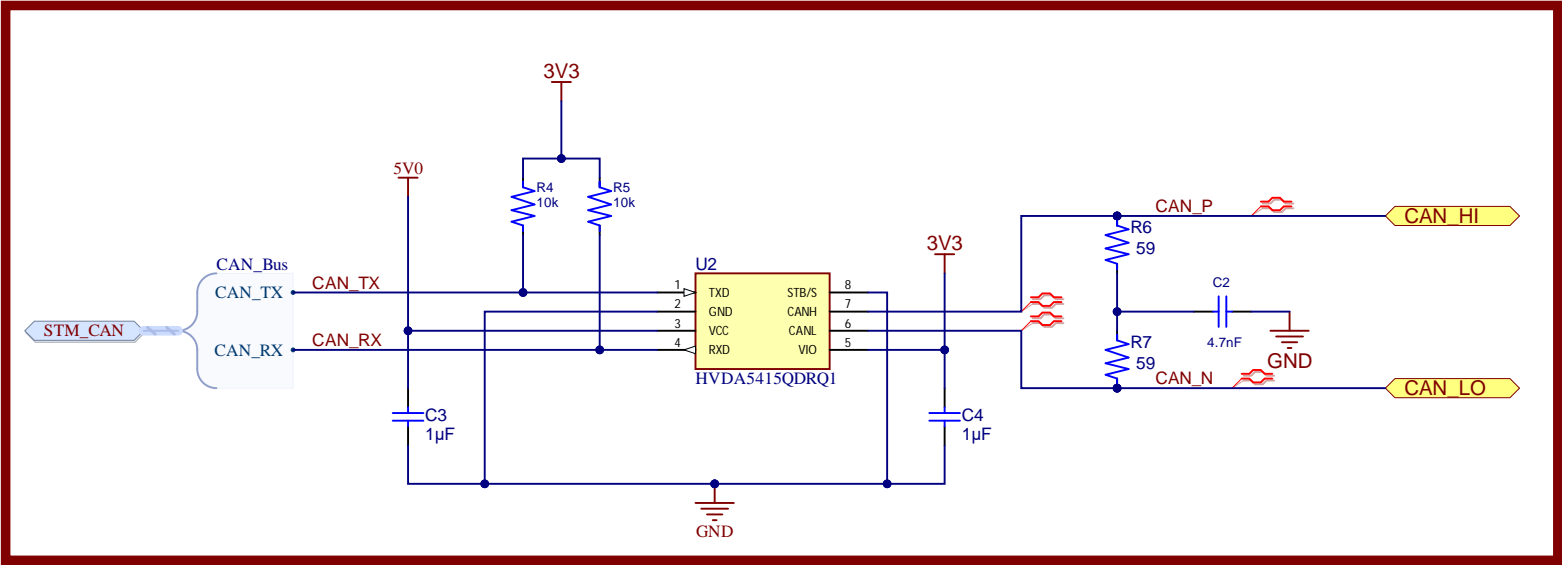
check if there is a preference for test point styles

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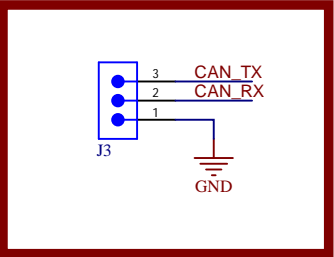
12V to 3.3V Signal



