

SMBUS addresses:
0x12 - BQ24715
0x16 - BQ40z50
0x80 - INA DC in
0x82 - INA DC out passthrough
0x84 - INA DC out step-up
0x86 - INA USB out

I2C addresses:
0x3C - OLED
0x90 - LM75 charger
0x92 - LM75 DC out
0x94 - LM75 USB out

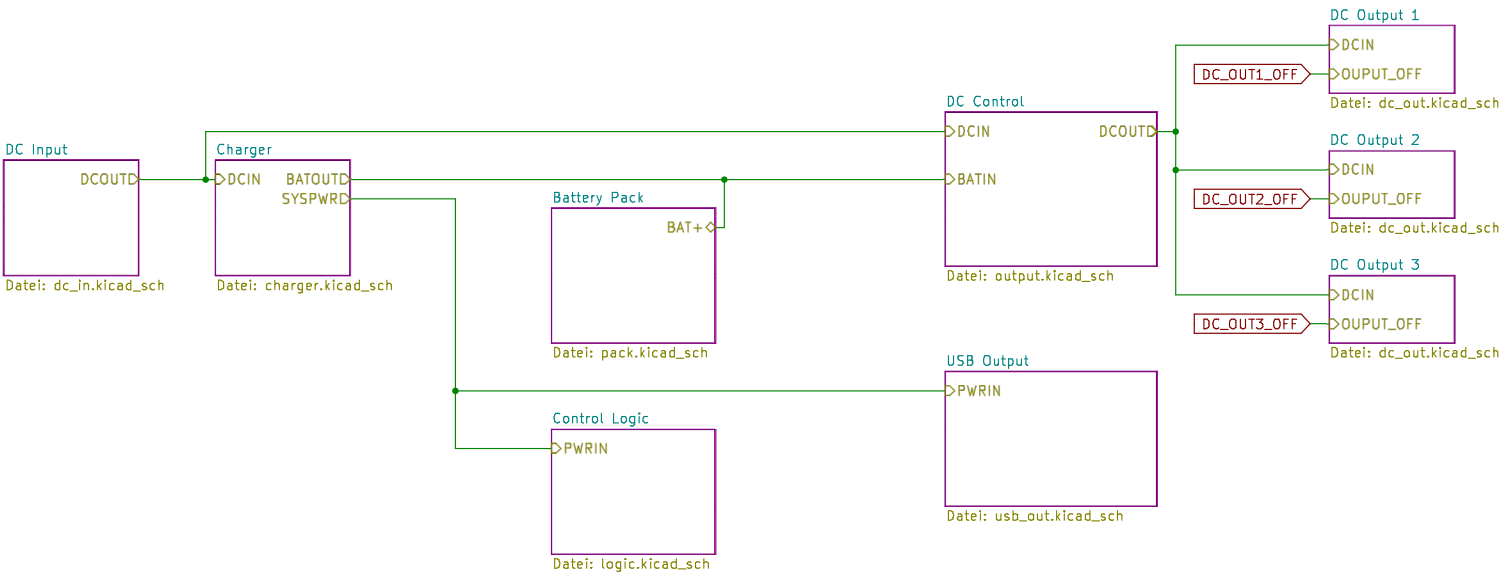
CASE1
1455L1601

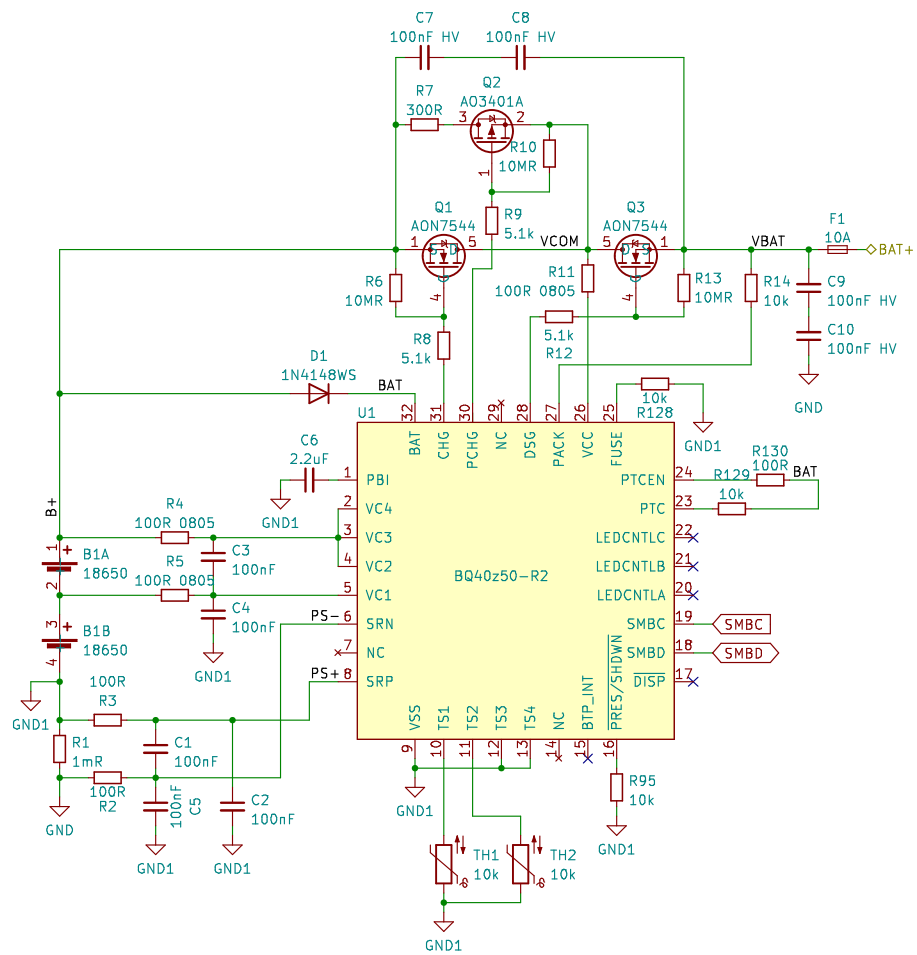
PANEL1
Frontpanel

PANEL2
Backpanel

H1
MountingHole

H2
MountingHole





Sheet: /Battery Pack/
File: pack.kicad_sch

Title:

