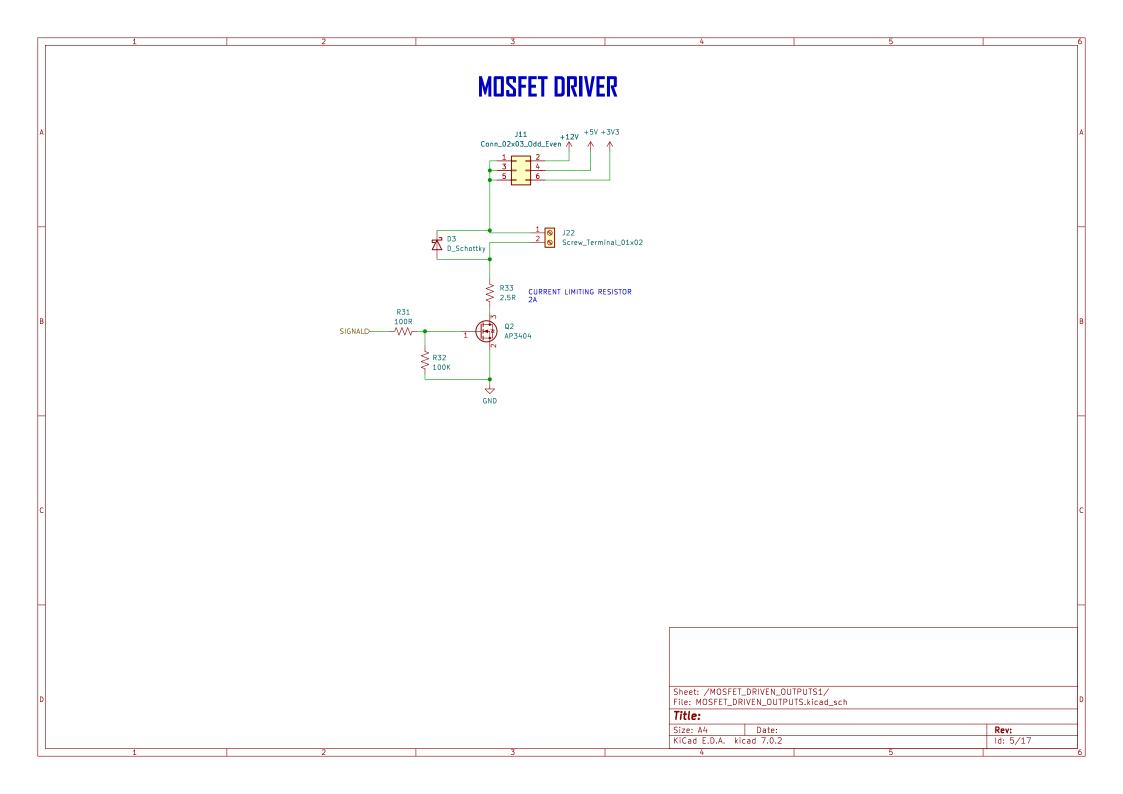