CAN Transceiver



CAN Header



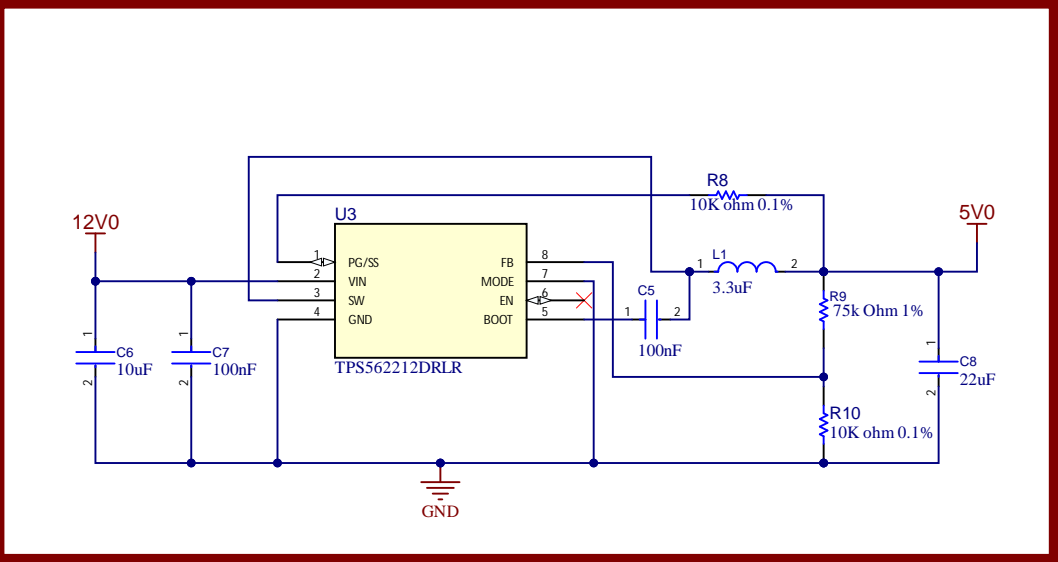
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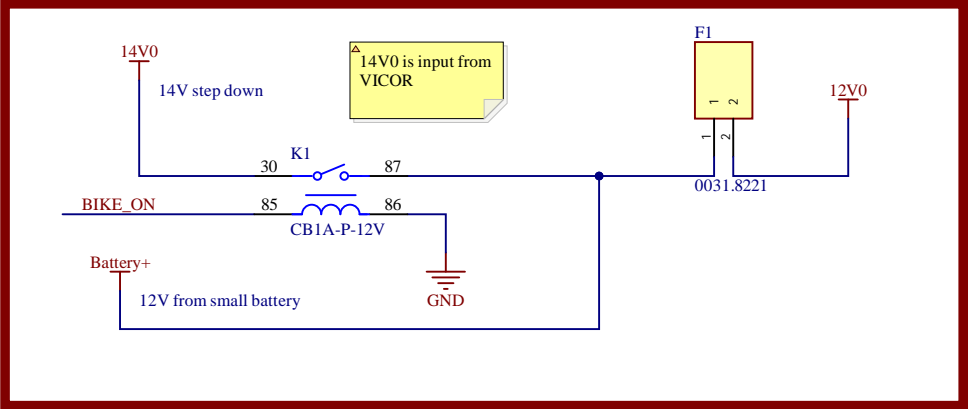
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SCALE Sheet 4 of 8		
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12V to 5V

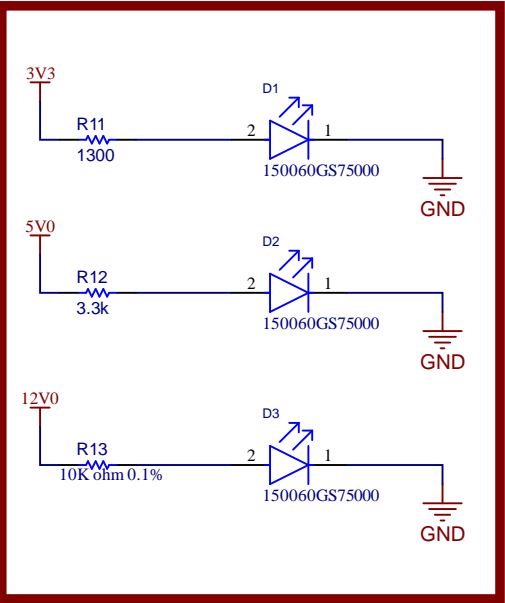


Power Supply Circuitry

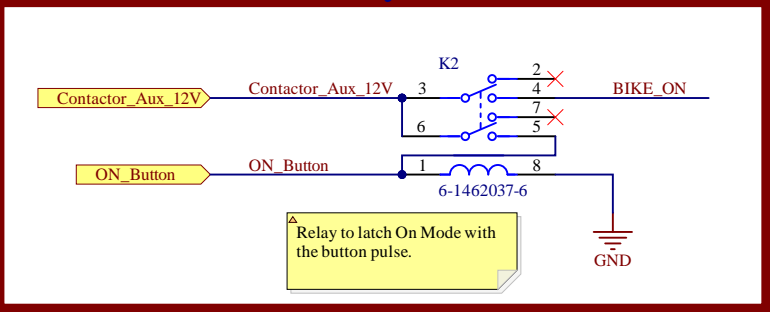


This will be used on the design for any system using 12V. Needs to be after the tieoff point and fuse so that the rail can be powered by either the battery or the step down from the main pack