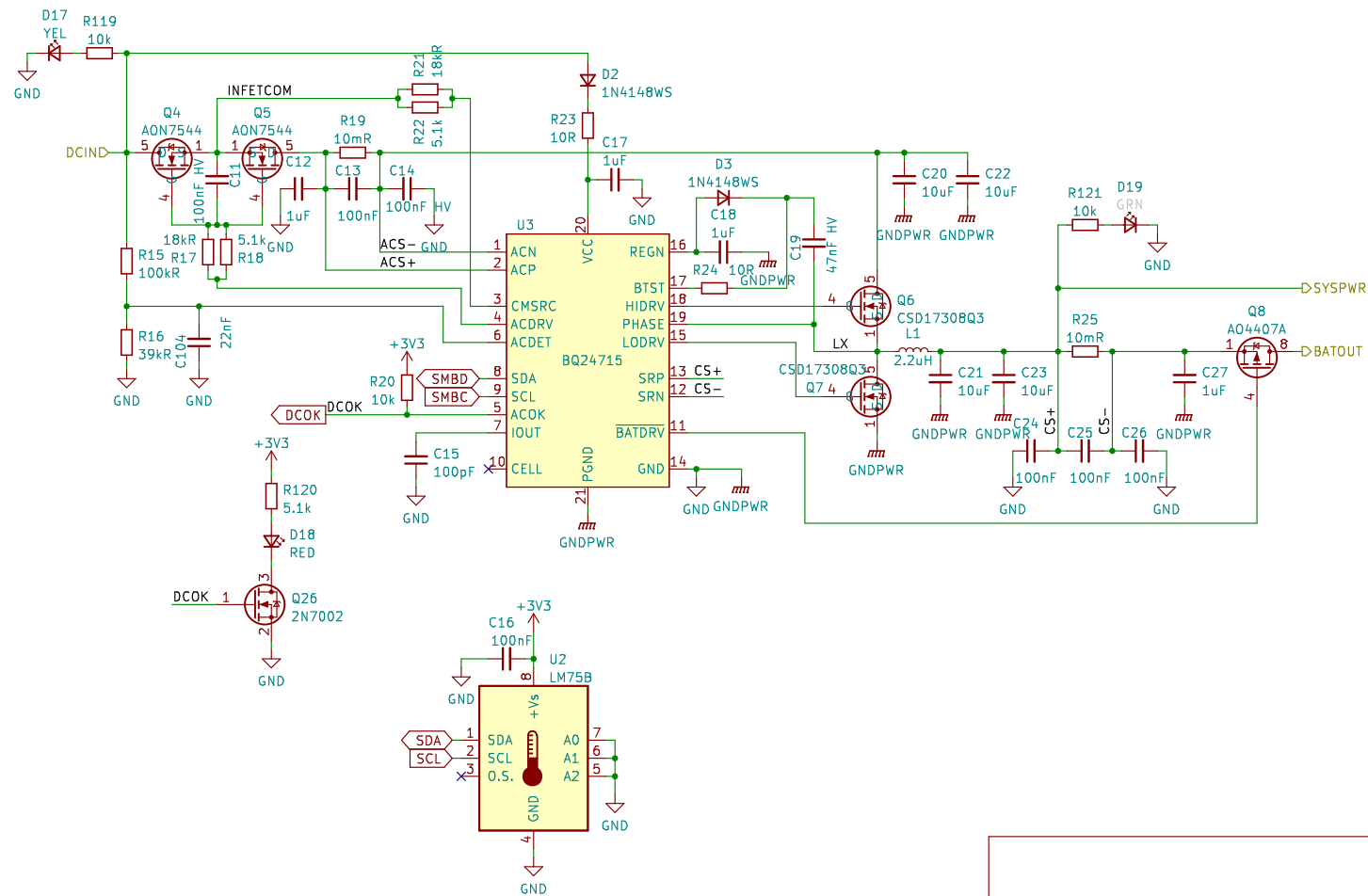
Size: A4

Date:

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Sheet: /Charger/
File: charger.kicad_sch

