

1	2	3	4	5	6
A					
B					
C					
D					
1	2	3	4	5	6

Sheet: CPU



File: D12cpu.sch

Sheet: Railcom



File: D12rcm.sch

Sheet: Power

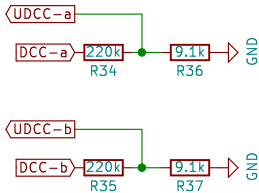


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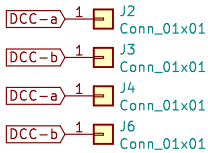
Licensed under the Apache License, Version 2		
Flm V100 Decoder		
Frank Schumacher		
Sheet: /		
File: D12.sch		
Title: RTB D12 Decoder		
Size: A4	Date: 2024-11-24	Rev: 5
KiCad E.D.A. kicad (5.1.12)-1		Id: 1/4

Railcom

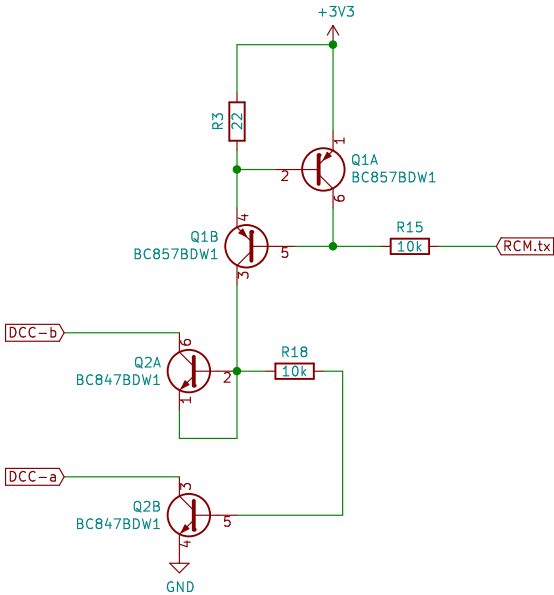
Track Voltage divider



PCB / Chassis connector clips



Railcom transmitter (approx. 35mA)



