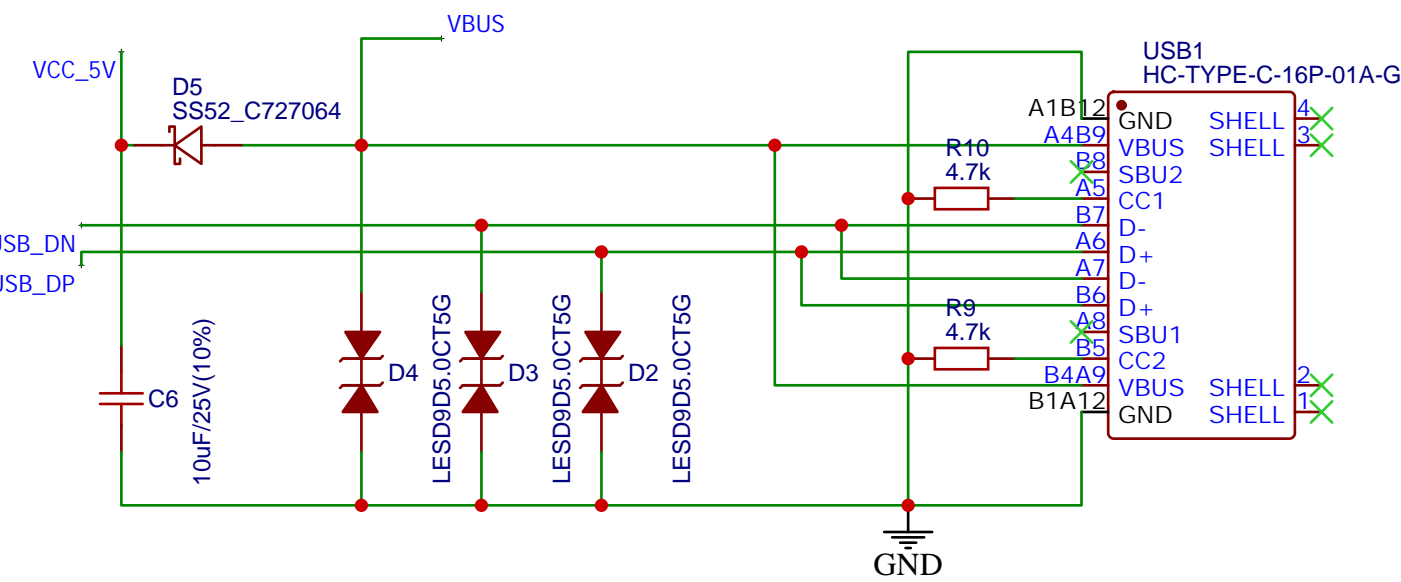
