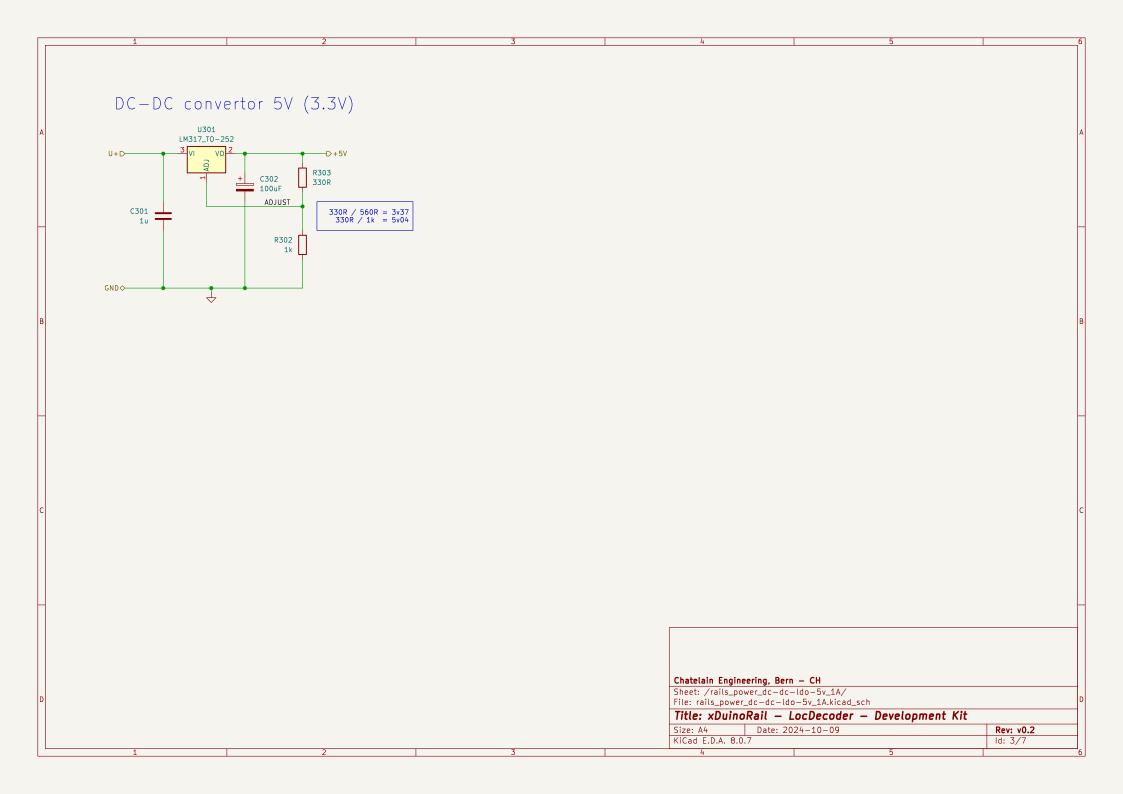
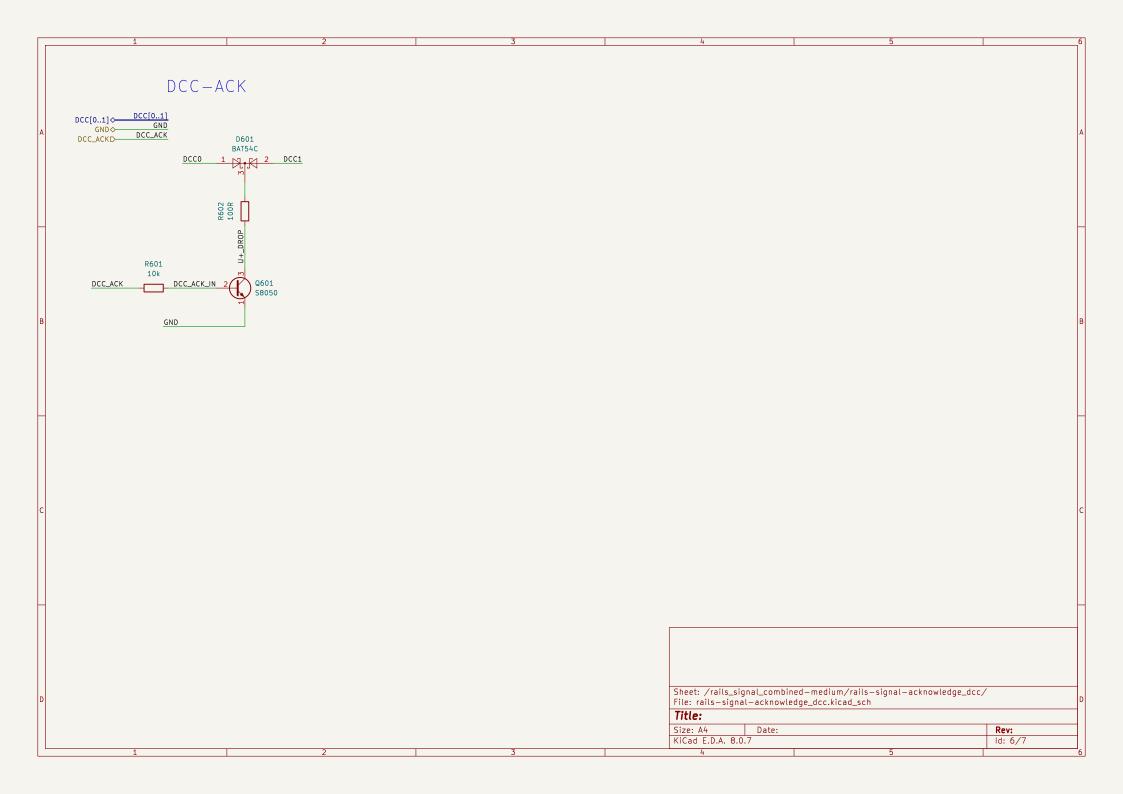


