CAN

File: CAN.kicad_sch

MCU

File: MCU.kicad_sch

USB_SDCARD

File: USB.kicad_sch

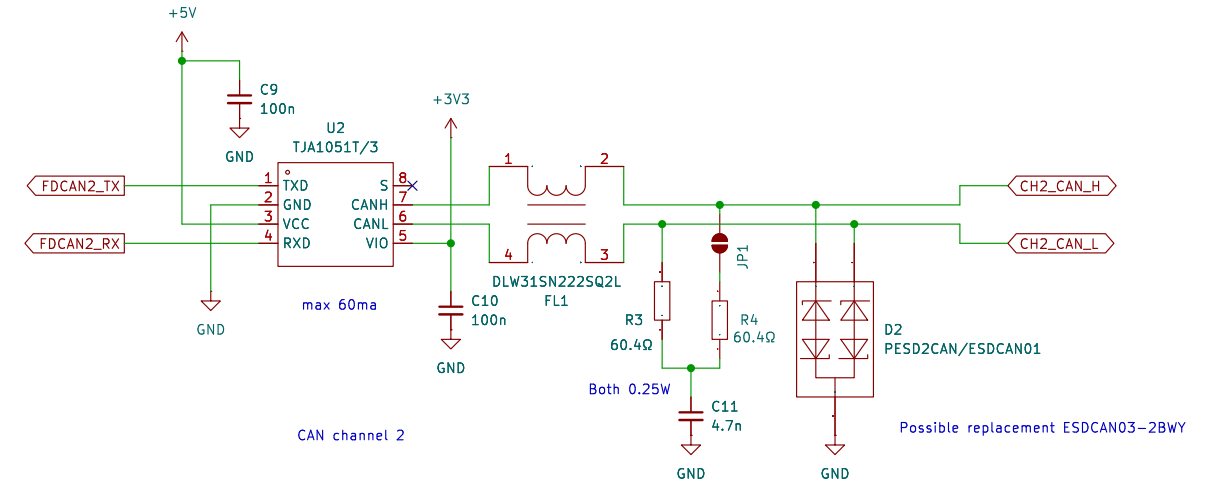
POWER

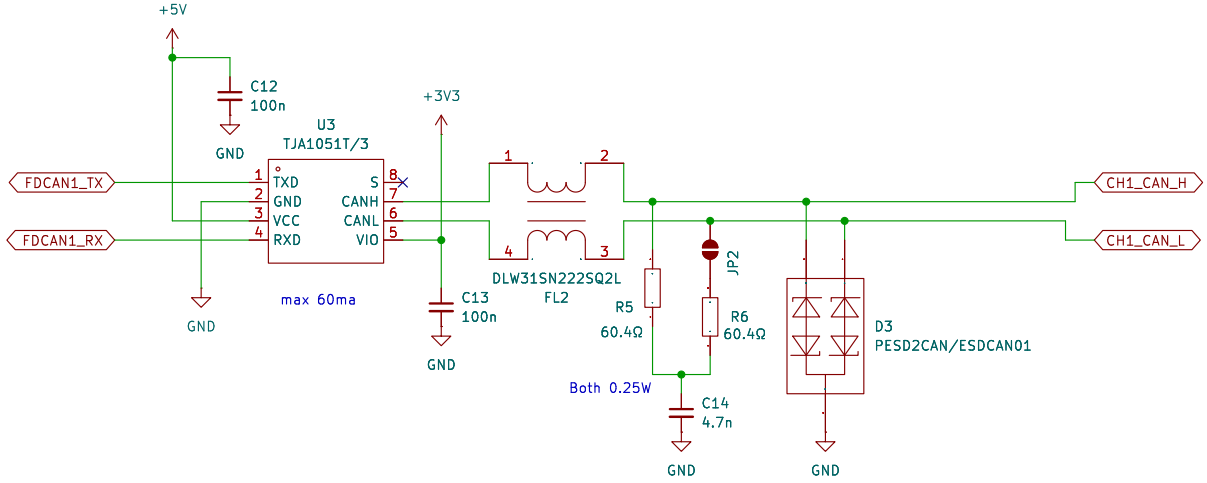
File: POWER.kicad_sch

Sheet: /
File: canlogger.kicad_sch

Title: 2CH CAN Logger

Size: A4	Date:	**Rev: 1.0**