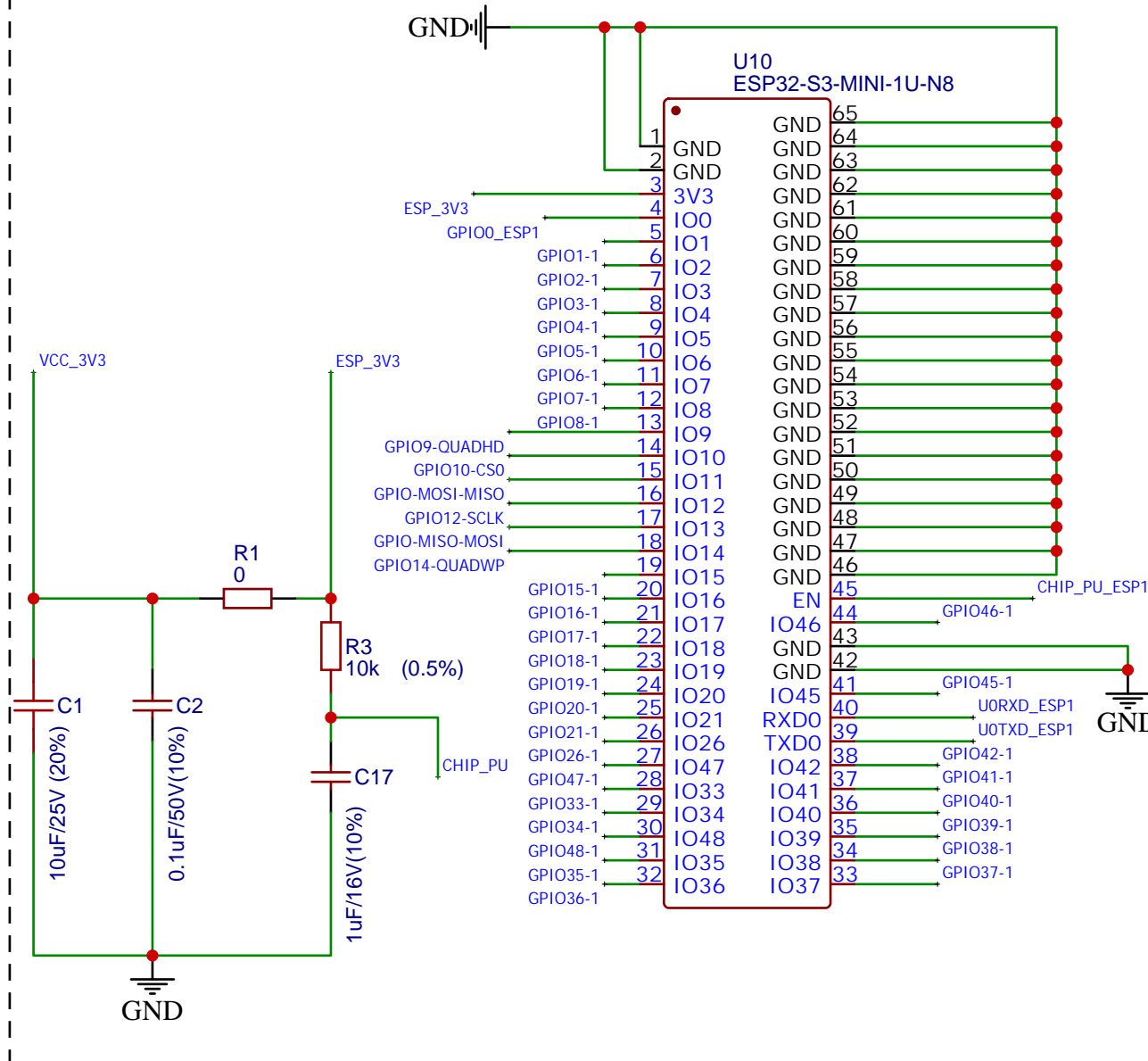


