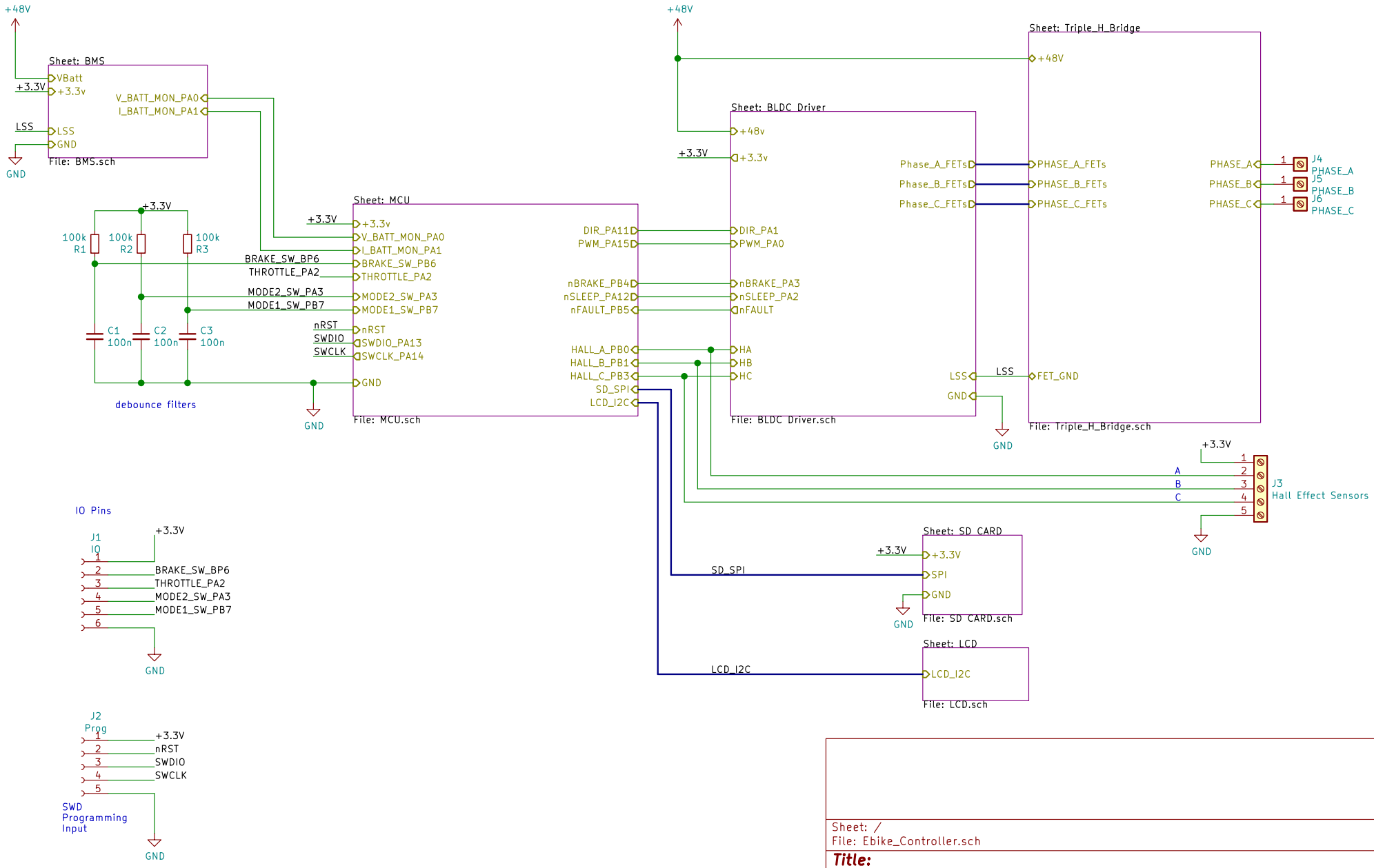
+48V
Sheet: BMS
VBatt
+3.3v
LSS
GND
V_BATT_MON_PA0
I_BATT_MON_PA1
File: BMS.sch
+3.3V
100k R1
100k R2
100k R3
C1 100n
C2 100n
C3 100n
debounce filters
Sheet: MCU
BRAKE_SW_PB6
THROTTLE_PA2
MODE2_SW_PA3
MODE1_SW_PB7
nRST
SWDIO