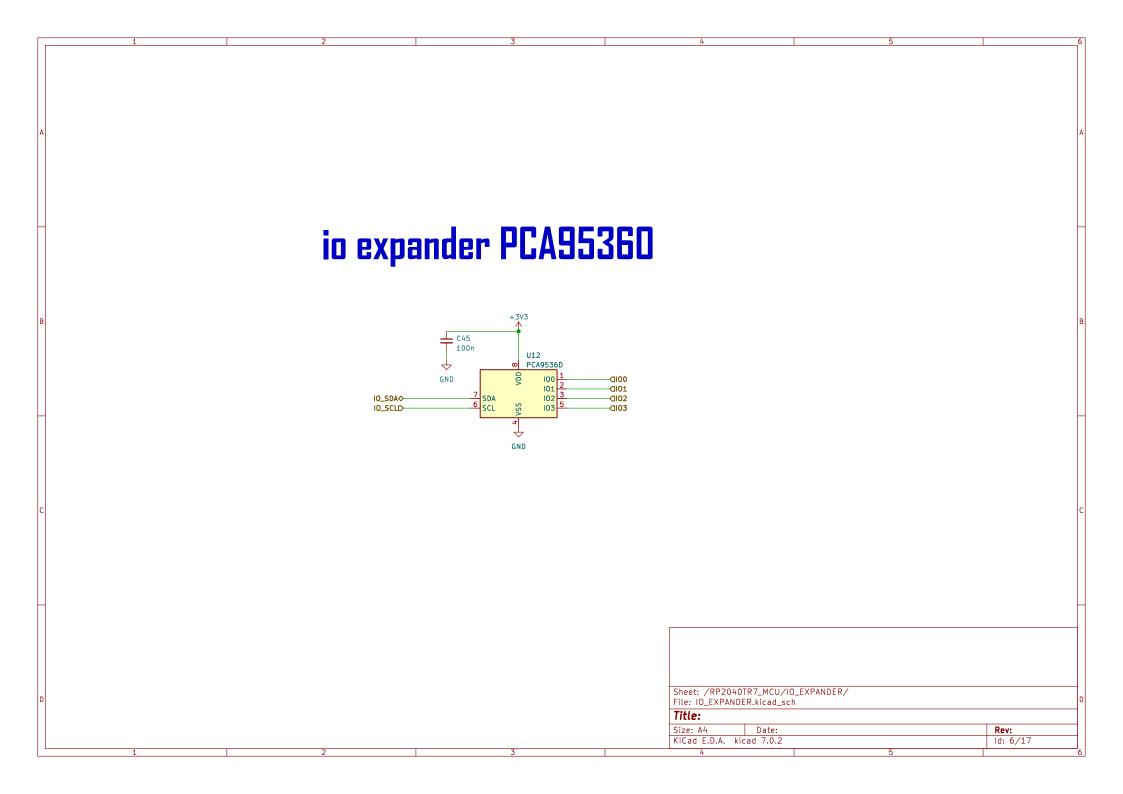
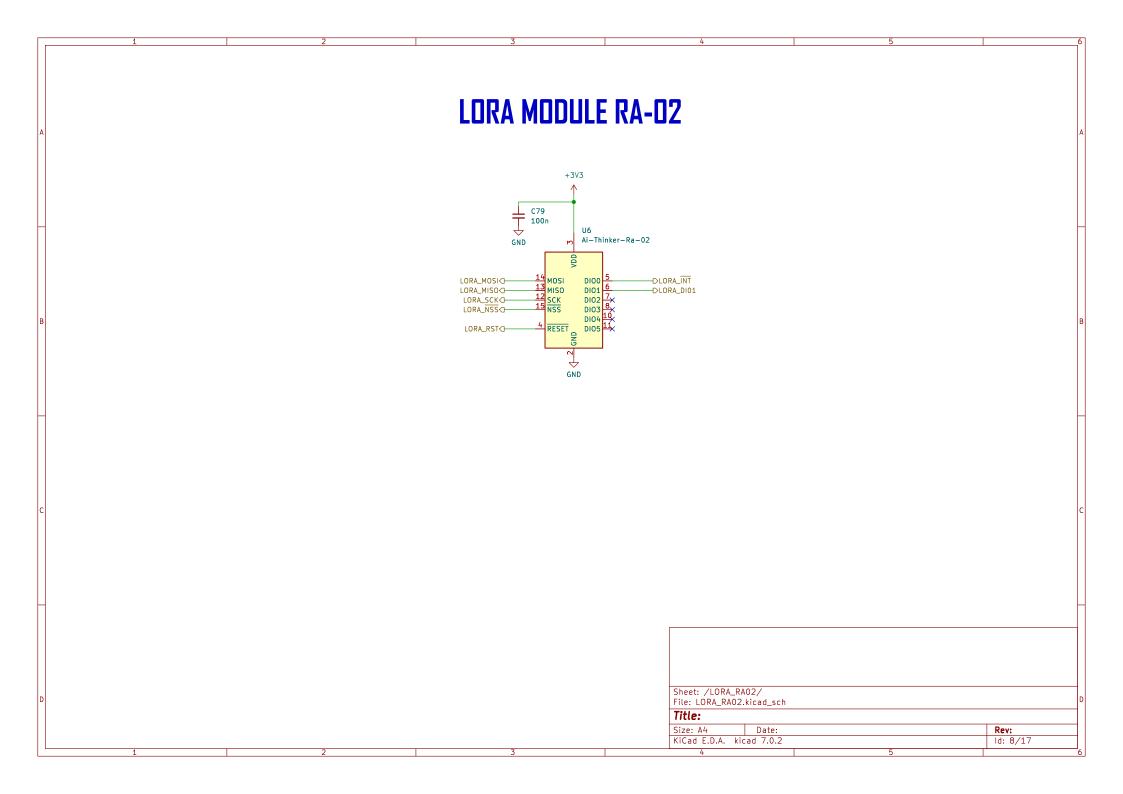
