Sheet: CPU

File: D13cpu.sch

Sheet: Railcom

File: D13rcm.sch

Sheet: Power

File: D13pwr.sch

Sheet: Com

File: D13com.sch

Sheet: SPI/LED

File: D13led.sch

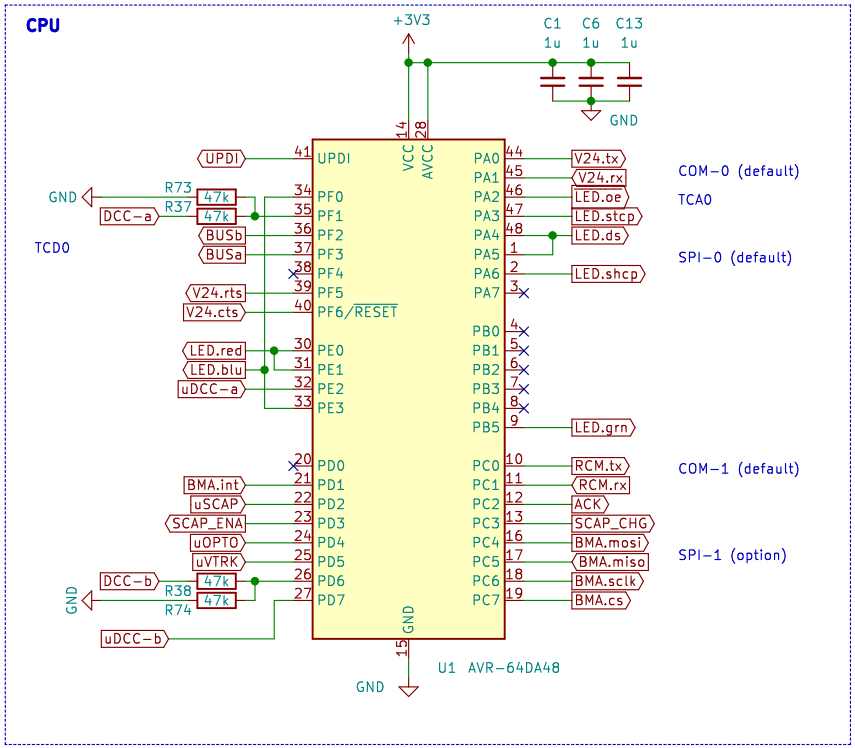
2.8V SCAP
D13.4
Frank Schumacher

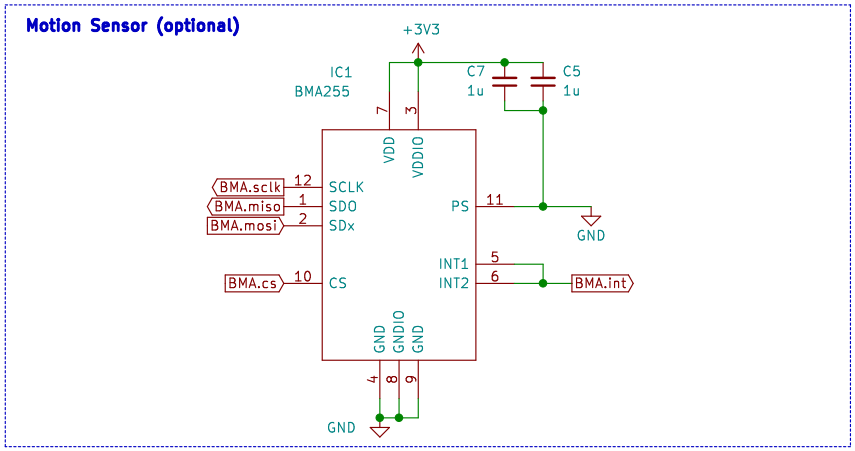
Sheet: /
File: D13.sch

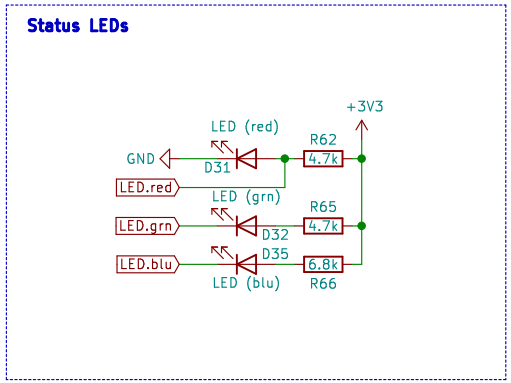
Title: Minitrix coach ambient

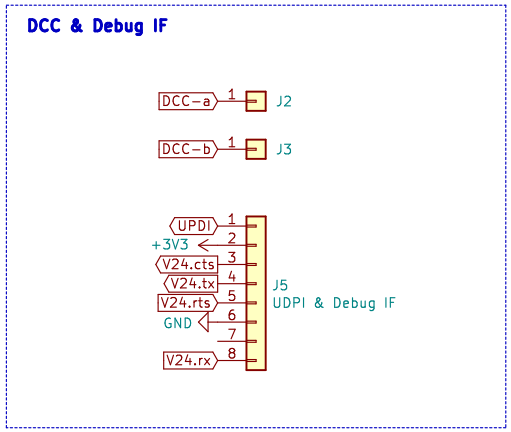
Size: A4	Date: 2025-03-17	**Rev: 4**
KiCad E.D.A. kicad (5.1.12)-1		Id: 1/6

