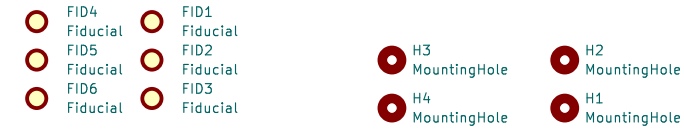
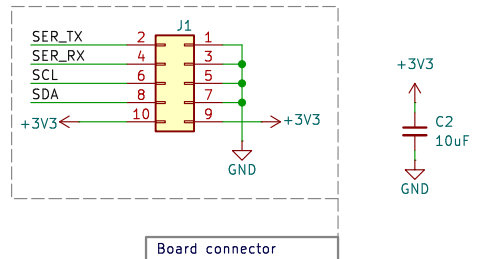
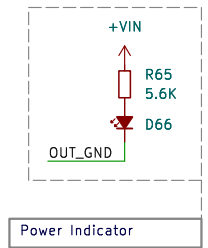
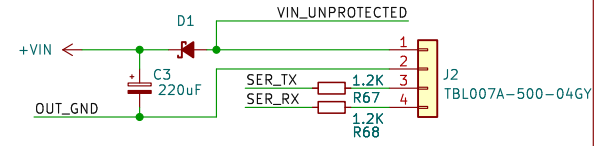
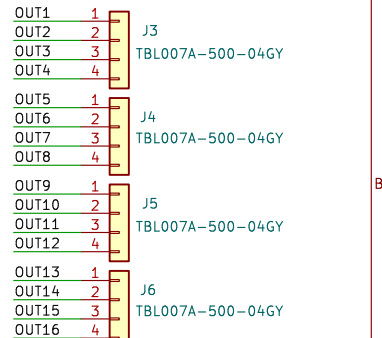
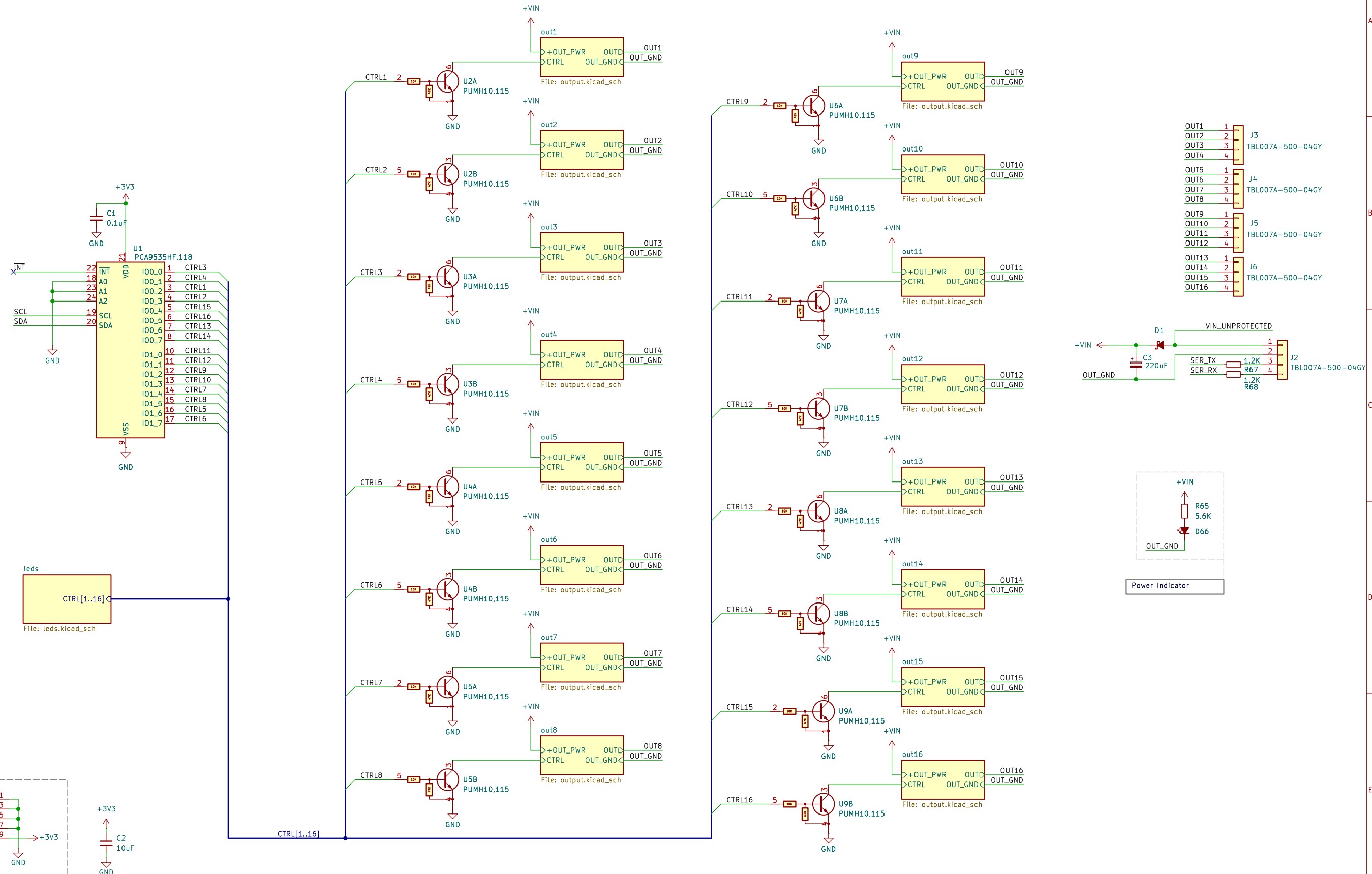
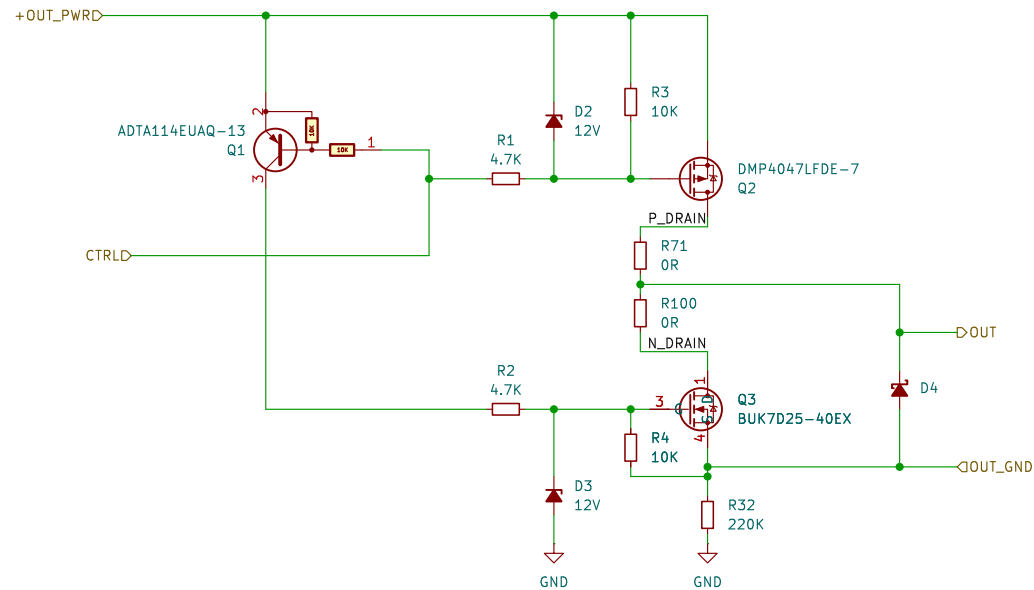