SWCLK
DIR_PA11
PWM_PA15
nBRAKE_PB4
nSLEEP_PA12
nFAULT_PB5
HALL_A_PB0
HALL_B_PB1
HALL_C_PB3
SD_SPI
LCD_I2C
File: MCU.sch
Sheet: BLDC Driver
DIR_PA1
PWM_PA0
nBRAKE_PA3
nSLEEP_PA2
nFAULT
HA
HB
HC
File: BLDC_Driver.sch
Sheet: Triple_H_Bridge
Phase_A_FETs
Phase_B_FETs
Phase_C_FETs
LSS
FET_GND
File: Triple_H_Bridge.sch
PHASE_A
PHASE_B
PHASE_C
J4 PHASE_A
J5 PHASE_B
J6 PHASE_C
J3 Hall Effect Sensors
IO Pins
J1 IO
J2 Prog
SWD Programming Input
Sheet: SD_CARD
SPI
File: SD_CARD.sch
Sheet: LCD
File: LCD.sch
Sheet: /
File: Ebike_Controller.sch
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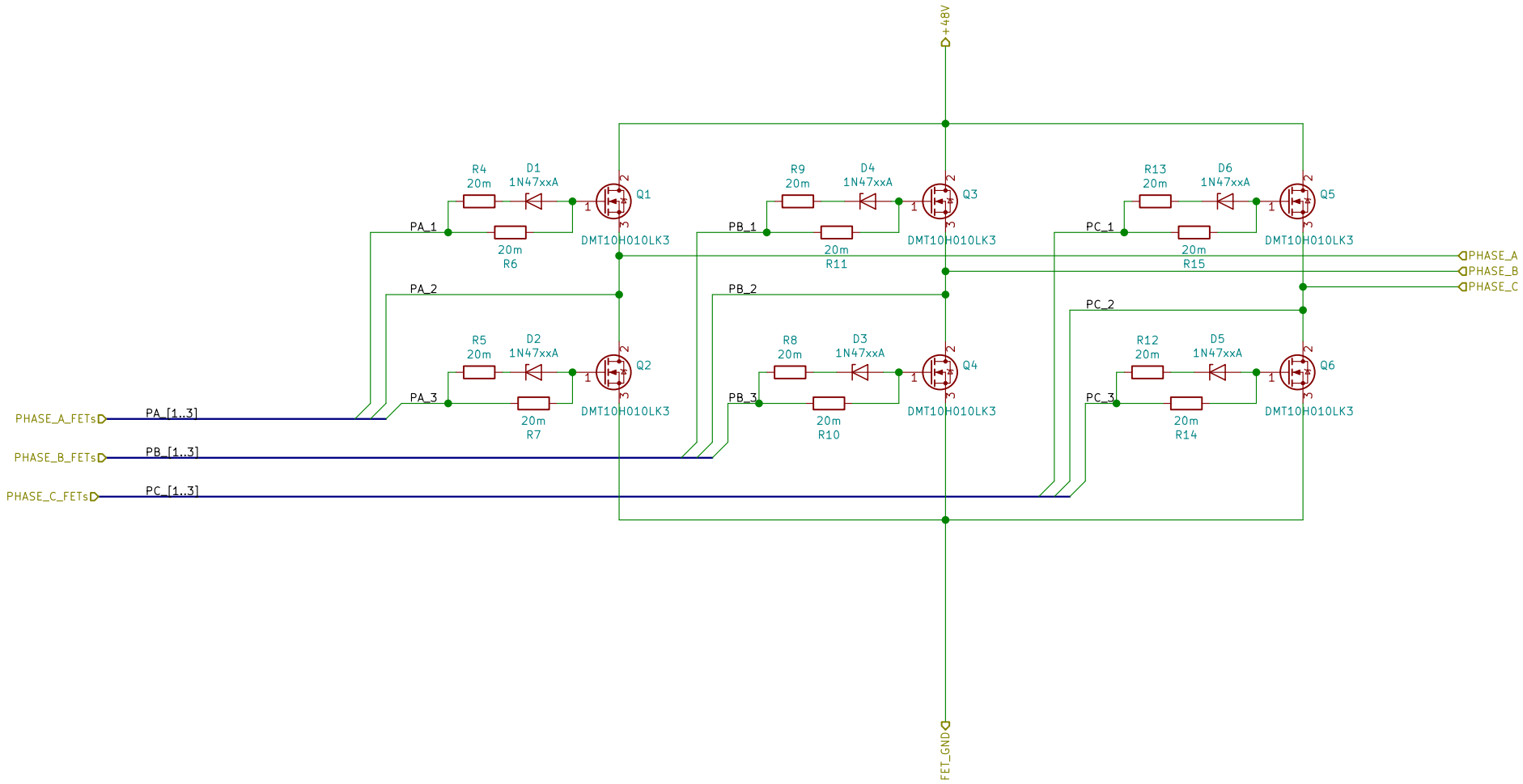
Size: A4
Date:
Rev:
KiCad E.D.A. kicad (5.1.5)-3
Id: 1/7



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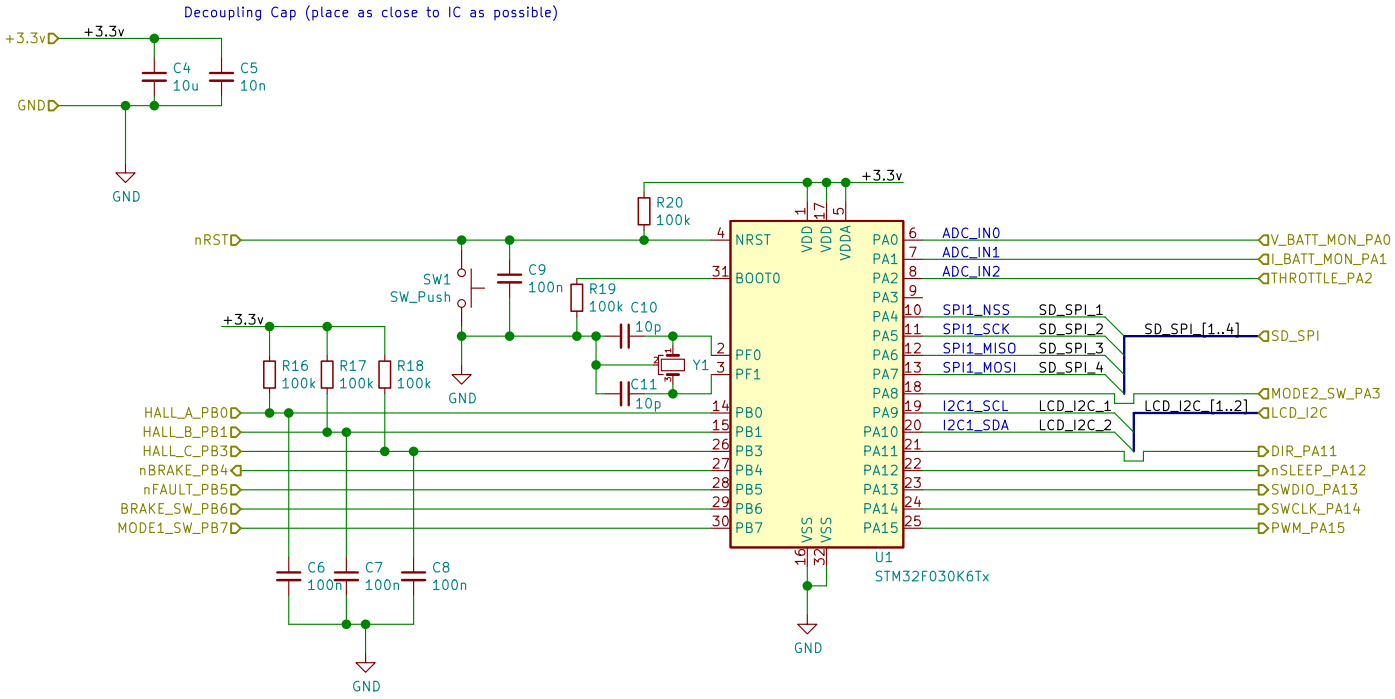