USB to UART Bridge Circuit

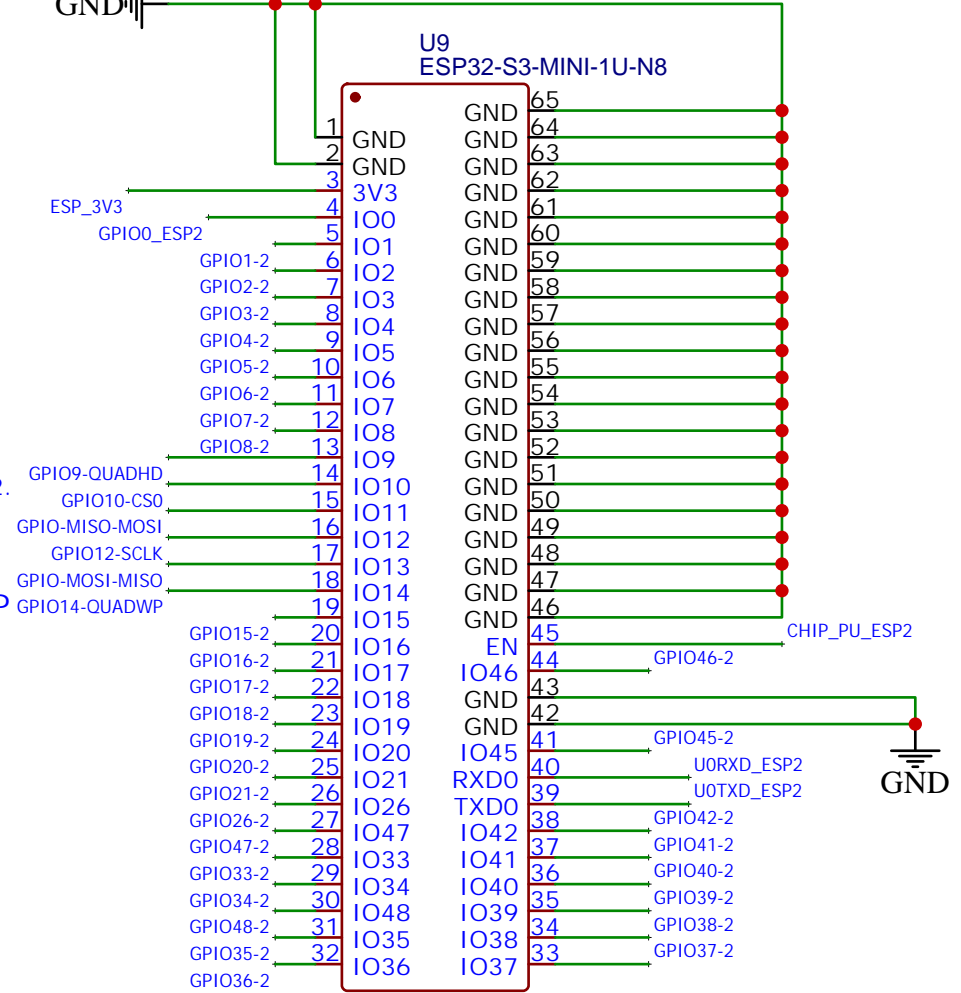
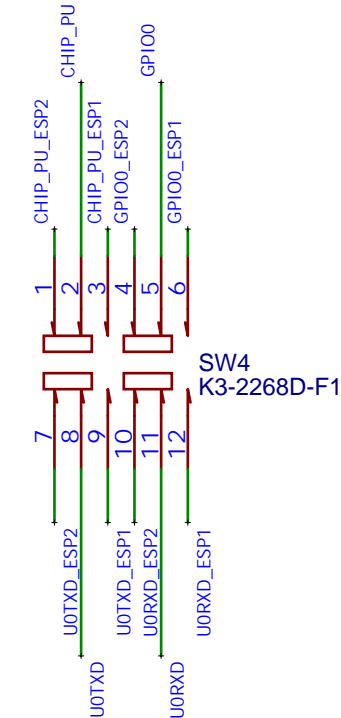