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F1m V100 Decoder

Frank Schumacher

Sheet: /Railcom/

File: D12rcm.sch

Title: RTB D12 Decoder

Size: A4

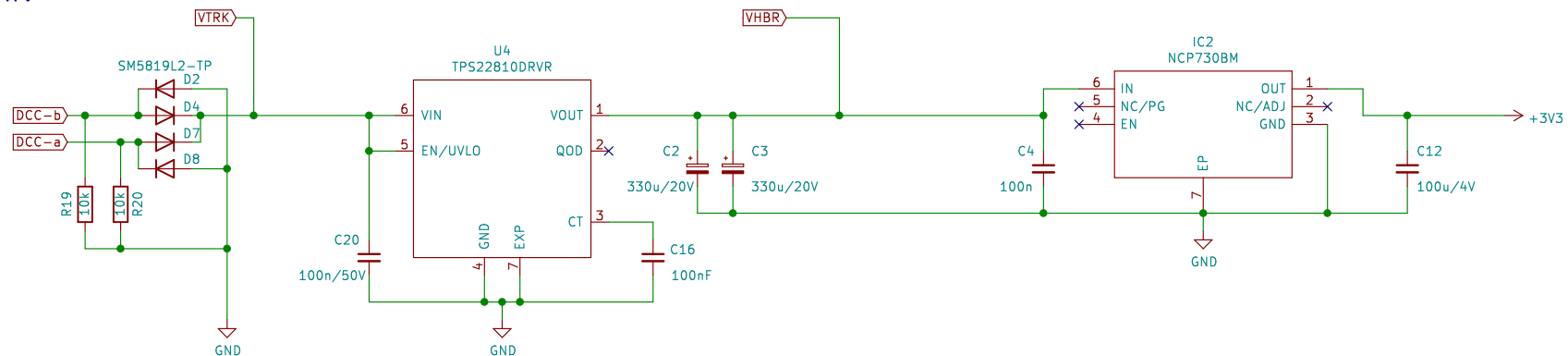
Date: 2024-11-24

KiCad E.D.A. kicad (5.1.12)-1

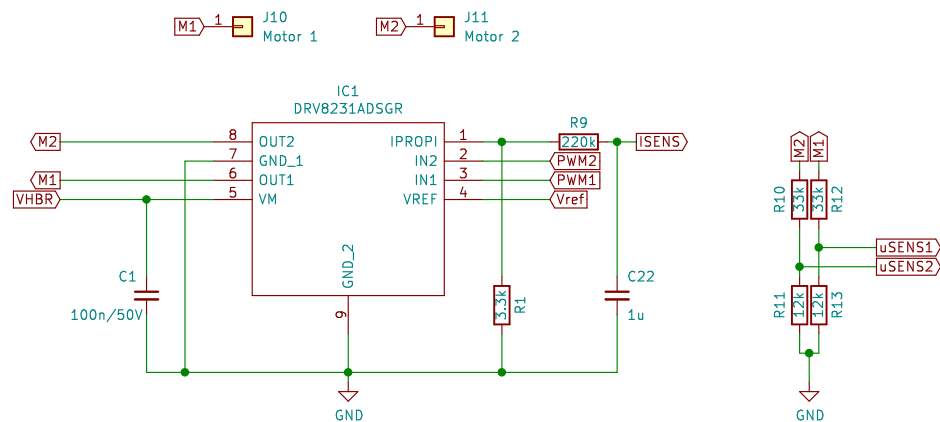
Rev: 5

Id: 2/4

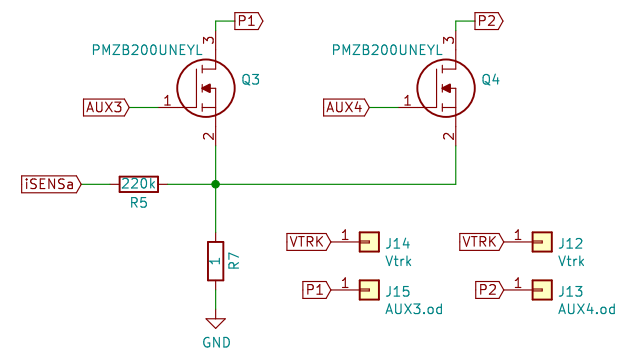
Power



Motor driver



AUX



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Flm V100 Decoder

Frank Schumacher

Sheet: /Power/

File: D12pwr.sch

Title: RTB D12 Decoder

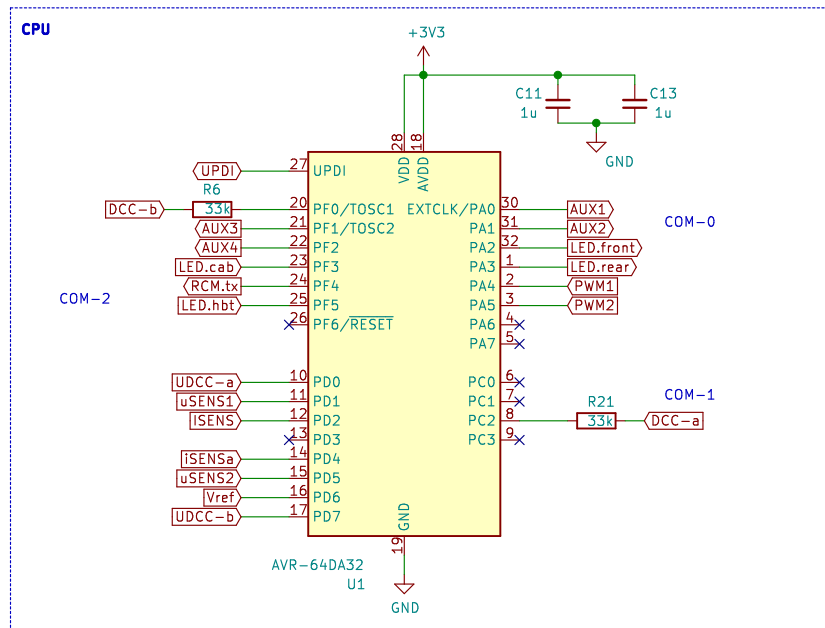
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Size: A4	Date: 2024-
KiCad E.D.A.	kicad (5.1.12)-1

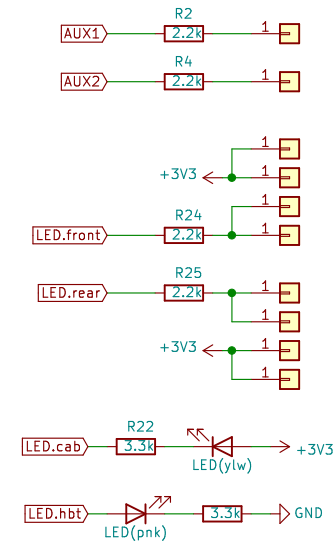
Rev: 5

Id: 3/4

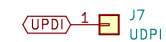
CPU



LEDs & AUX



UPDI Interface



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F1m V100 Decoder

Frank Schumacher

Sheet: /CPU/

File: D12cpu.sch

Title: RTB D12 Decoder

Size: A4 Date: 2024-11-24

KiCad E.D.A. kicad (5.1.12)-1

Rev: 5

Id: 4/4