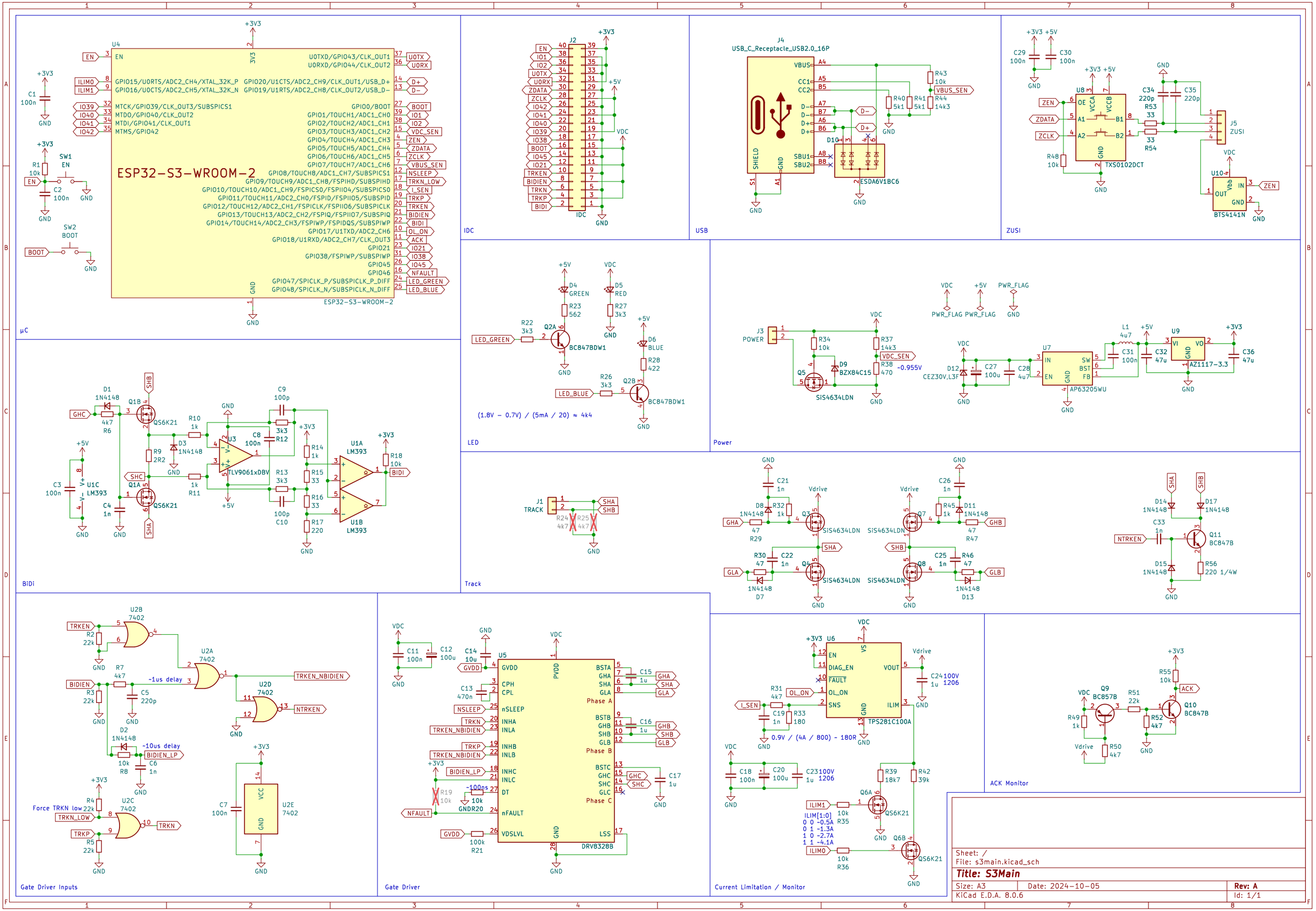
ESP32-S3-WROOM-2
µC
IDC
USB
J4
USB_C_Receptacle_USB2.0_16P
ESDA6V1BC6
ZUSI
TXS0102DCT
BTS4141N
LED
(1.8V – 0.7V) / (5mA / 20) ≈ 4k4
Power
SiS4634LDN
AP63205WU
AZ1117-3.3
TPS281C100A
BiDi
TLV9061xDBV
LM393
Track
Gate Driver Inputs
Force TRKN low
Gate Driver
DRV8328B
Current Limitation / Monitor
ILIM[1:0]
0 0 ~0.5A
0 1 ~1.3A
1 0 ~2.7A
1 1 ~4.1A
ACK Monitor
Sheet: /
File: s3main.kicad_sch
Title: S3Main
Size: A3
Date: 2024-10-05
Rev: A
KiCad E.D.A. 8.0.6
Id: 1/1