ESP32-S3 ESP32-1



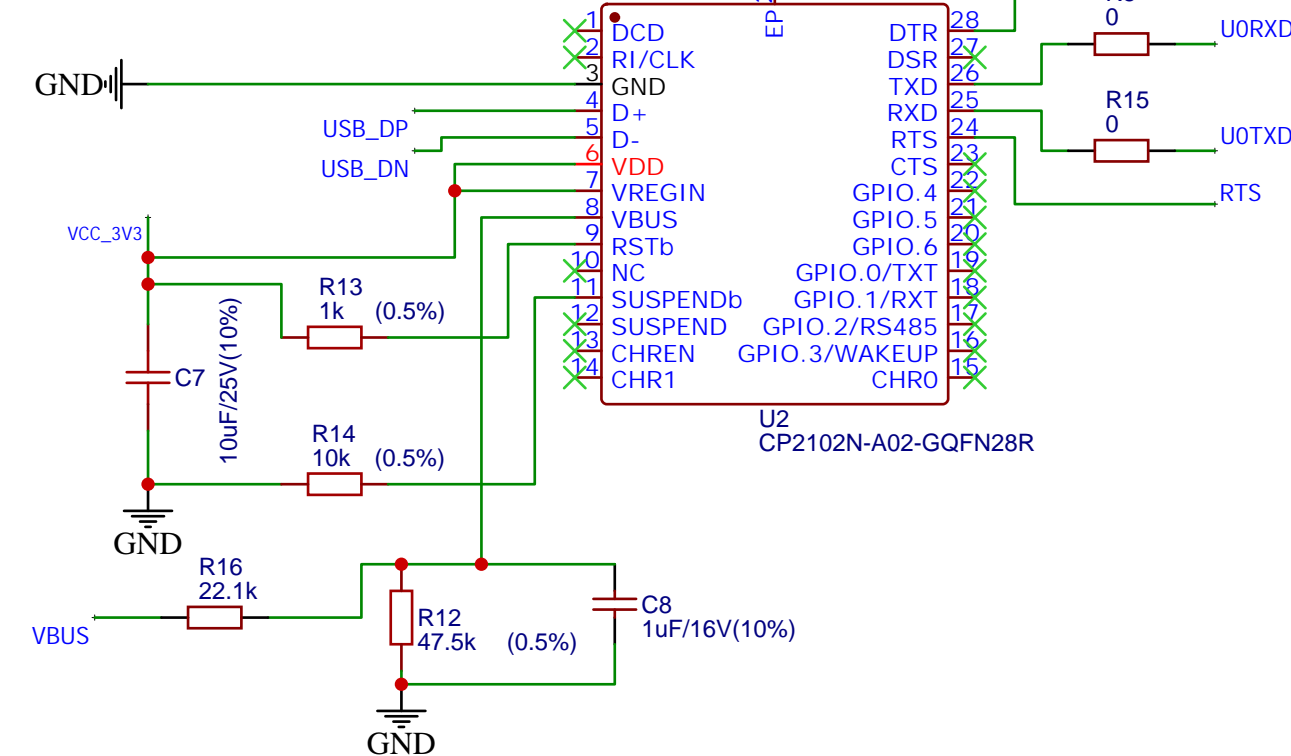
Comment for Next Design:
CHIP_PU & GPIO0 Should be high
for normal function for both esp32.
So, the SWT need to guide only
U0TXD & U0RXD to program
each esp32 separately