CPU









2.8V SCAP
D13.4
Frank Schumacher

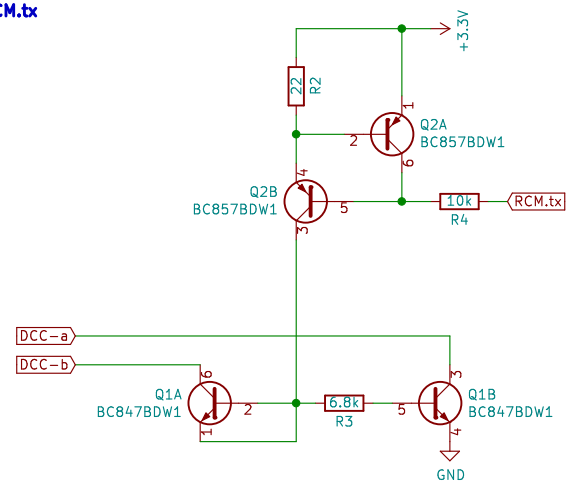
Sheet: /CPU/
File: D13cpu.sch

Title: Minitrix coach ambient

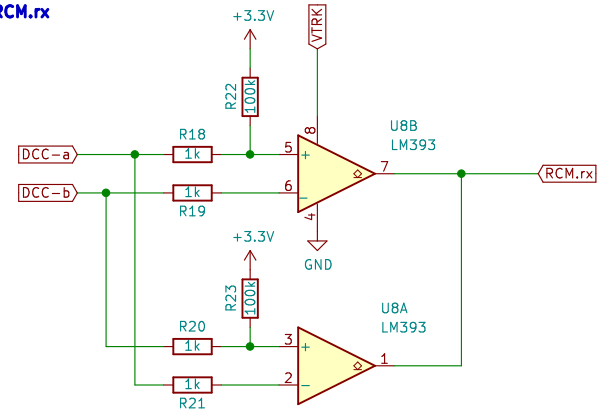
Size: A4	Date: 2025-03-17	**Rev: 4**
KiCad E.D.A. kicad (5.1.12)-1		Id: 2/6