KiCad E.D.A. kicad (5.1.5)-3		Id: 2/7



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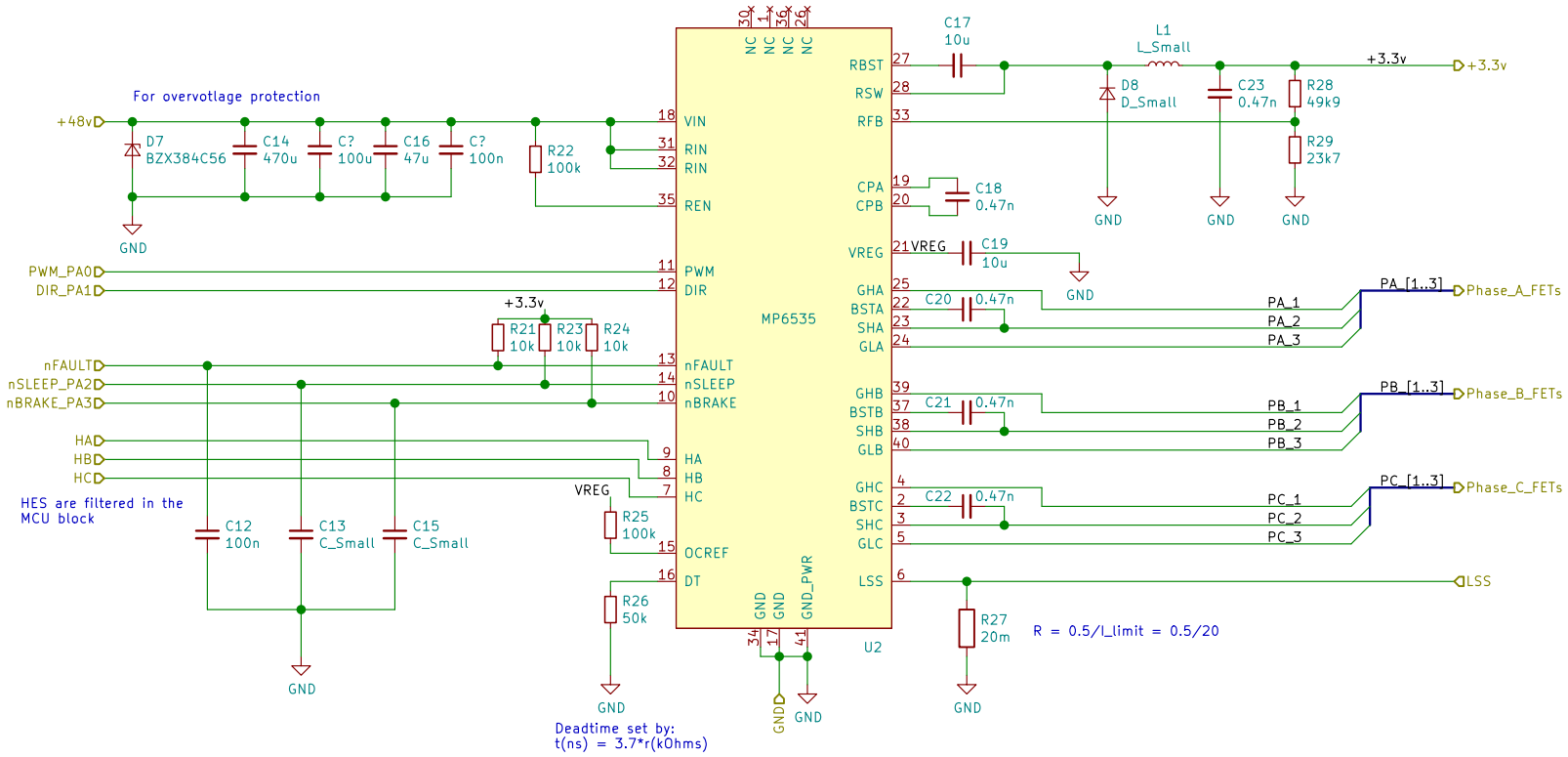
KiCad E.D.A. kicad (5.1.5)-3		Id: 3/7



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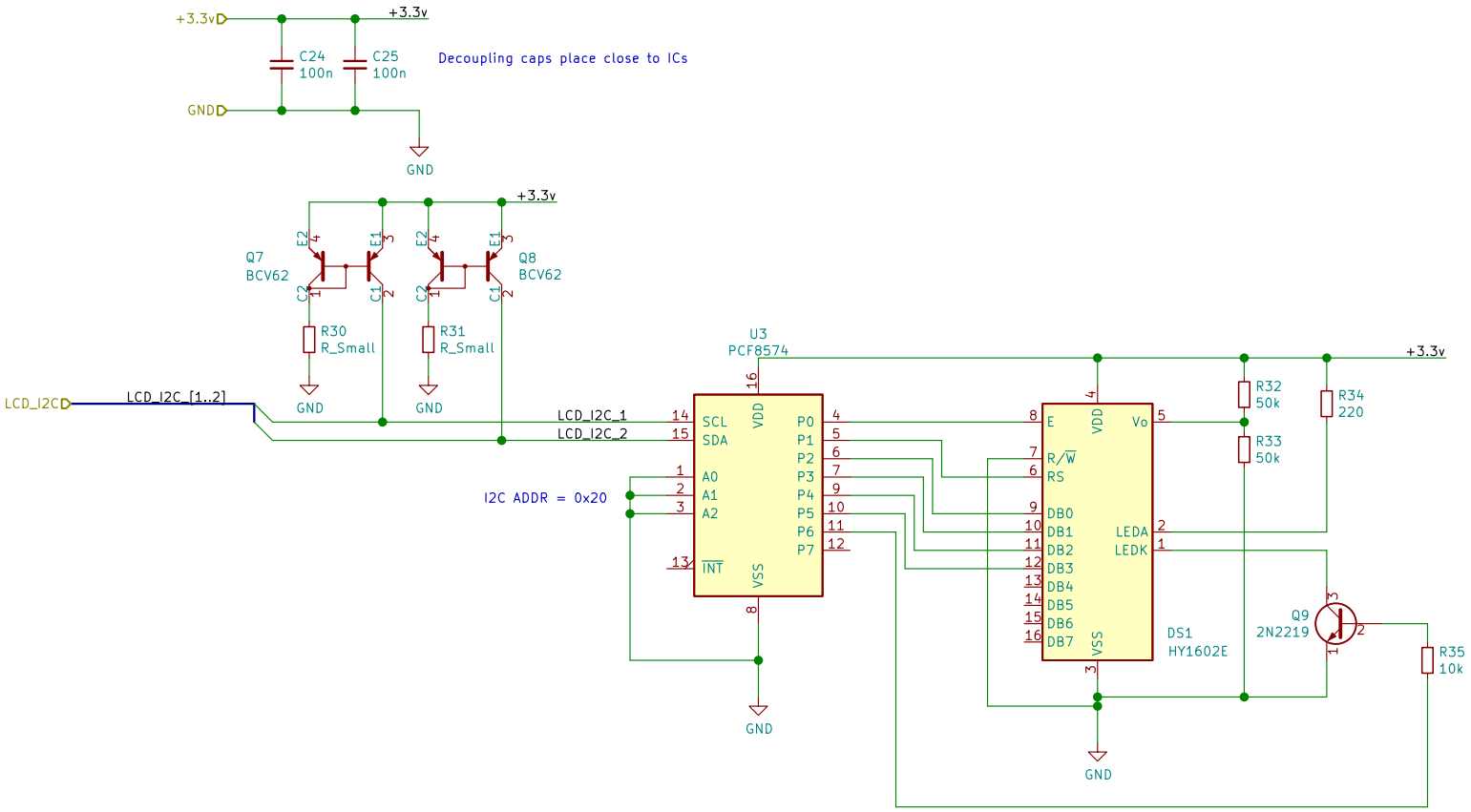