KiCad E.D.A. 9.0.3		Id: 1/5





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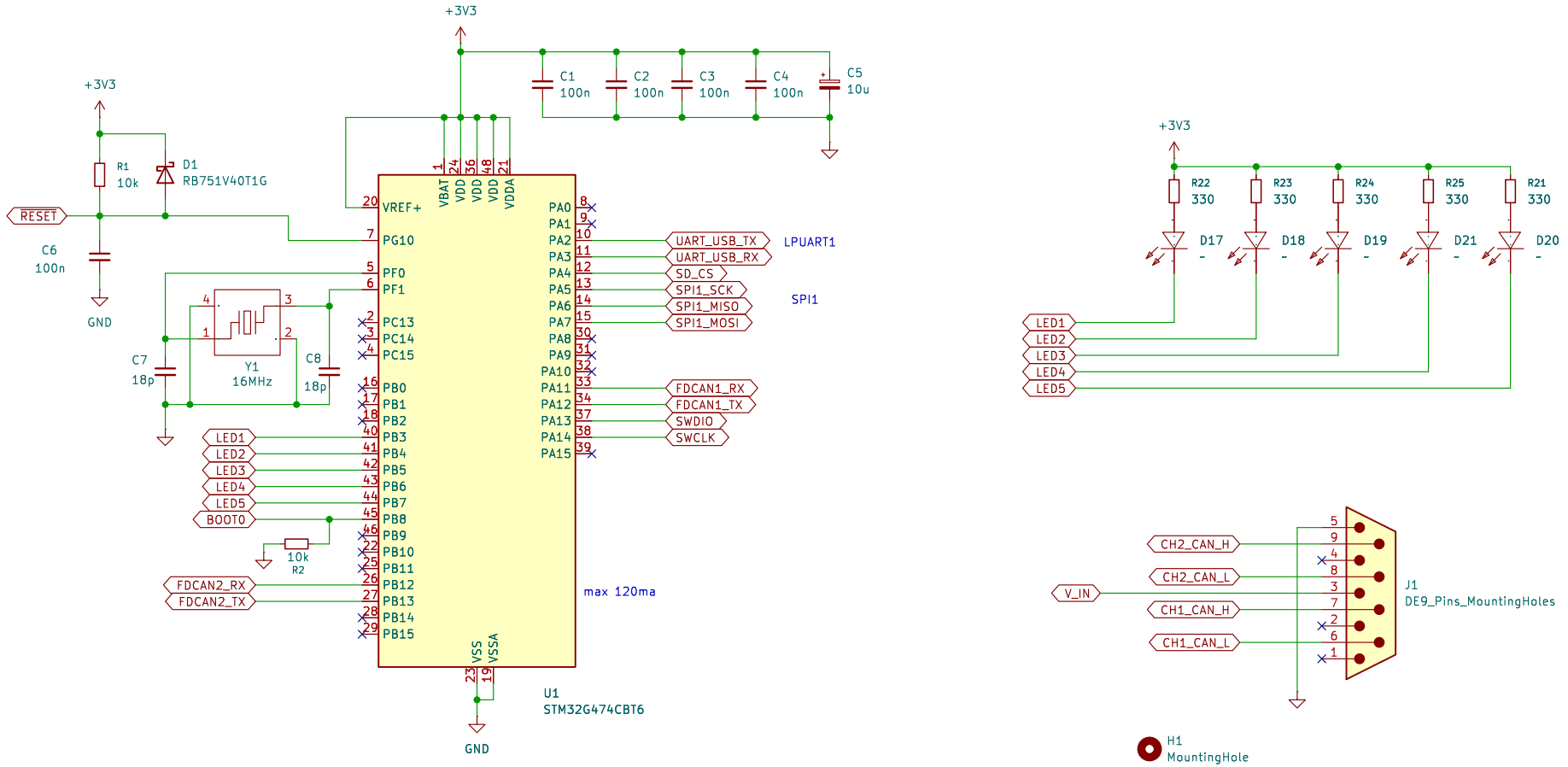
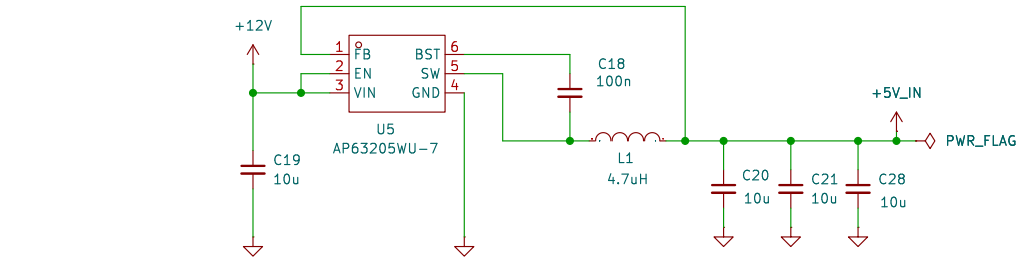
File: CAN.kicad_sch		
Title: 2CH CAN Logger		
Size: A4	Date:	**Rev: 1.0**
KiCad E.D.A. 9.0.3		Id: 3/5