Slide switch Alt: K3-2268P



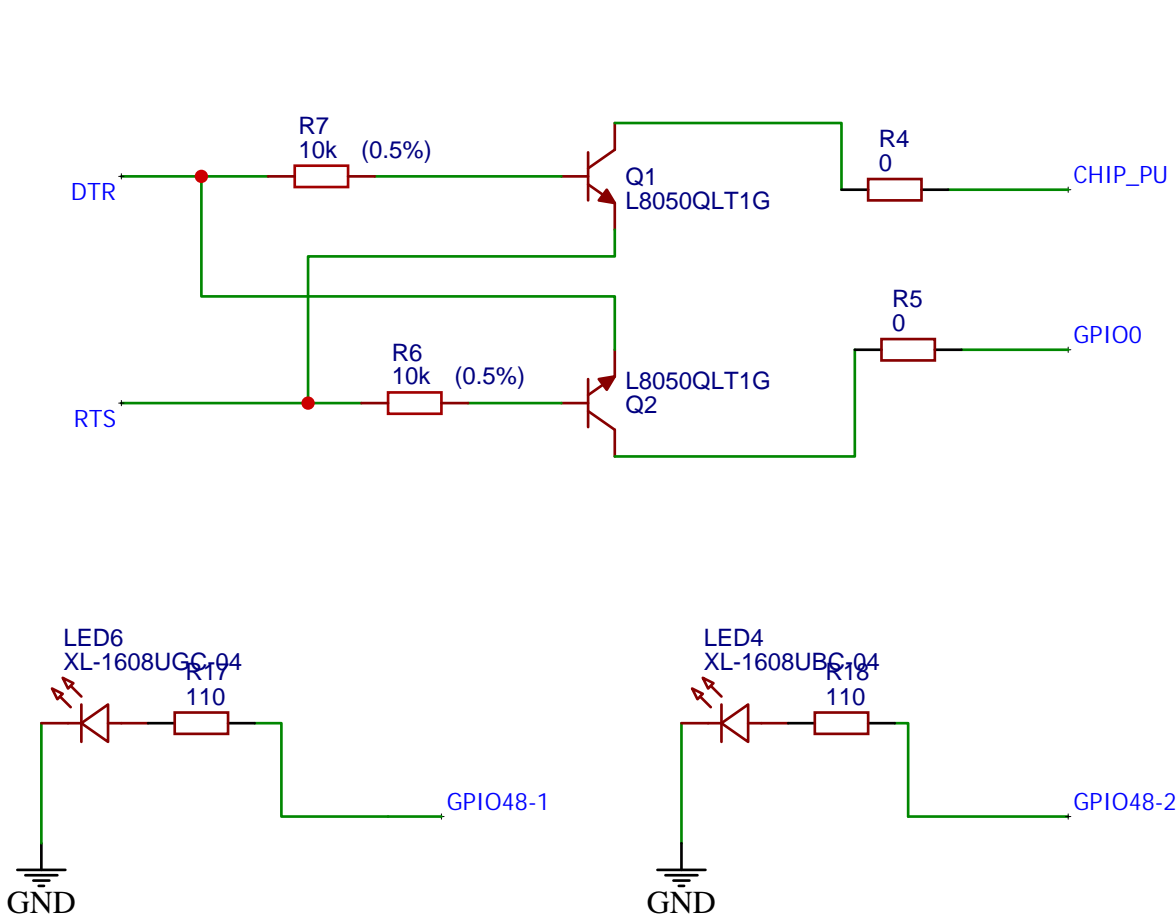
Connector Pinout - Female

USB to UART

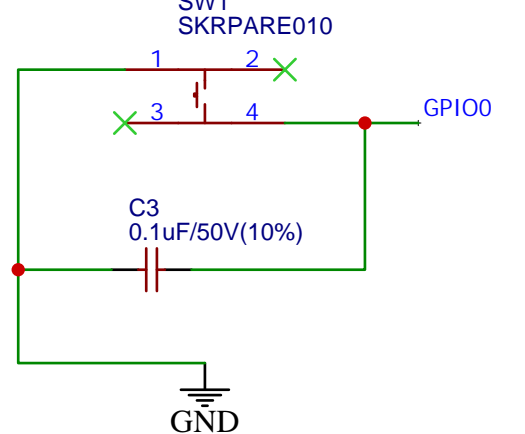