RcmTX

RCM.tx



RCM.rx



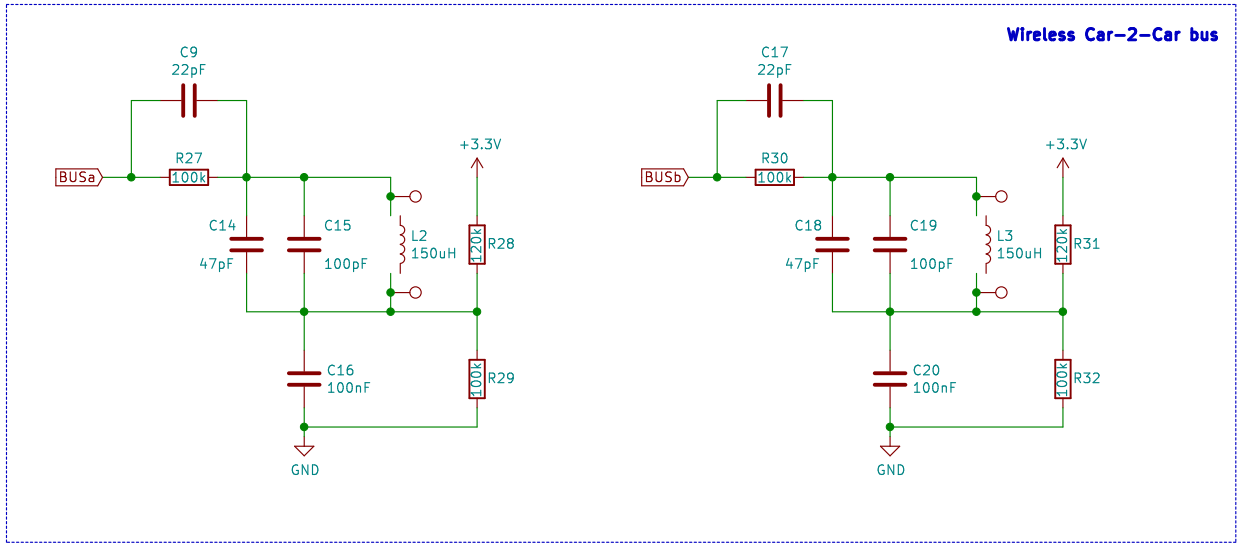
2.8V SCAP
D13.4
Frank Schumacher

Sheet: /Railcom/
File: D13rcm.sch

Title: Minitrix coach ambient

Size: A4	Date: 2025-03-17	**Rev: 4**
KiCad E.D.A. kicad (5.1.12)-1		Id: 3/6

Coach-to-Coach transmit/recieve



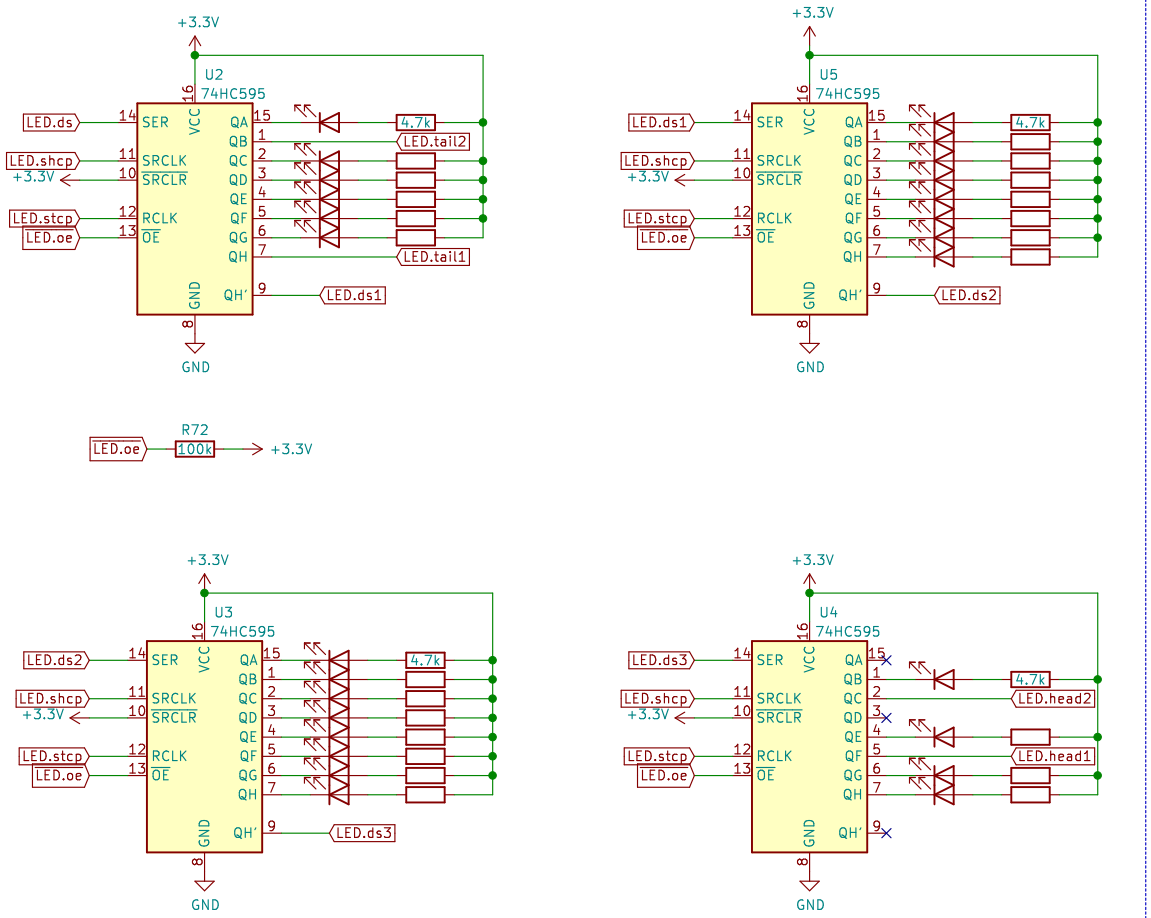
2.8V SCAP
D13.4
Frank Schumacher
Sheet: /Com/
File: D13com.sch

Title: Minitrix coach ambient

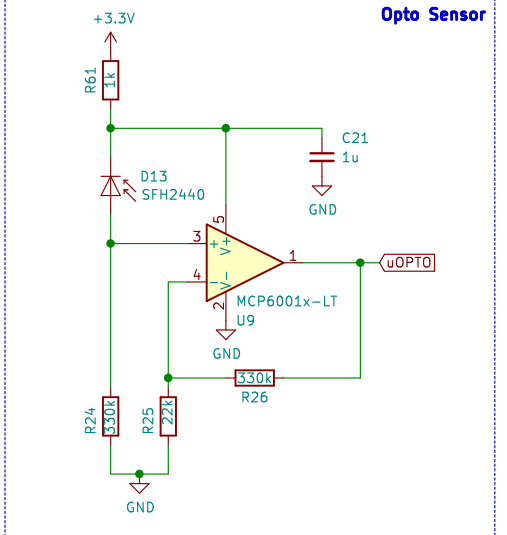
Size: A4	Date: 2025-03-17	**Rev: 4**
KiCad E.D.A. kicad (5.1.12)-1		Id: 4/6