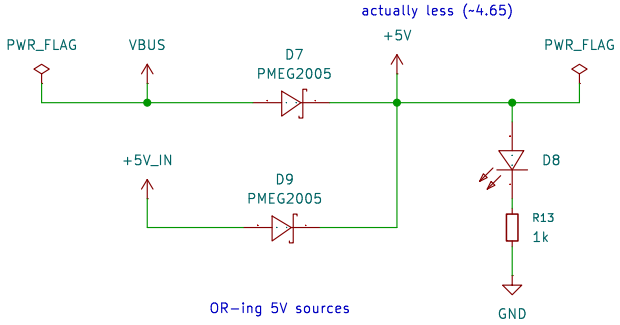
Sheet: /MCU/
File: MCU.kicad_sch

Title: 2CH CAN Logger

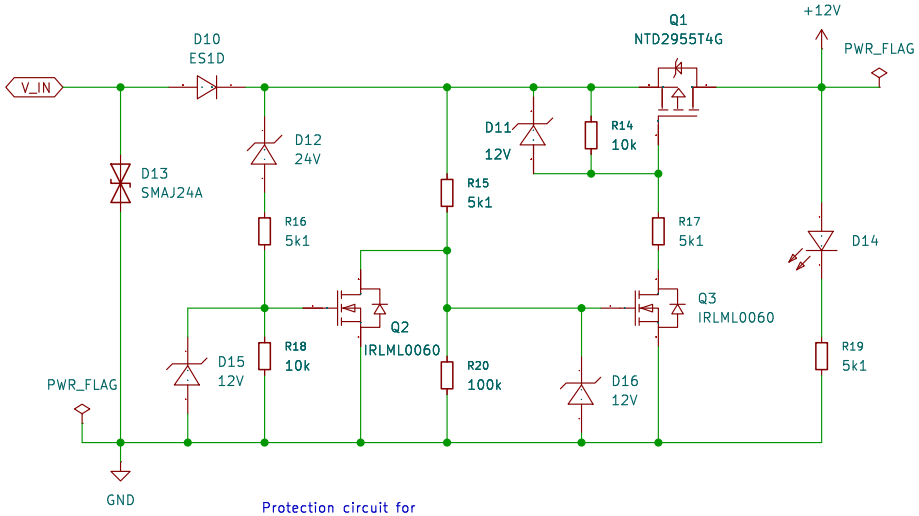
Size: A4	Date:	**Rev: 1.0**
KiCad E.D.A. 9.0.3		Id: 2/5