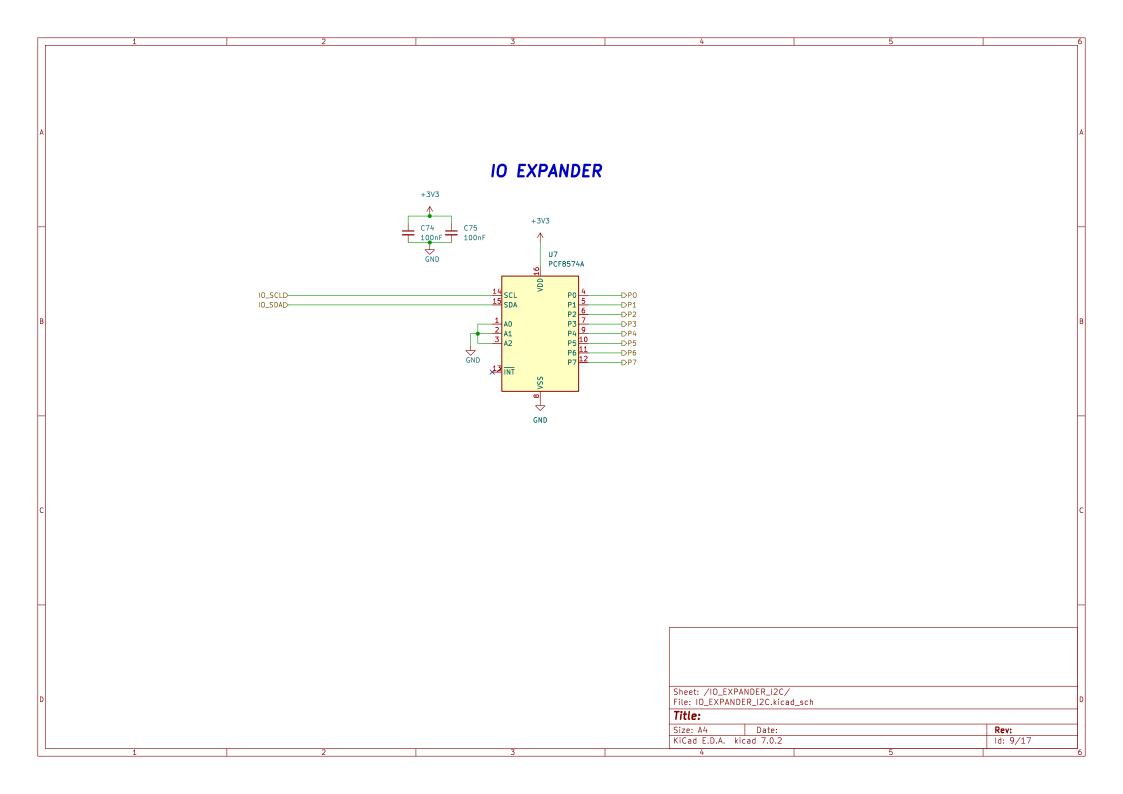