Control Unit 2



POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out1

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

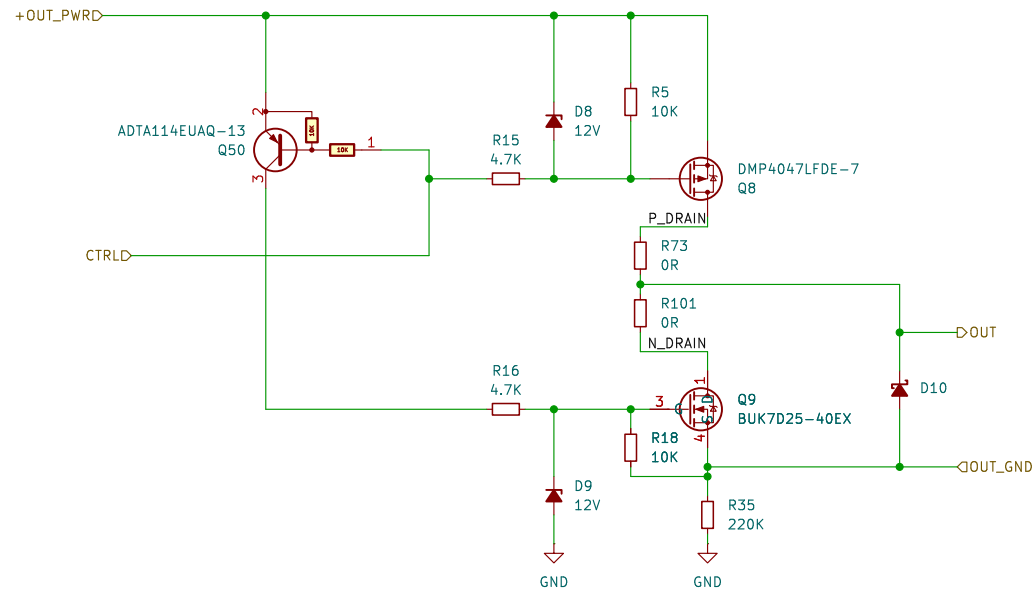
Size: A4

Id: 2/18



BK Telematics

POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out3

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

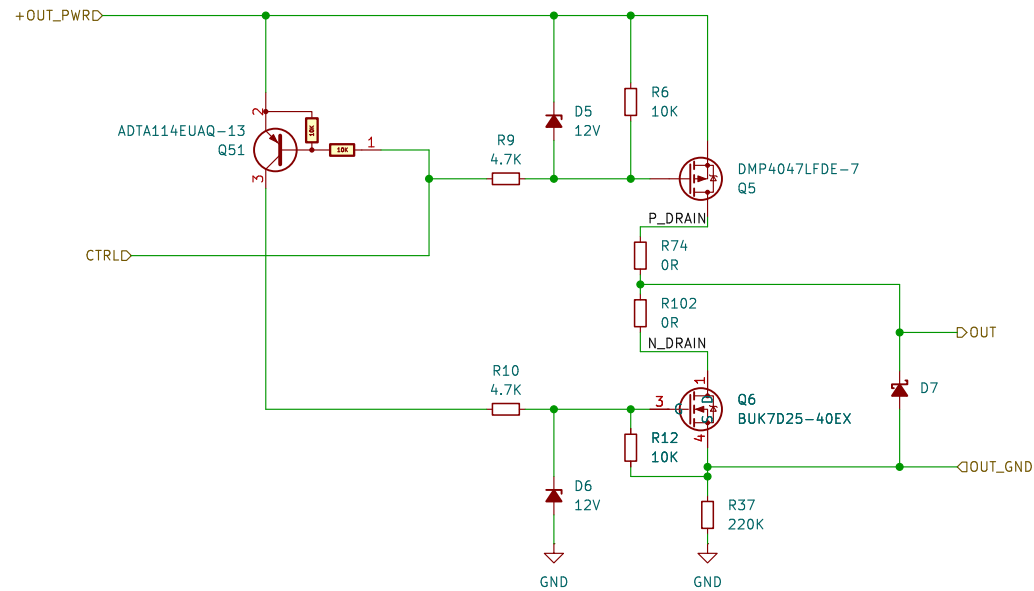
Size: A4

Id: 3/18



BK Telematics

POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out2

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

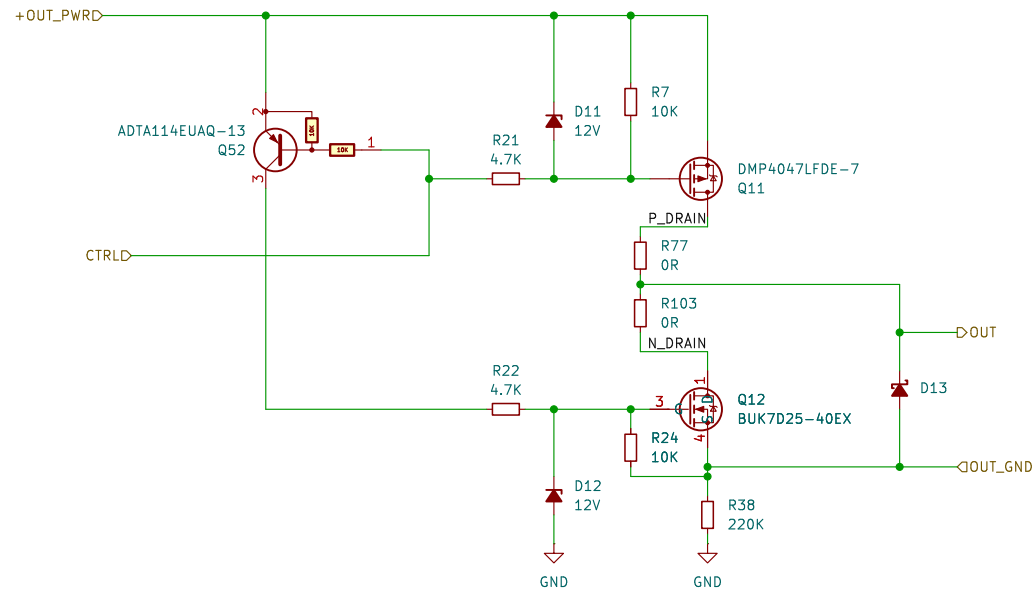
Size: A4

Id: 4/18



BK Telematics

POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out4

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

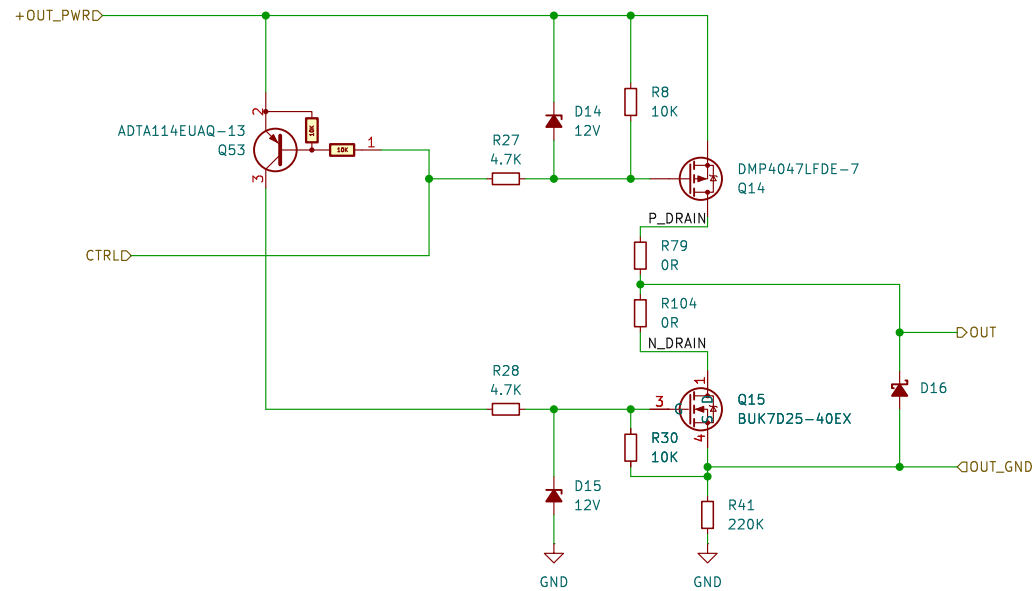
Size: A4

Id: 5/18



BK Telematics

POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out5

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

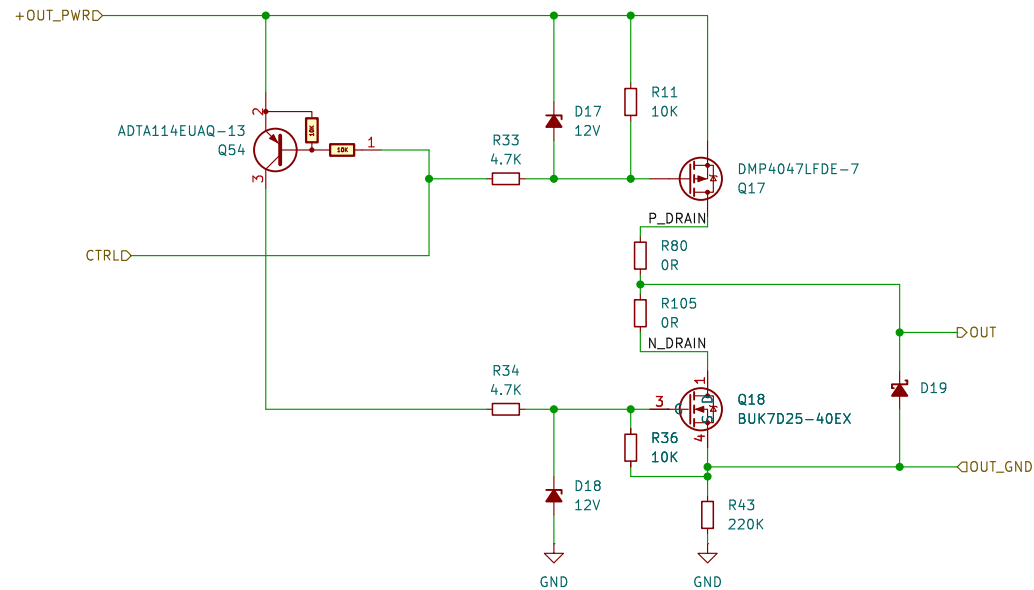
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Id: 6/18



BK Telematics

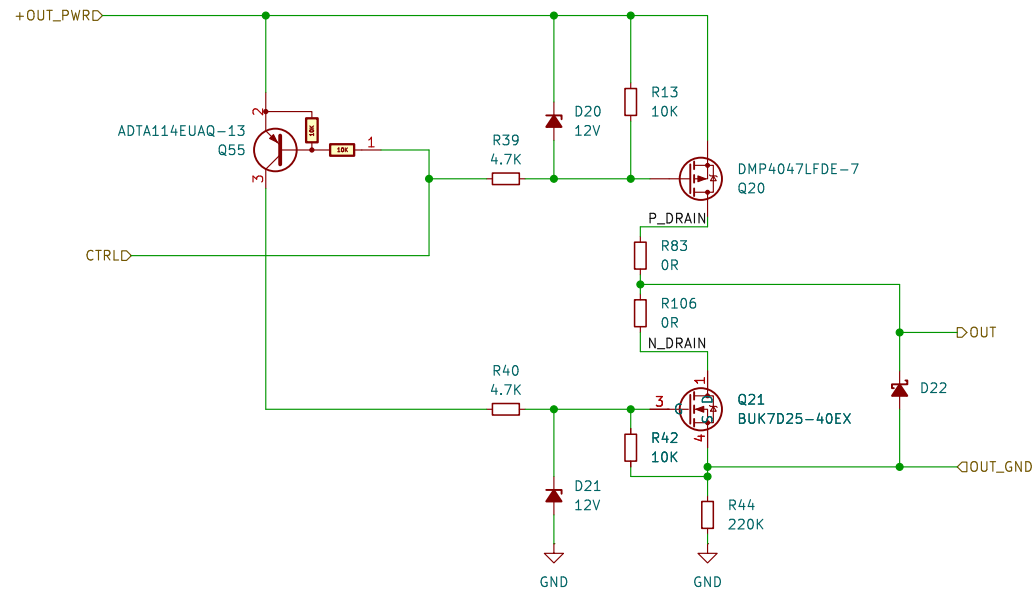
POWER OUTPUT



Title: Control Unit 2			
POWER OUTPUT			
Sheet: out6			
File: output.kicad_sch			
Rev: 1	Date: 2024-12-09	Size: A4	Id: 7/18



POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out7

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

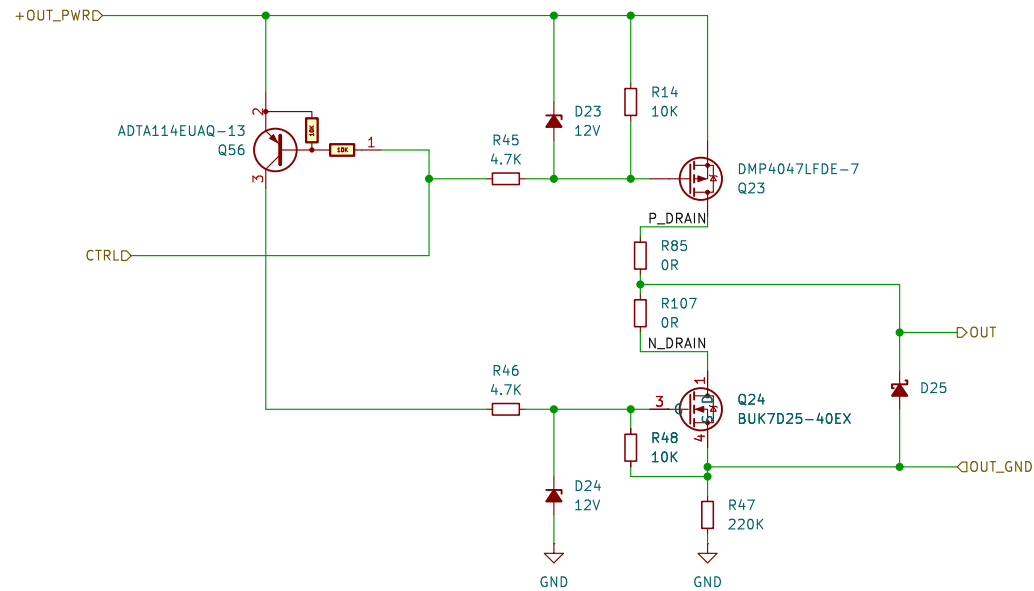
Size: A4

Id: 8/18



BK Telematics

POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out8

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

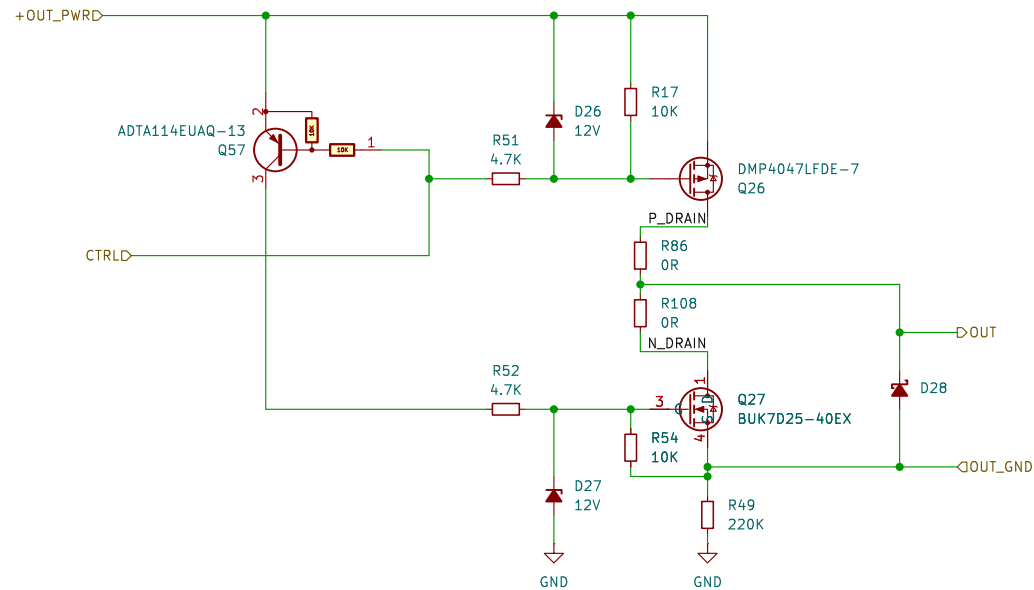
Size: A4

Id: 9/18



BK Telematics

POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out9

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

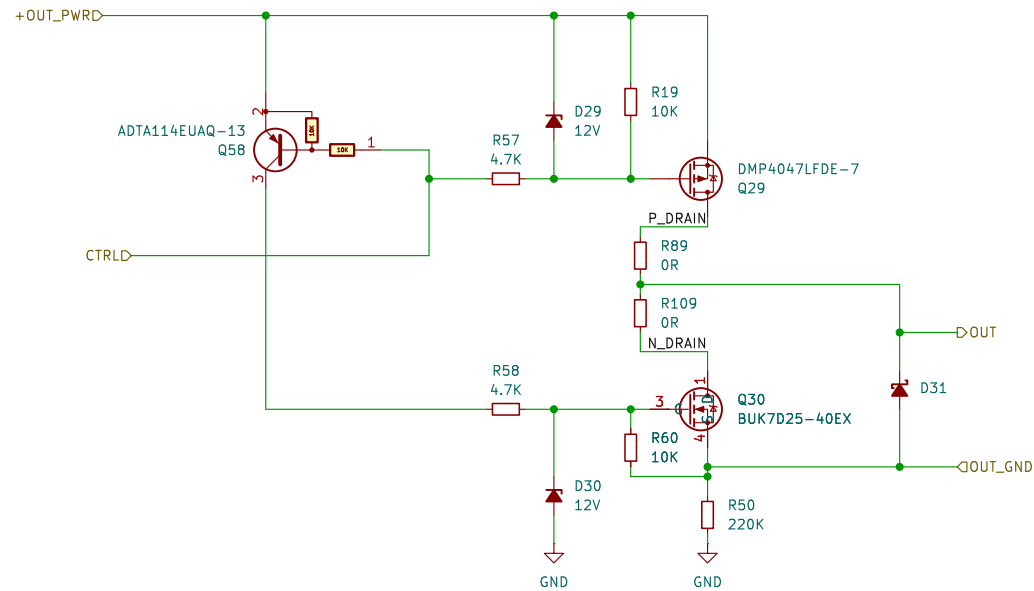
Size: A4

Id: 10/18



BK Telematics

POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out10

File: output.kicad_sch

Rev: 1

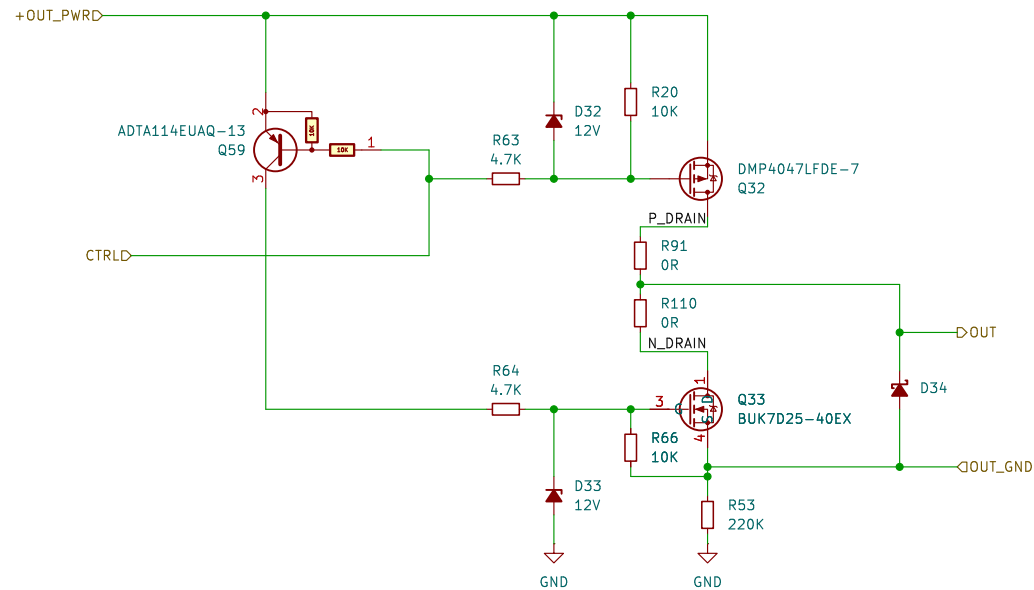
Date: 2024-12-09

Size: A4

Id: 11/18



POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out11

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

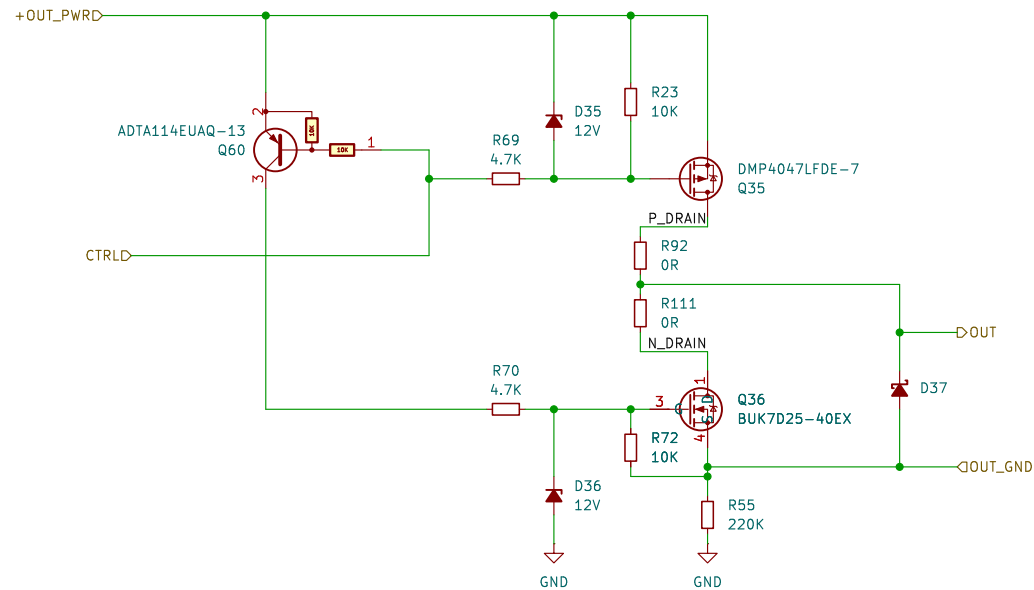
Size: A4

Id: 12/18



BK Telematics

POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out12

File: output.kicad_sch

Rev: 1

Date: 2024-12-09


Size: A4

Id: 13/18



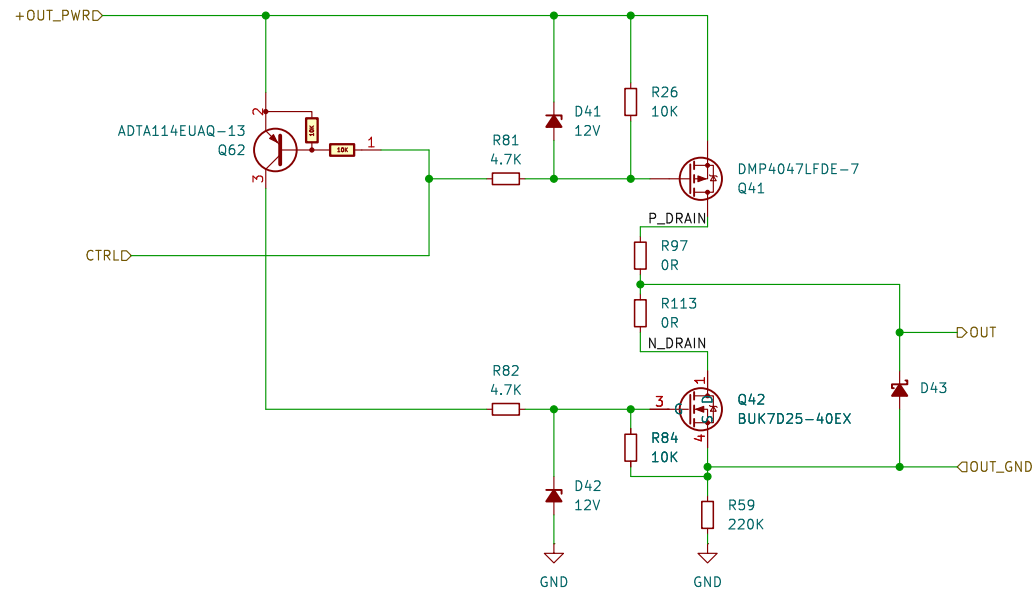
POWER OUTPUT

The schematic diagram illustrates the Power Output circuit. It is powered by +OUT_PWRD and controlled by CTRLD. The circuit includes two MOSFETs: Q61 (ADTA114EUAQ-13) and Q38 (DMP4047LFDE-7) for the high-side switch, and Q39 (BUK7D25-40EX) for the low-side switch. Diodes D38, D39, and D40 are used for protection. Resistors R75, R76, R78, R25, R95, R112, and R56 are used for biasing and protection. The output is labeled OUT and OUT_GND.

Title: Control Unit 2			 BK Telematics
POWER OUTPUT			
Sheet: out13			
File: output.kicad_sch			
Rev: 1	Date: 2024-12-09	Size: A4	Id: 14/18