## Bridge rectifier medium AC[0..1]D AC0 D103 PWR\_FLAG SS14 +U\_ +U\_UNFUSED PU+ D102 SS14 PWR\_FLAG Chatelain Engineering, Bern — CH Sheet: /rails\_power\_ac-dc-bridge-medium-xs/ File: rails\_power\_ac-dc-bridge-medium-xs.kicad\_sch Title: xDuinoRail - LocDecoder - Development Kit **Rev: v0.2** Id: 2/7 Size: A4 Date: 2024-10-09 KiCad E.D.A. 8.0.7

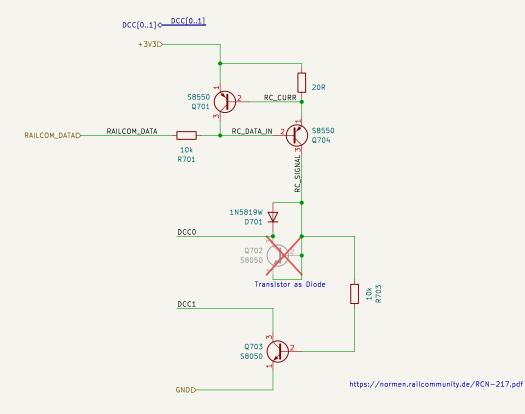


## DCC/RailCom Up- & Downlinks +3V3 ↑ +3V3 rails\_signal\_feedback\_dcc-railcom-8x50 rails\_signal\_extraction\_dcc DCC[0..1] DCC[0..1] DCC1 DCC1< DCC\_MM\_SIGNAL DCC\_MM\_SIGNAL RAILCOM\_DATA DCC\_MM\_SIGNAL RAILCOM DATAD->RAILCOM\_DATA File: rails\_signal\_extraction\_dcc.kicad\_sch File: rails\_signal\_feedback\_dcc-railcom-8x50.kicad\_sch rails-signal-acknowledge\_dcc GND DCC[0..1] OCC[0..1] DCC\_ACK DCC\_ACKD-DCC\_ACK File: rails-sighal-acknowledge\_dcc.kicad\_sch ---◇GND GND Chatelain Engineering, Bern — CH Sheet: /rails\_signal\_combined-medium/ File: rails\_signal\_combined-medium.kicad\_sch Title: xDuinoRail - LocDecoder - Development Kit Size: A4 Date: 2024-10-09 Rev: v0.2 KiCad E.D.A. 8.0.7 ld: 4/7





## RailCom feedback generator



Chatelain Engineering, Bern — CH

Sheet: /rails\_signal\_combined-medium/rails\_signal\_feedback\_dcc-railcom-8x50/
File: rails\_signal\_feedback\_dcc-railcom-8x50.kicad\_sch

Title: xDuinoRail - LocDecoder - Development Kit

Size: A4 Date: 2024-10-09 Rev: v0.2 KiCad E.D.A. 8.0.7 ld: 7/7