SPI/LED

LEDs



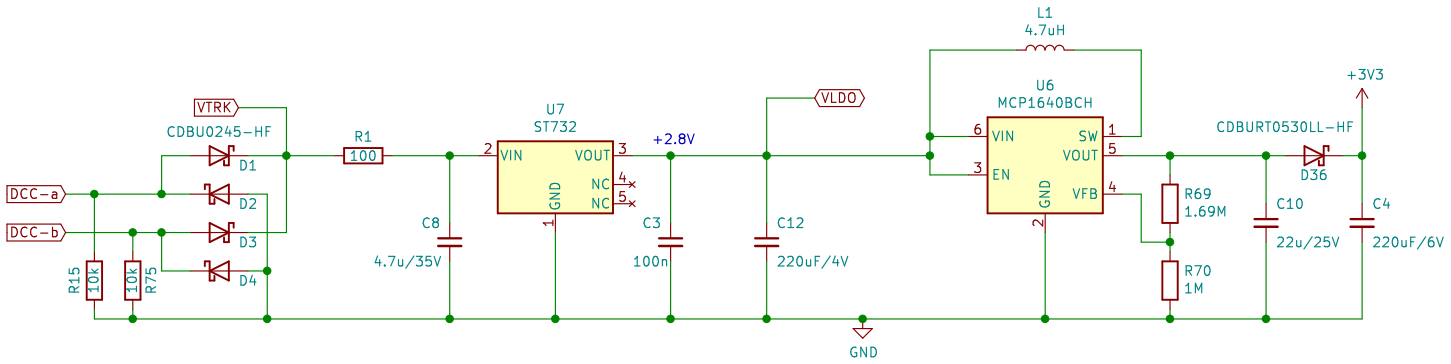
Opto Sensor



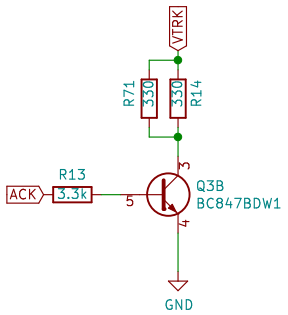
2.8V SCAP	
D13.4	
Frank Schumacher	
Sheet: /SPI/LED/	
File: D13led.sch	
Title: Minitrix coach ambient	
Size: A4	Date: 2025-03-17
KiCad E.D.A. kicad (5.1.12)-1	Id: 5/6
	Rev: 4

Power

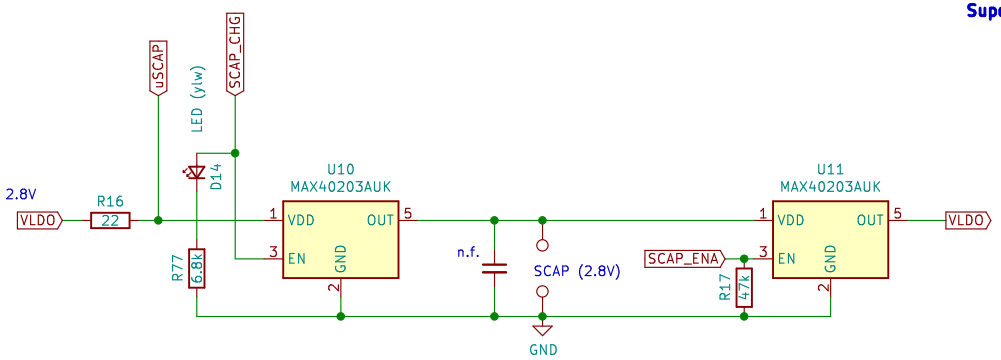
Main Power



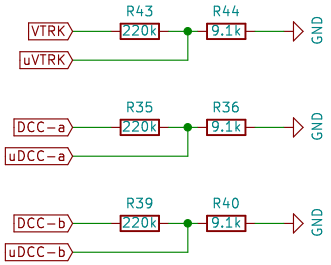
ACK



SuperCap



ADC



2.8V SCAP
D13.4
Frank Schumacher
Sheet: /Power/
File: D13pwr.sch

Title: Minitrix coach ambient

Size: A4	Date: 2025-03-17	**Rev: 4**
KiCad E.D.A. kicad (5.1.12)-1		Id: 6/6