BK Telematics

POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out14

File: output.kicad_sch

Rev: 1

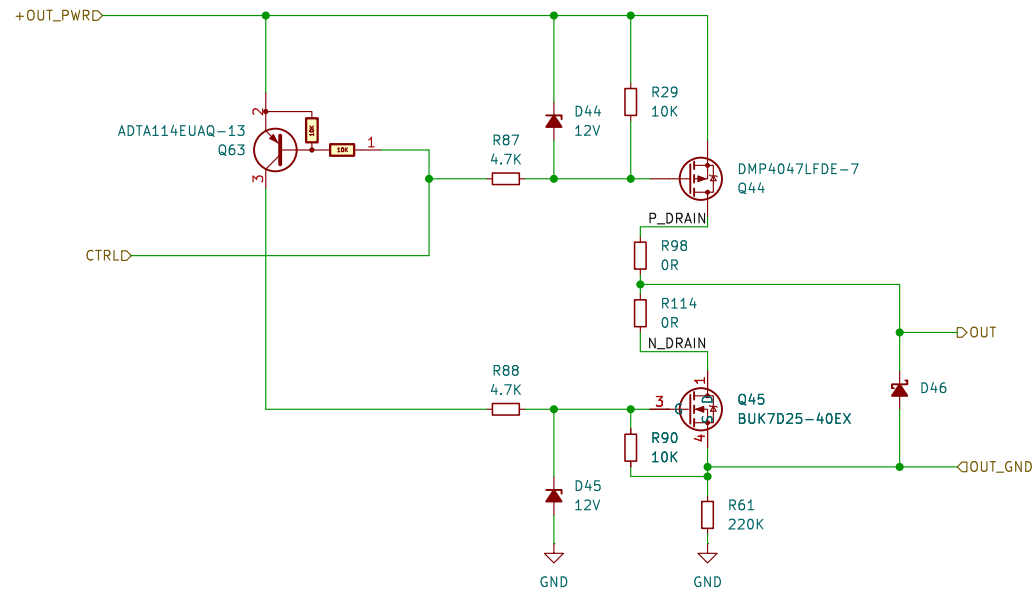
Date: 2024-12-09

Size: A4

Id: 15/18



POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out15

File: output.kicad_sch

Rev: 1

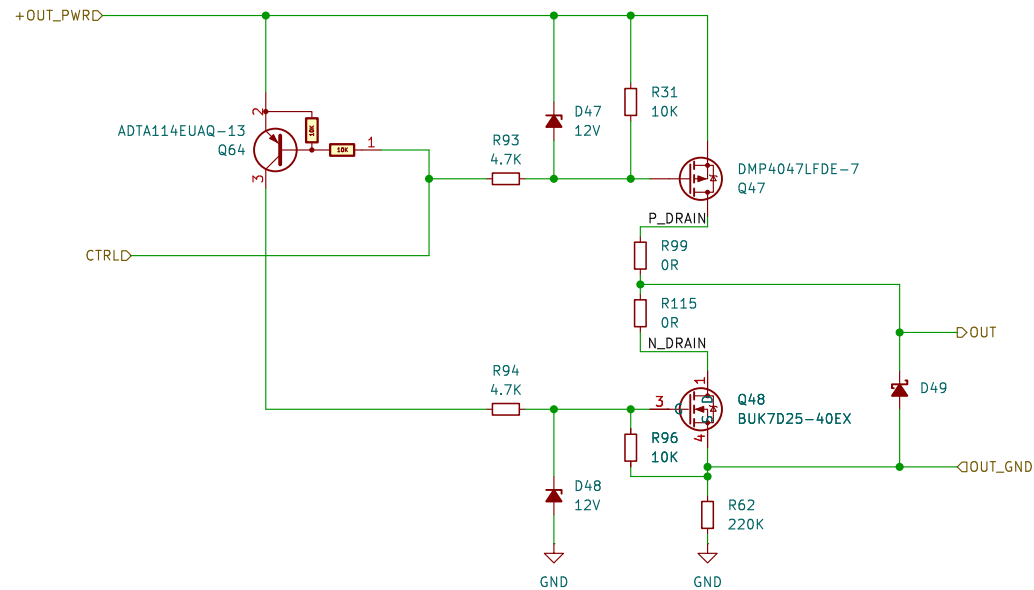
Date: 2024-12-09

Size: A4

Id: 16/18



POWER OUTPUT



Title: Control Unit 2

POWER OUTPUT

Sheet: out16

File: output.kicad_sch

Rev: 1

Date: 2024-12-09

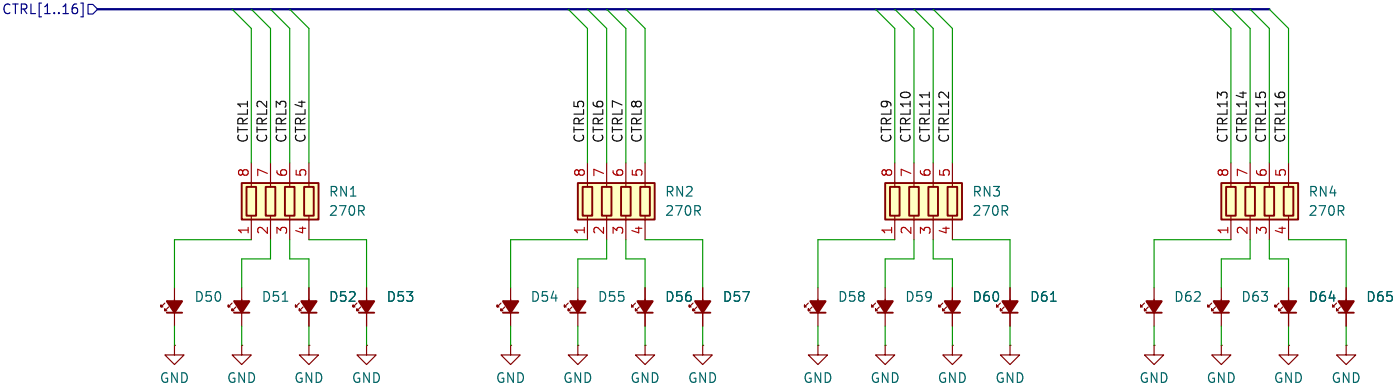
Size: A4


Id: 17/18



BK Telematics

LEDs



Title: Control Unit 2			 BK Telematics
LEDs			
Sheet: leds			
File: leds.kicad_sch			
Rev: 1	Date: 2024-12-09	Size: A4	Id: 18/18