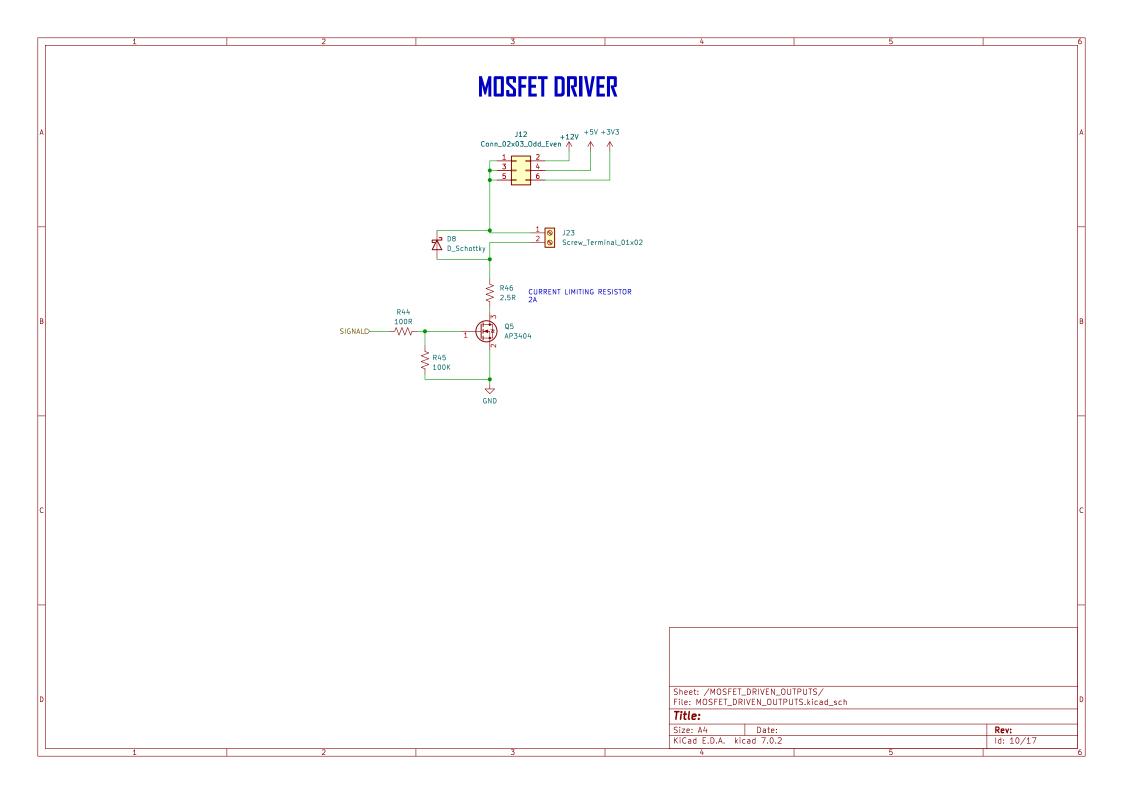
POWER PATH SELECTOR WITH LOW QUIESCENT/LEAKAGE CURRENT BSP170P-VB BSP170P-VB V_IN_ALTERNATED-1K -DPOWER_OUTPUT V_IN_MAIND-C22 C23 35V GND GND D4 GND B340A WHEN CIRUCIT IS ON 24v is Connected - voltage across the gate is at a max of 20V(our gate can handle upto 25v) - when not connected the gateis at 0V and source at 5V which enable power to flow through the circuit Sheet: /MPPT_SOLAR_CHARGER_CN3722/power_path_simple/ File: power_path_simple.kicad_sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad 7.0.2 ld: 4/17