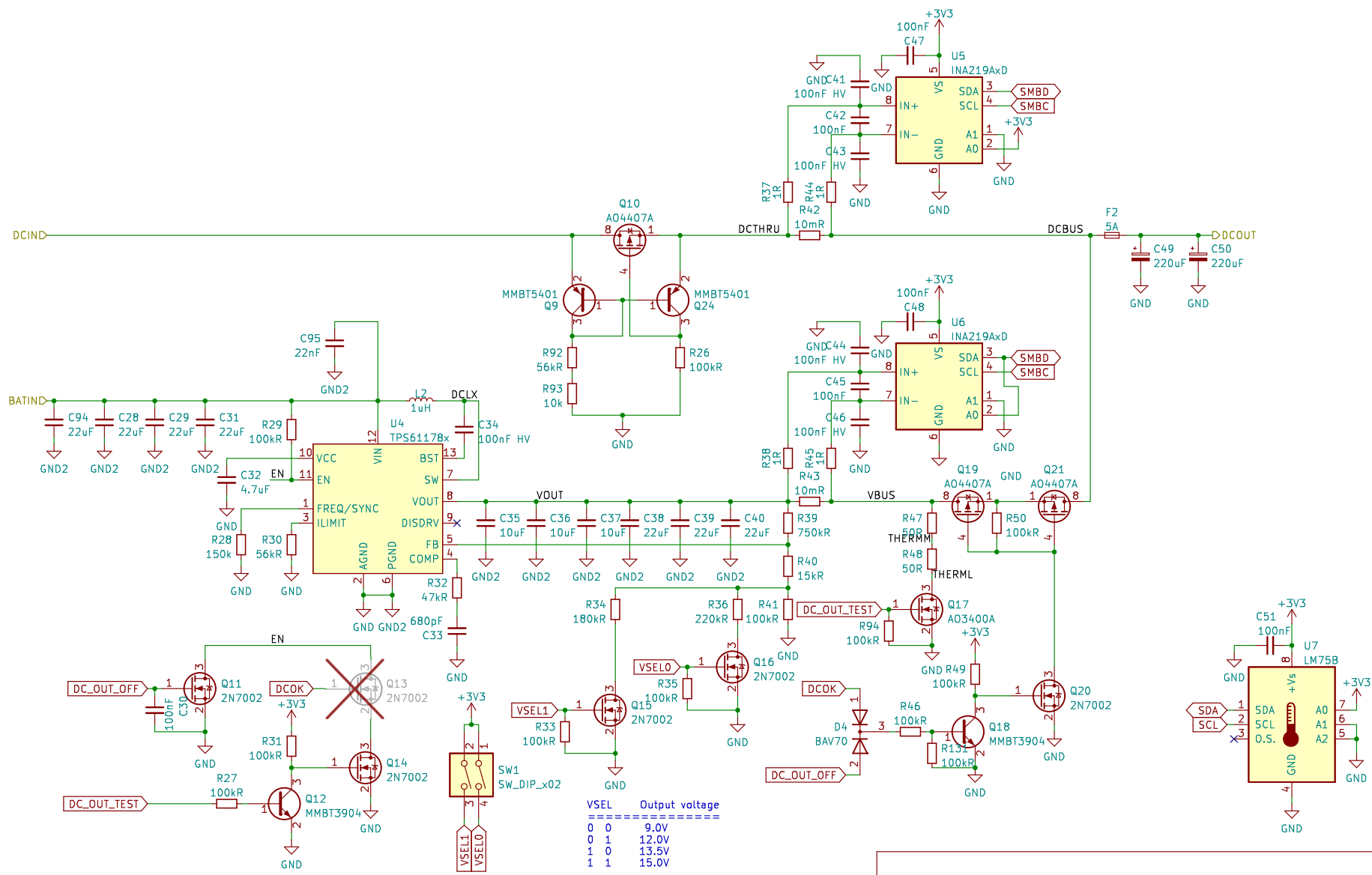
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Date:

Rev:

Id: 3/11



VSEL	Output voltage
0 0	9.0V
0 1	12.0V
1 0	13.5V
1 1	15.0V

Sheet: /DC Control/
File: output.kicad_sch

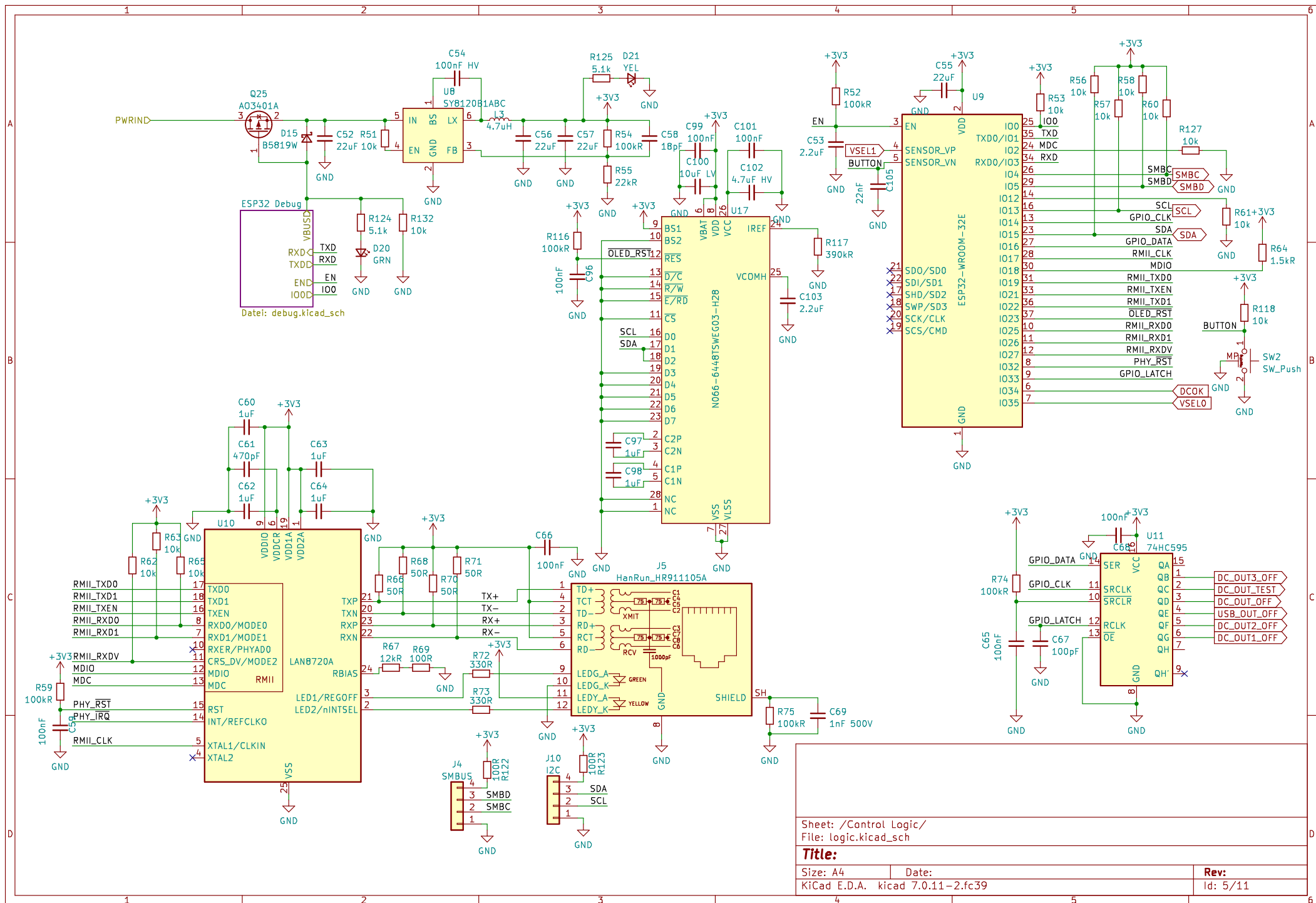
