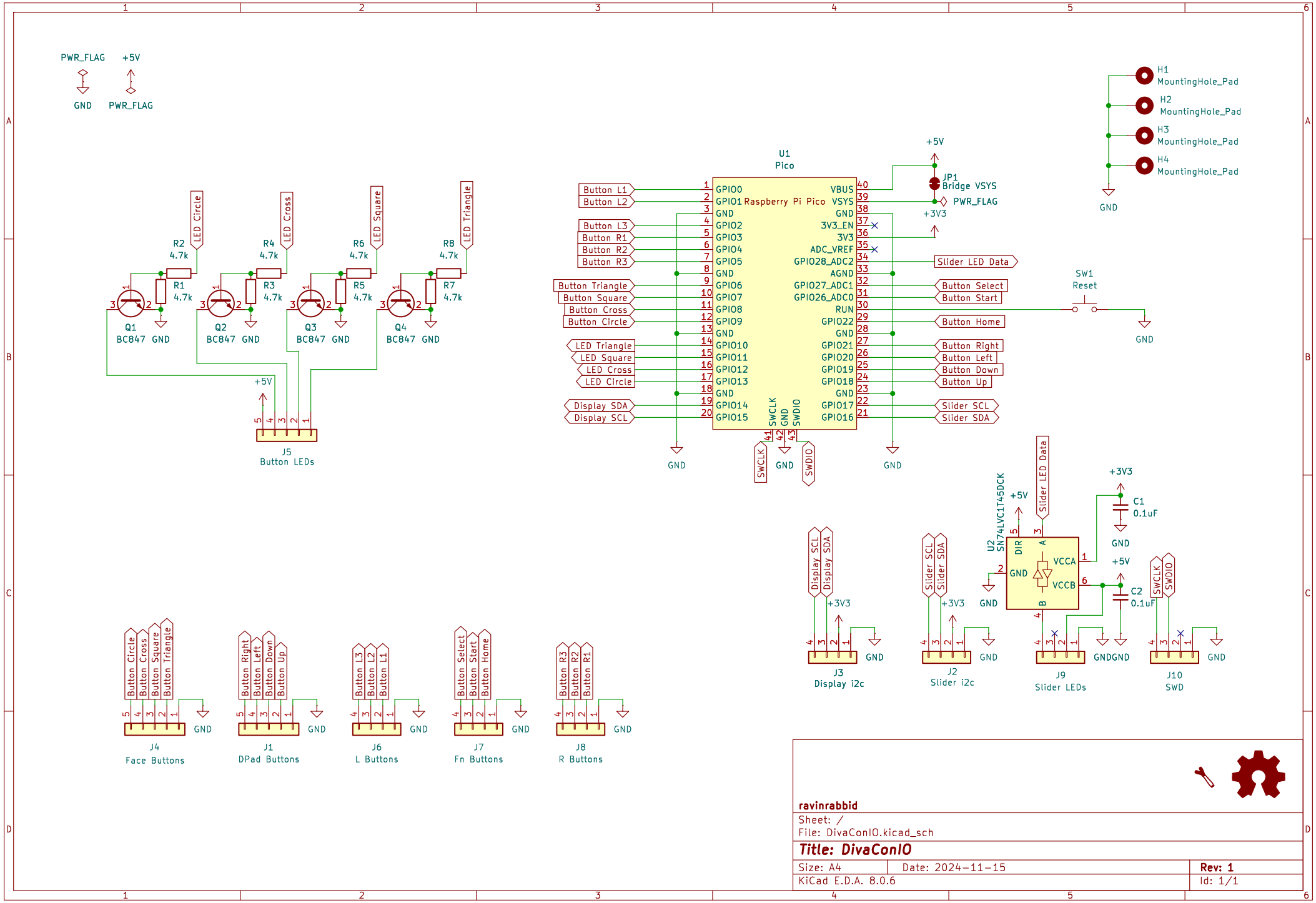
PWR_FLAG
+5V
GND
PWR_FLAG
H1
MountingHole_Pad
H2
MountingHole_Pad
H3
MountingHole_Pad
H4
MountingHole_Pad
GND
U1
Pico
Raspberry Pi Pico
GPIO0
GPIO1
GND
GPIO2
GPIO3
GPIO4
GPIO5
GND
GPIO6
GPIO7
GPIO8
GPIO9
GND
GPIO10
GPIO11
GPIO12
GPIO13
GND
GPIO14
GPIO15
VBUS
VSYS
GND
3V3_EN
3V3
ADC_VREF
GPIO28_ADC2
AGND
GPIO27_ADC1
GPIO26_ADC0
RUN
GPIO22
GND
GPIO21
GPIO20
GPIO19
GPIO18
GND
GPIO17
GPIO16
SWCLK
GND
SWDIO
Button L1
Button L2
Button L3
Button R1
Button R2
Button R3
Button Triangle
Button Square
Button Cross
Button Circle
LED Triangle
LED Square
LED Cross
LED Circle
Display SDA
Display SCL
Slider LED Data
Button Select
Button Start
Button Home
Button Right
Button Left
Button Down
Button Up
Slider SCL
Slider SDA
+5V
JP1
Bridge VSYS
PWR_FLAG
+3V3
SW1
Reset
GND
R2
4.7k
R1
4.7k
Q1
BC847
R4
4.7k
R3
4.7k
Q2
BC847
R6
4.7k
R5
4.7k
Q3
BC847
R8
4.7k
R7
4.7k
Q4
BC847
J5
Button LEDs
U2
SN74LVC1T45DCK
DIR
GND
VCCA
VCCB
A
B
C1
0.1uF
C2
0.1uF
J3
Display i2c
J2
Slider i2c
J9
Slider LEDs
J10
SWD
J4
Face Buttons
J1
DPad Buttons
J6
L Buttons
J7
Fn Buttons
J8
R Buttons
ravinrabbid
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File: DivaConIO.kicad_sch
Title: DivaConIO
Size: A4
Date: 2024-11-15
Rev: 1
KiCad E.D.A. 8.0.6
Id: 1/1