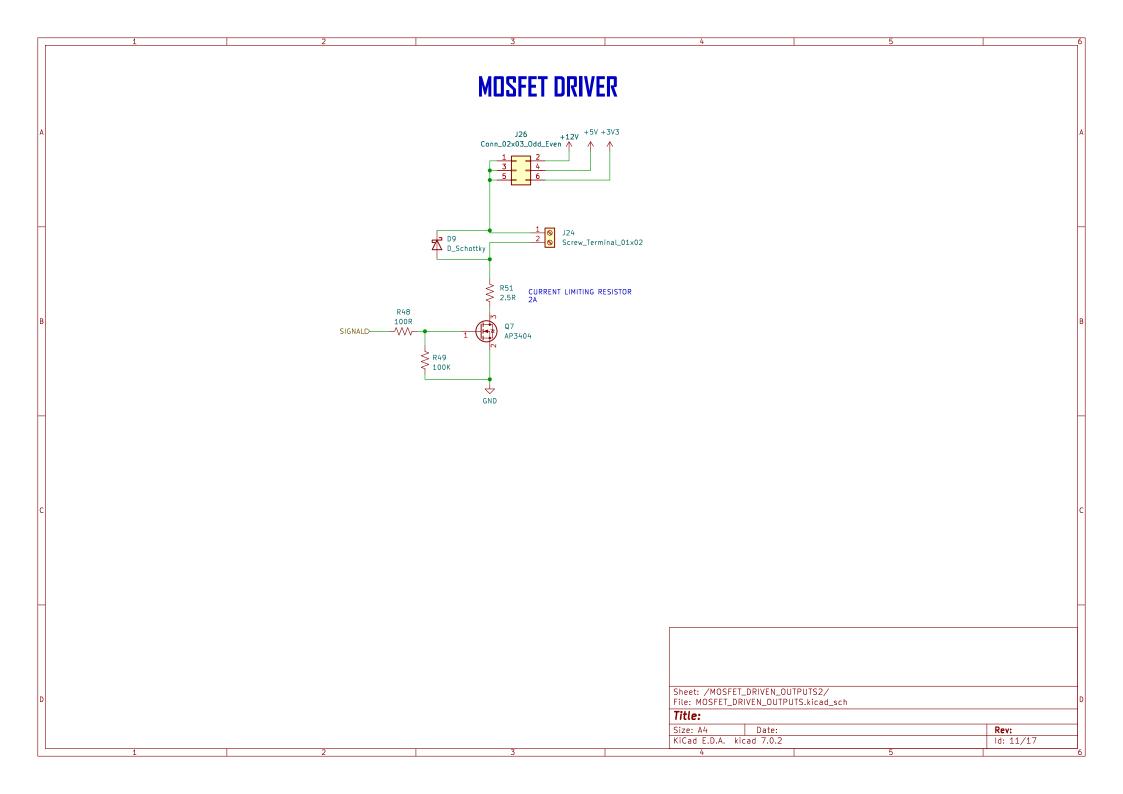


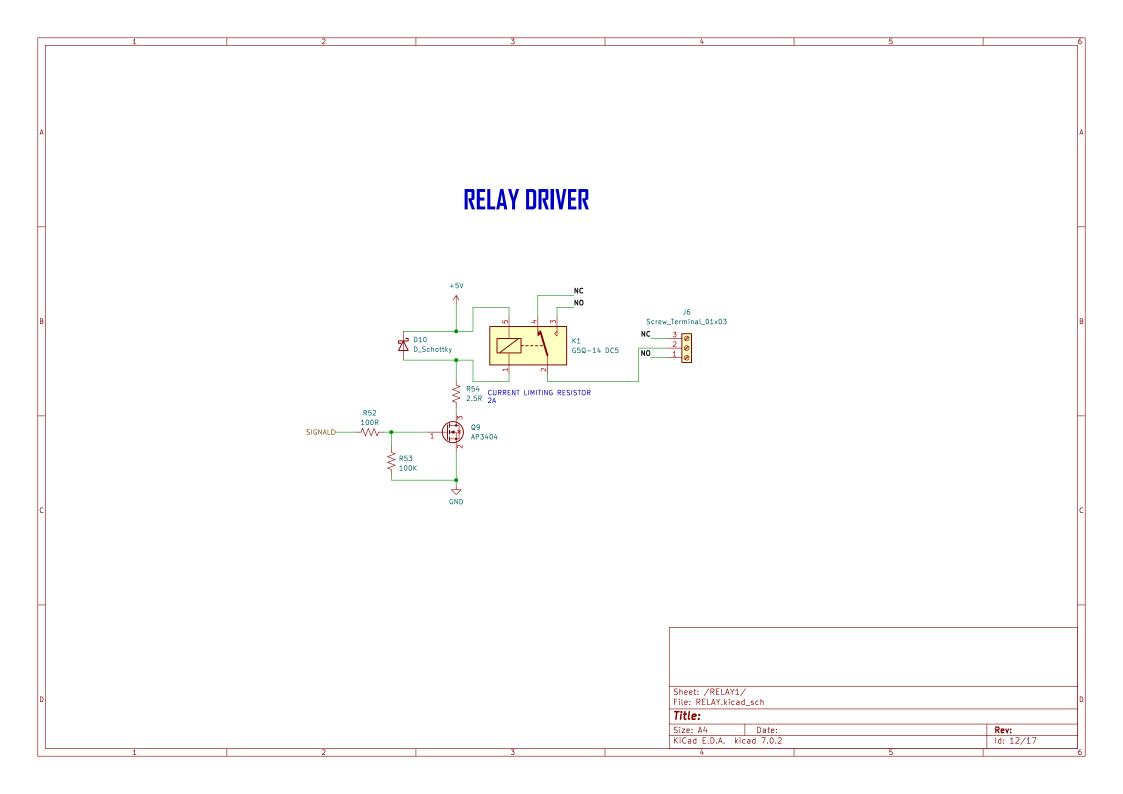


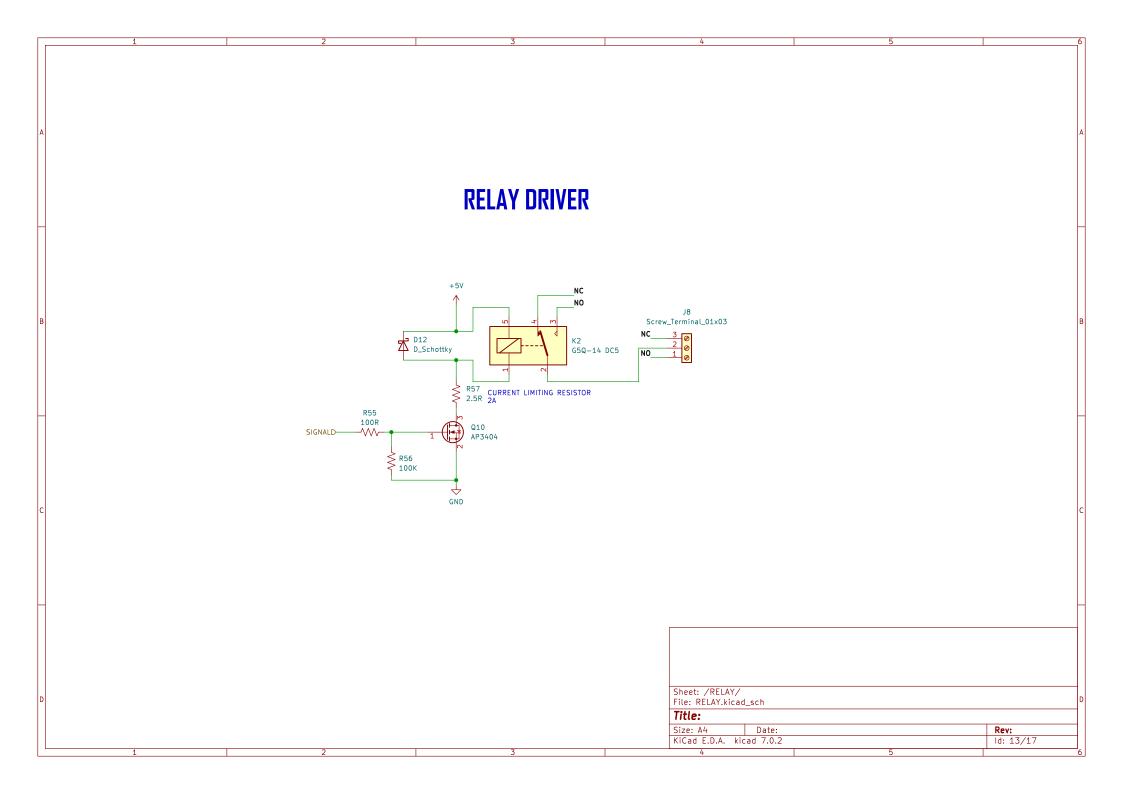




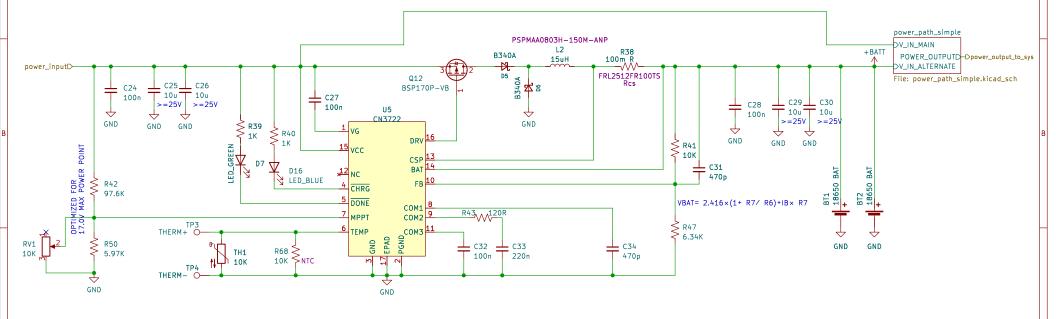




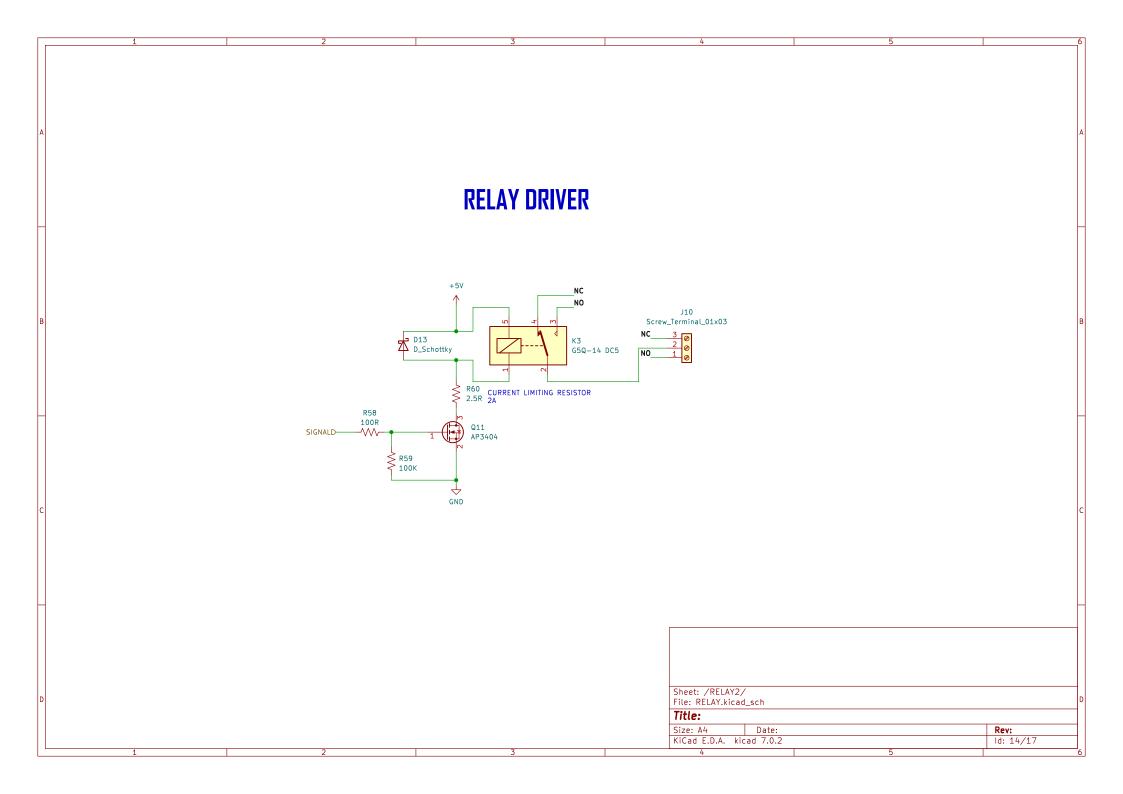




MPPT CHARGER CONTROLLER WITH BATTERY CHARGER

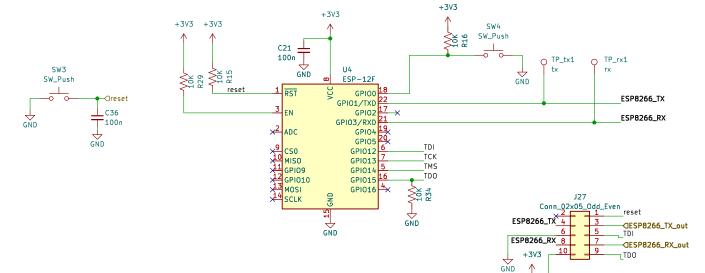


2



BUCK BOOST CONVERTER 5V 1.5 A OUTPUT L3 1.5u IHLP2525CZER1R5M01 TPS63070RNMT ACTUAL OUTPUT = 5.3V POWER_INPUTD-POWER_OUTPUT VOUT ₹ R69 560K ₹ R70 100K R71 ______10K PG C35 C37 C38 100 15V 100 C38 PS/SYNC C40 10u>15V C41 C42 22u>15V 22u>15V C43 22u>15V C39 PG 100n VSEL FB2 ₹ R72 100K VAUX + C44 GND Sheet: /BUCK_BOOST_CONVERTER_TPS63070_5V/ File: BUCK BOOST CONVERTER TPS63070 5V.kicad sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad 7.0.2 ld: 16/17

ESP 12F WiFi/BLE MODULE



Sheet: /RP2040TR7_MCU/ESP-12F_wifi_module/
File: ESP-12F_wifi_module.kicad_sch

Title:

 Size: A4
 Date:
 Rev:

 KiCad E.D.A. kicad 7.0.2
 Id: 16/17