Power Management Power max 12v 3A

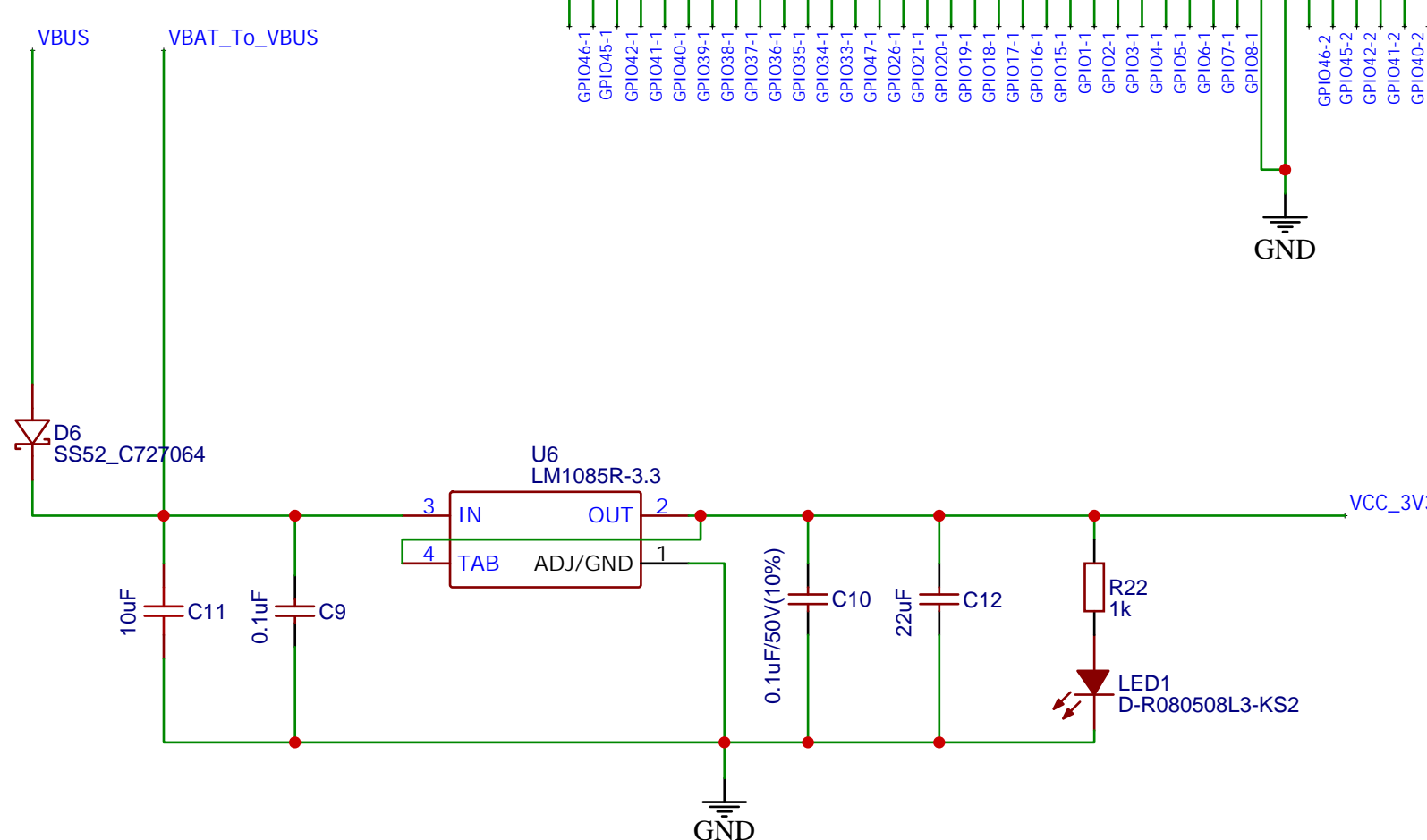
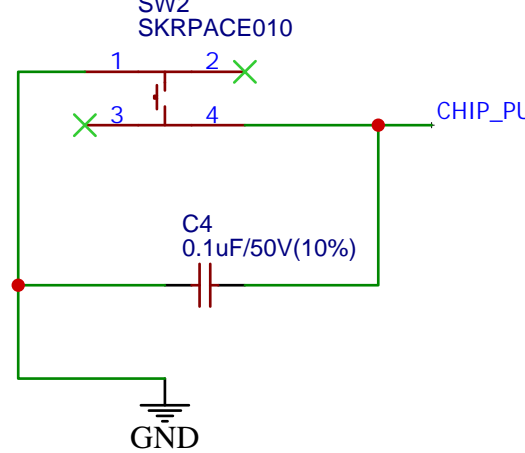
ESP USB (USB Device Interface Circuit)