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KiCad E.D.A. kicad 7.0.11-2.fc39

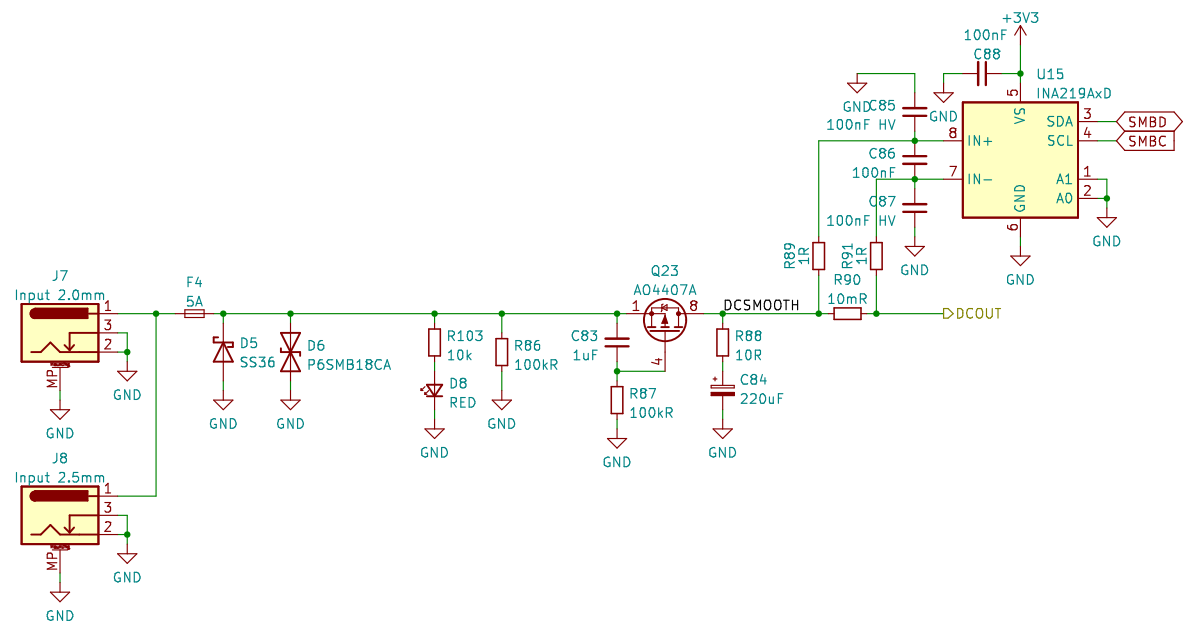
Date:

Rev:

Id: 4/11

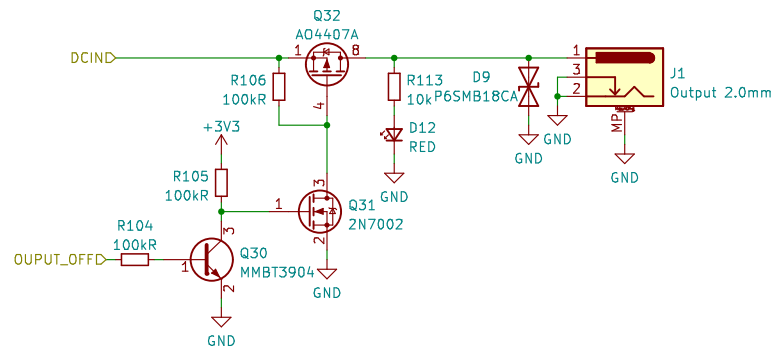




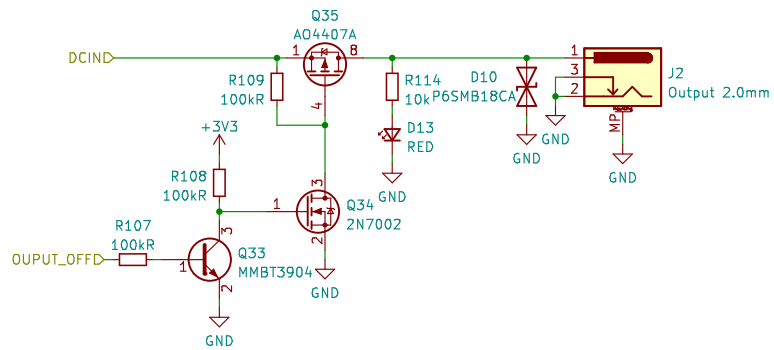


Sheet: /DC Input/ File: dc_in.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.11-2.fc39		Id: 7/11

Id: 8/11



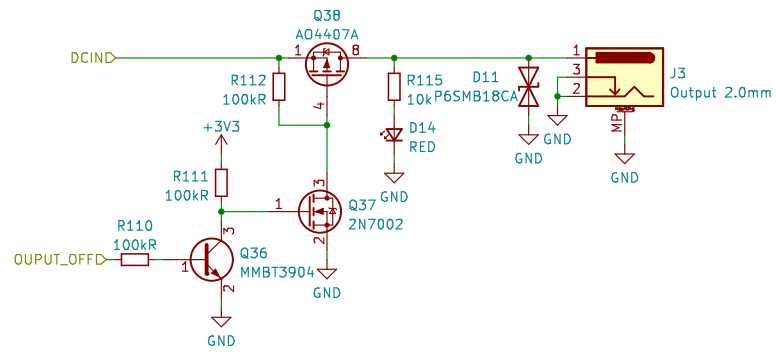
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Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.11-2.fc39		Id: 9/11



Sheet: /DC Output 2/
File: dc_out.kicad_sch

Title:

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.11-2.fc39		Id: 10/11



Sheet: /DC Output 3/
File: dc_out.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.11-2.fc39

Rev:
Id: 11/11