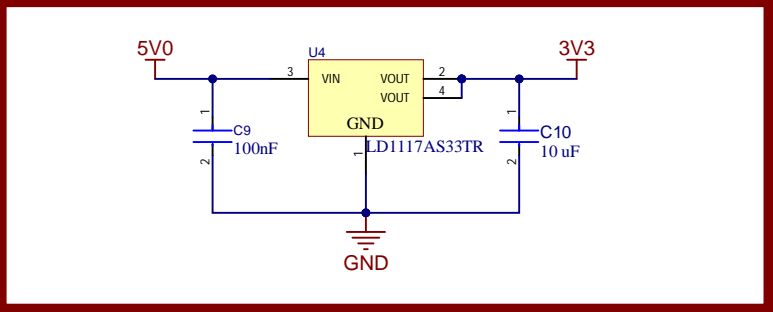
Power Indicator LEDs



On Button Latch Relay



5V to 3.3V



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TITLE:

DEV1_APDB_V2_0.PrjPcb
Power.SchDoc

CAD SOFTWARE:

Altium Designer

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DIMENSIONS
ARE IN INCHES

DWG SIZE

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DRAWING NO.

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REV

x1

SCALE

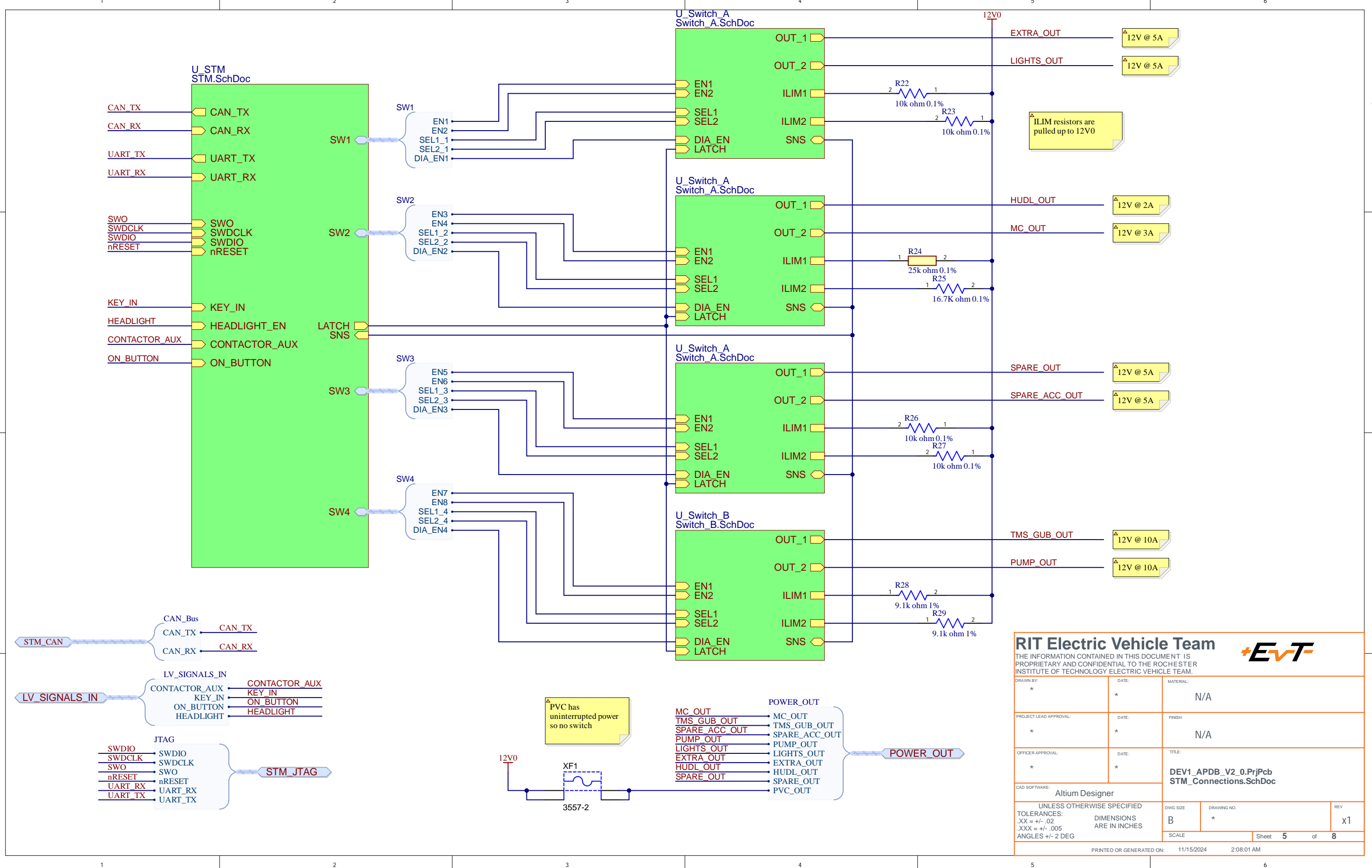
Sheet 3 of 8

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TITLE:
DEV1_APDB_V2_0.PrjPcb
STM_Connections.SchDoc

CAD SOFTWARE:
Altium Designer

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.XX = +/- .02
.XXX = +/- .005
ANGLES +/- 2 DEG

DIMENSIONS
ARE IN INCHES

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REV
x1

SCALE

Sheet 5 of 8

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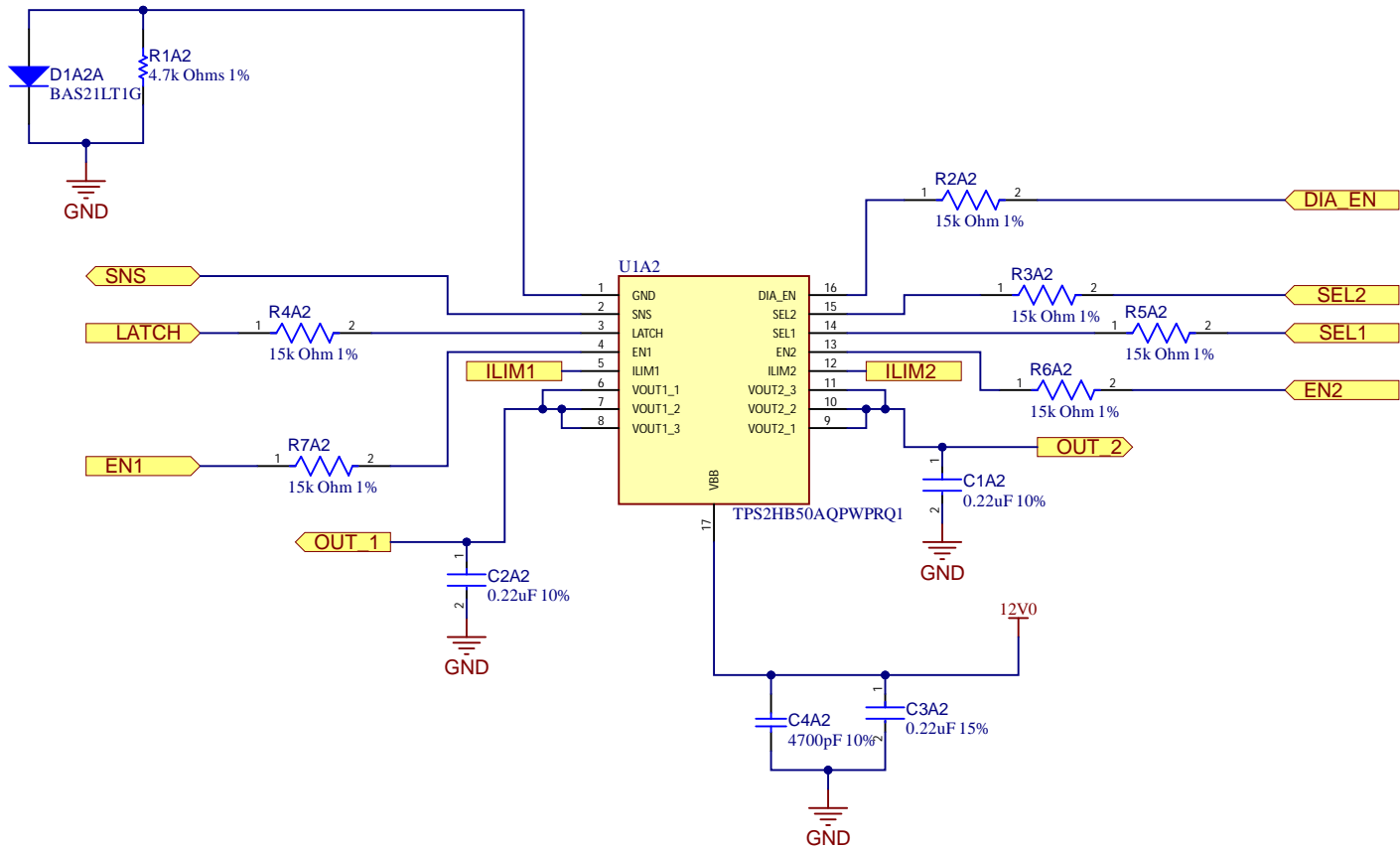