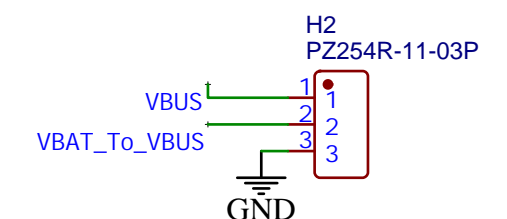
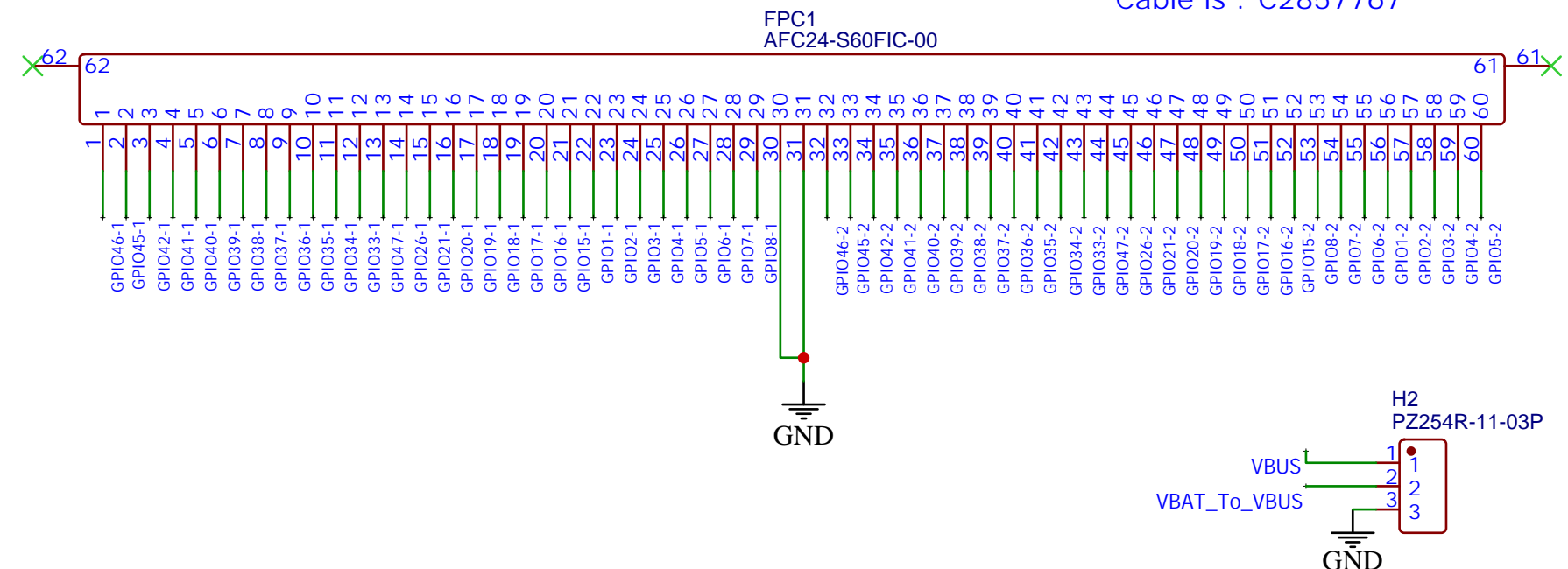
Boot Button



Reset Button



Cable is : C2857767



ESP32-S3-DevKitM-1 Schematic: https://dl.espressif.com/dl/schematics/SCH_ESP32-S3-DEVKITM-1_V1_20210310A.pdf

ESP32-S3 Datasheet: https://www.espressif.com/sites/default/files/documentation/esp32-s3-mini-1u_mini-1u_datasheet_en.pdf

TITLE: ESP32-S3 Dual Controller Board		REV: 1.0
EasyEDA	Company: AliNK	Sheet: 1/1
	Date: 2024-02-24	Drawn By: alinajm7