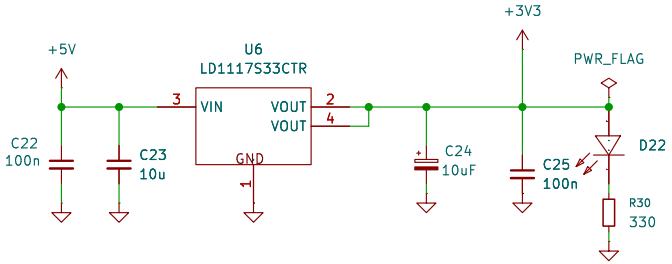
DC-DC buck converter



OR-ing 5V sources



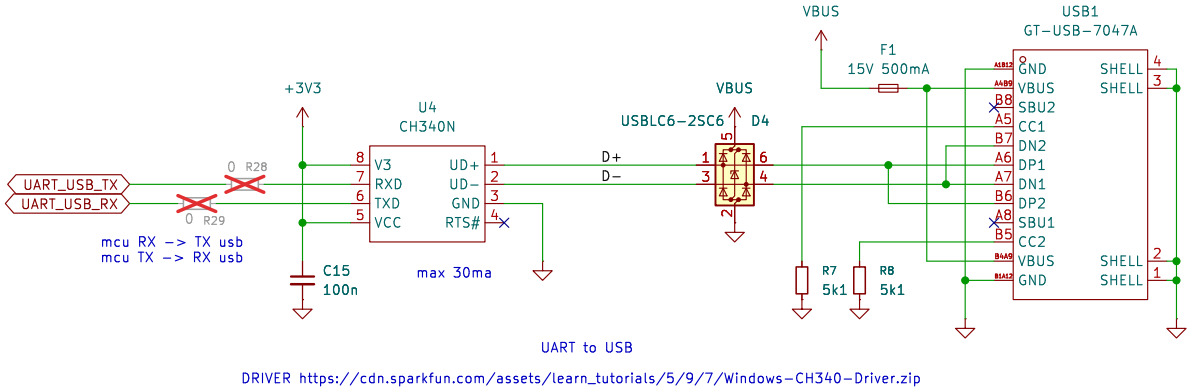
Protection circuit for
- transient
- overvoltage
- reverse-polarity



LDO 5-> 3.3 (800mA max)

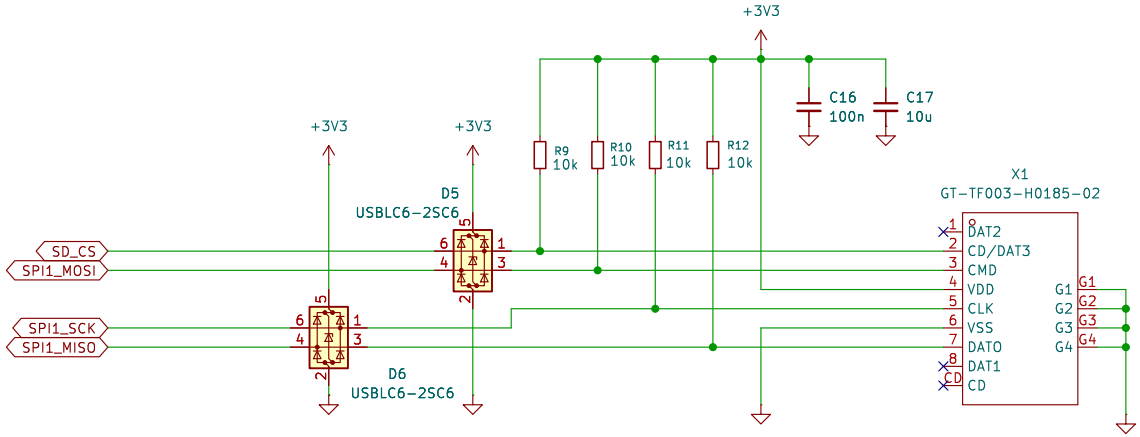
Sheet: /POWER/	
File: POWER.kicad_sch	
Title: 2CH CAN Logger	
Size: A4	Date:
KiCad E.D.A. 9.0.3	Id: 5/5

Rev: 1.0



UART to USB

DRIVER https://cdn.sparkfun.com/assets/learn_tutorials/5/9/7/Windows-CH340-Driver.zip



SD CARD interface

Sheet: /USB_SDCARD/		
File: USB.kicad_sch		
Title: 2CH CAN Logger		
Size: A4	Date: 2025-10-22	**Rev: 1.0**
KiCad E.D.A. 9.0.3		Id: 4/5