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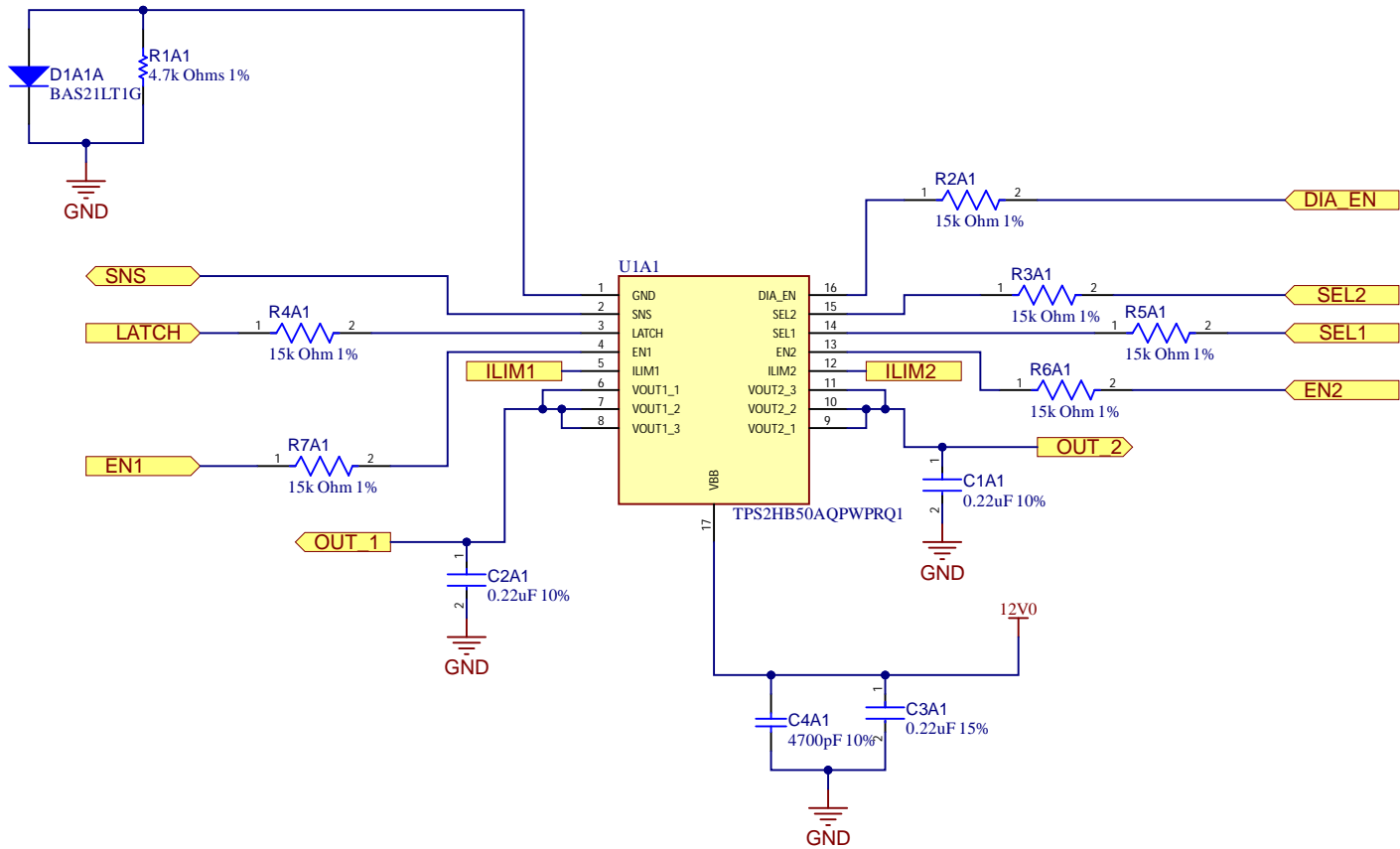