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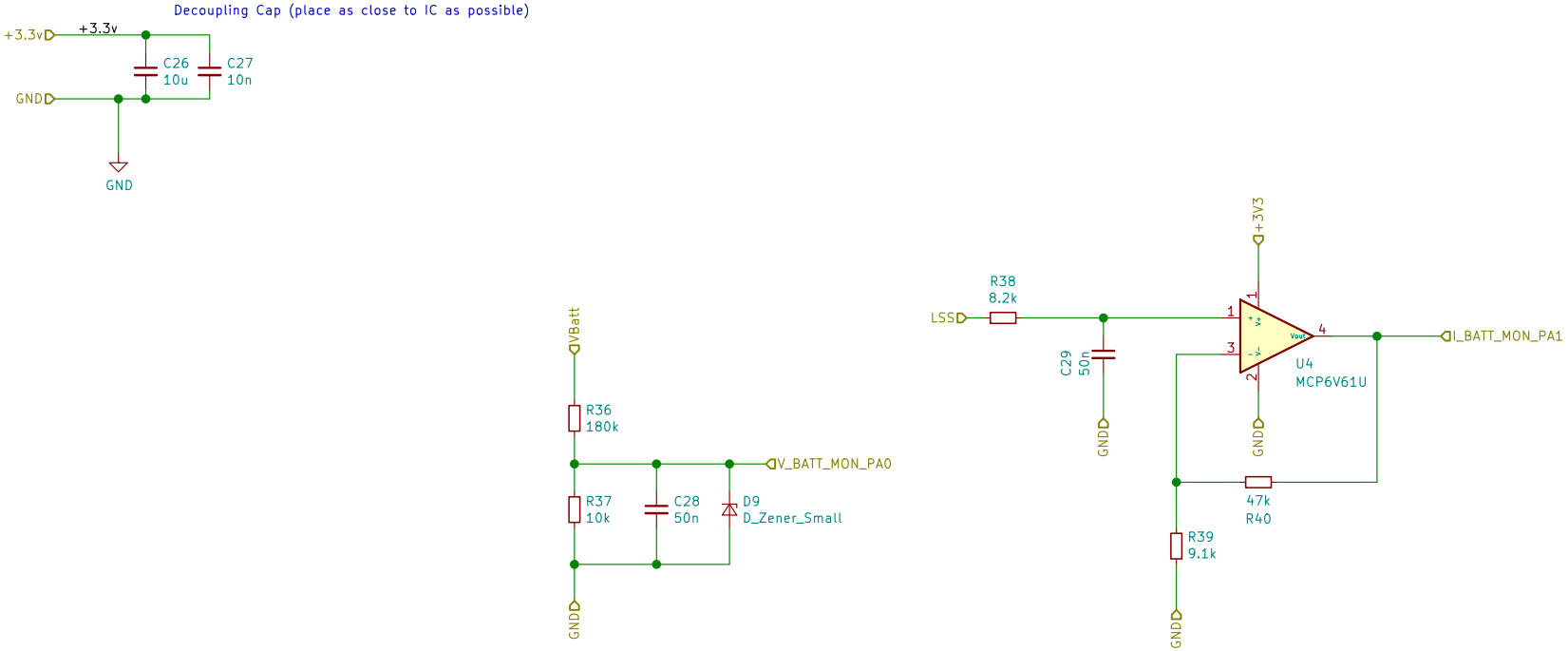
KiCad E.D.A. kicad (5.1.5)-3		Id: 5/7



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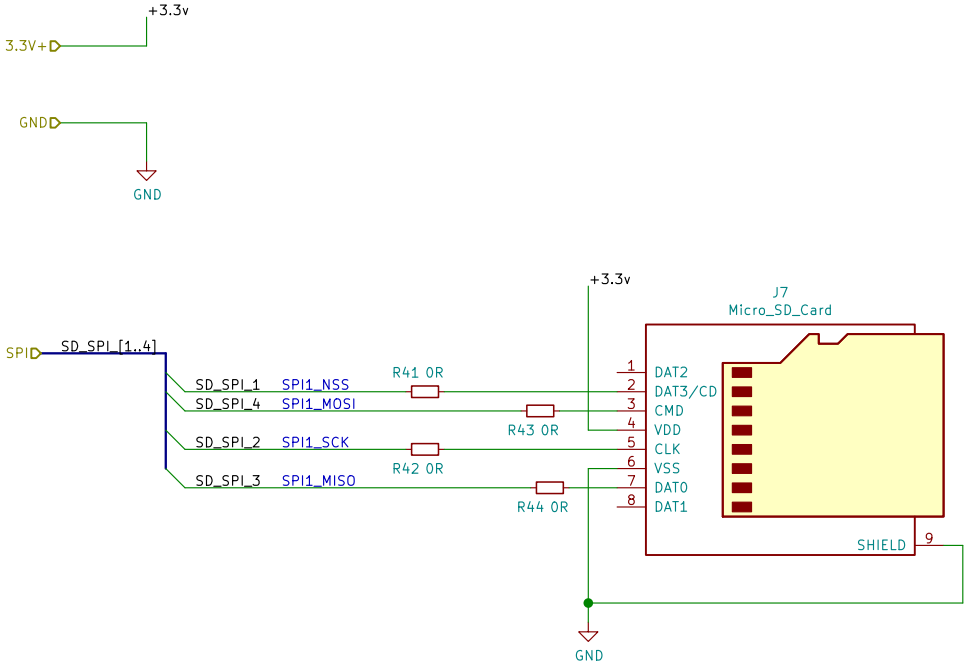

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