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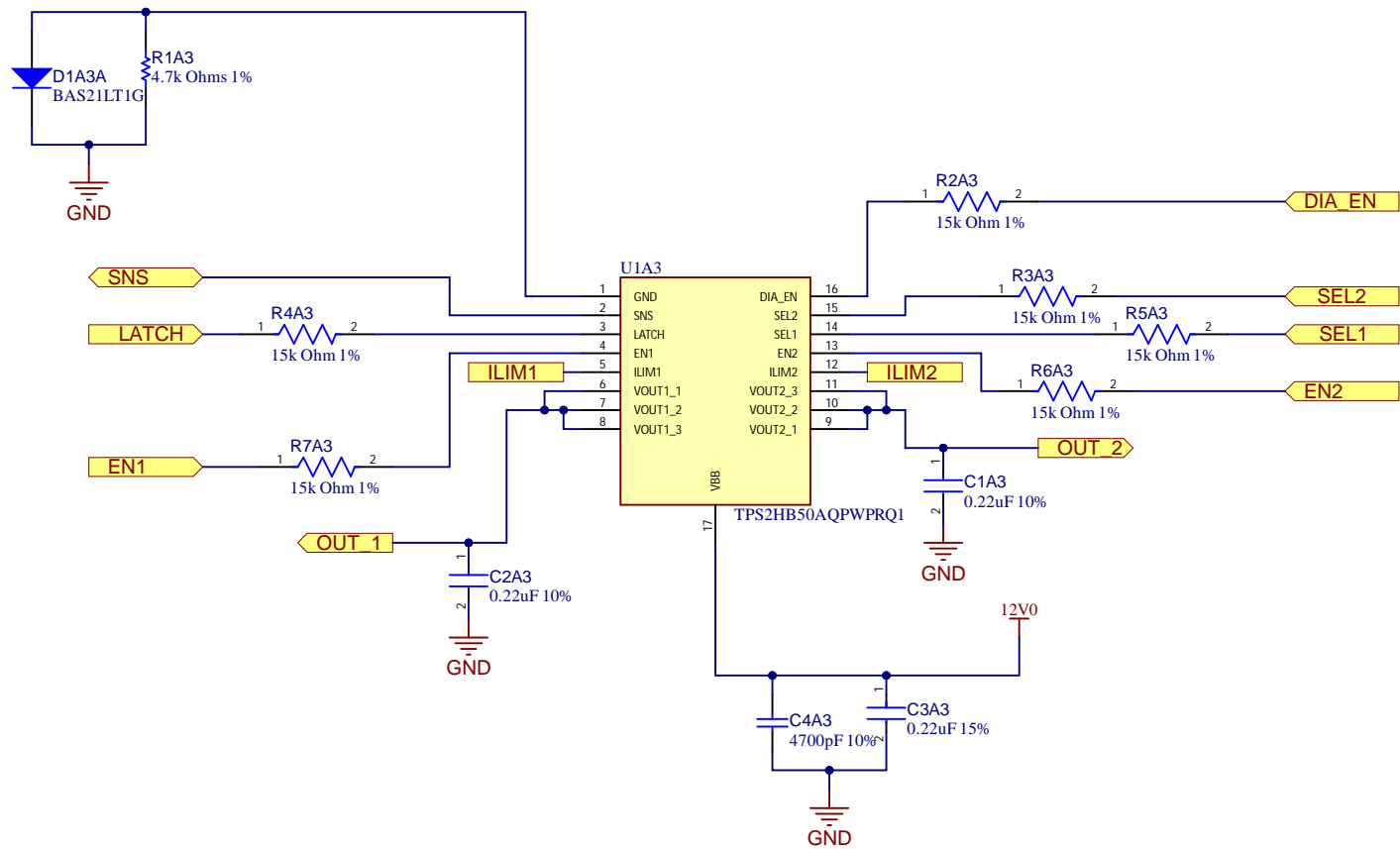
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TITLE:

DEV1_APDB_V2_0.PrjPcb
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CAD SOFTWARE:

Altium Designer

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DWG SIZE
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DRAWING NO.
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REV
x1

SCALE

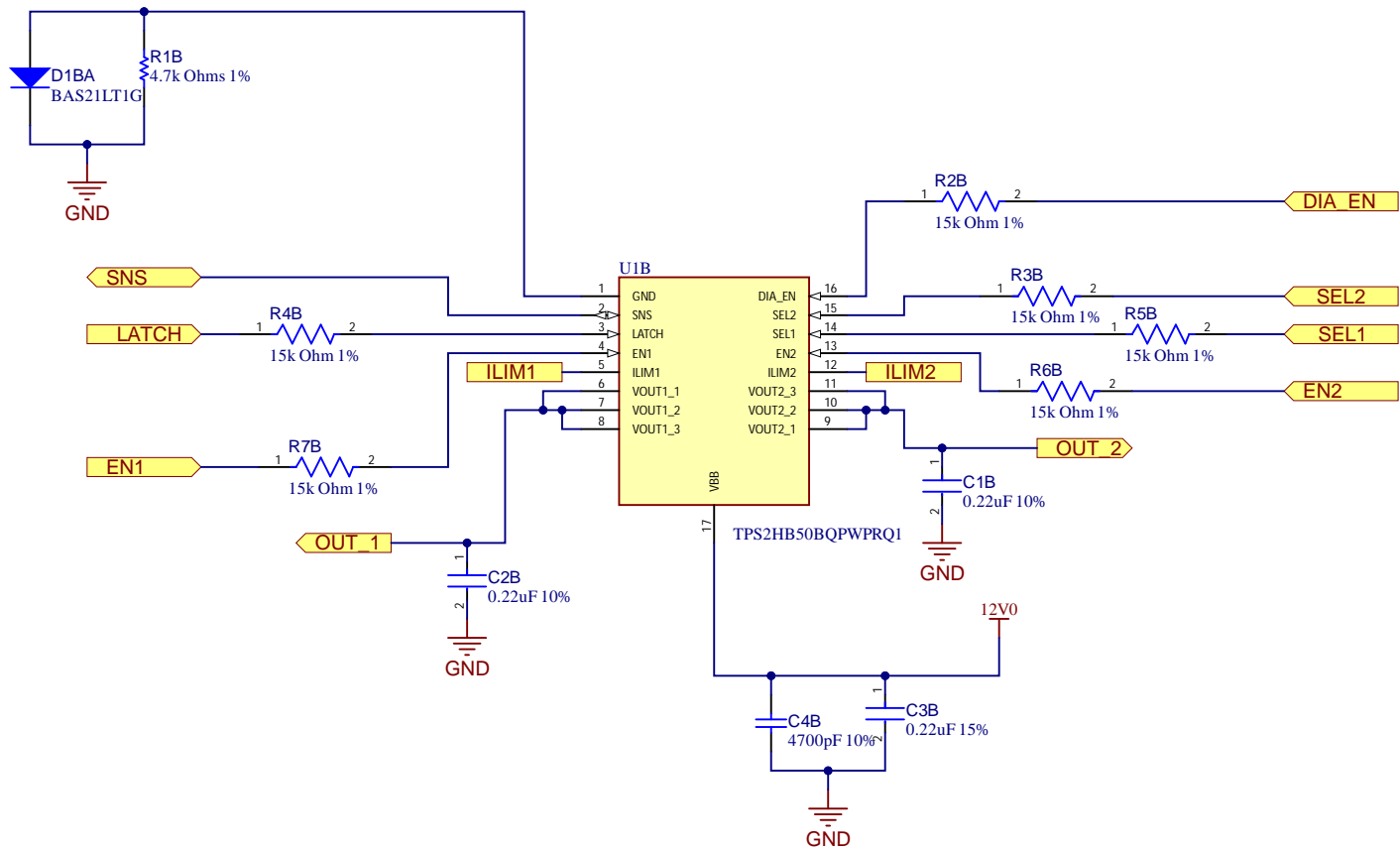
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