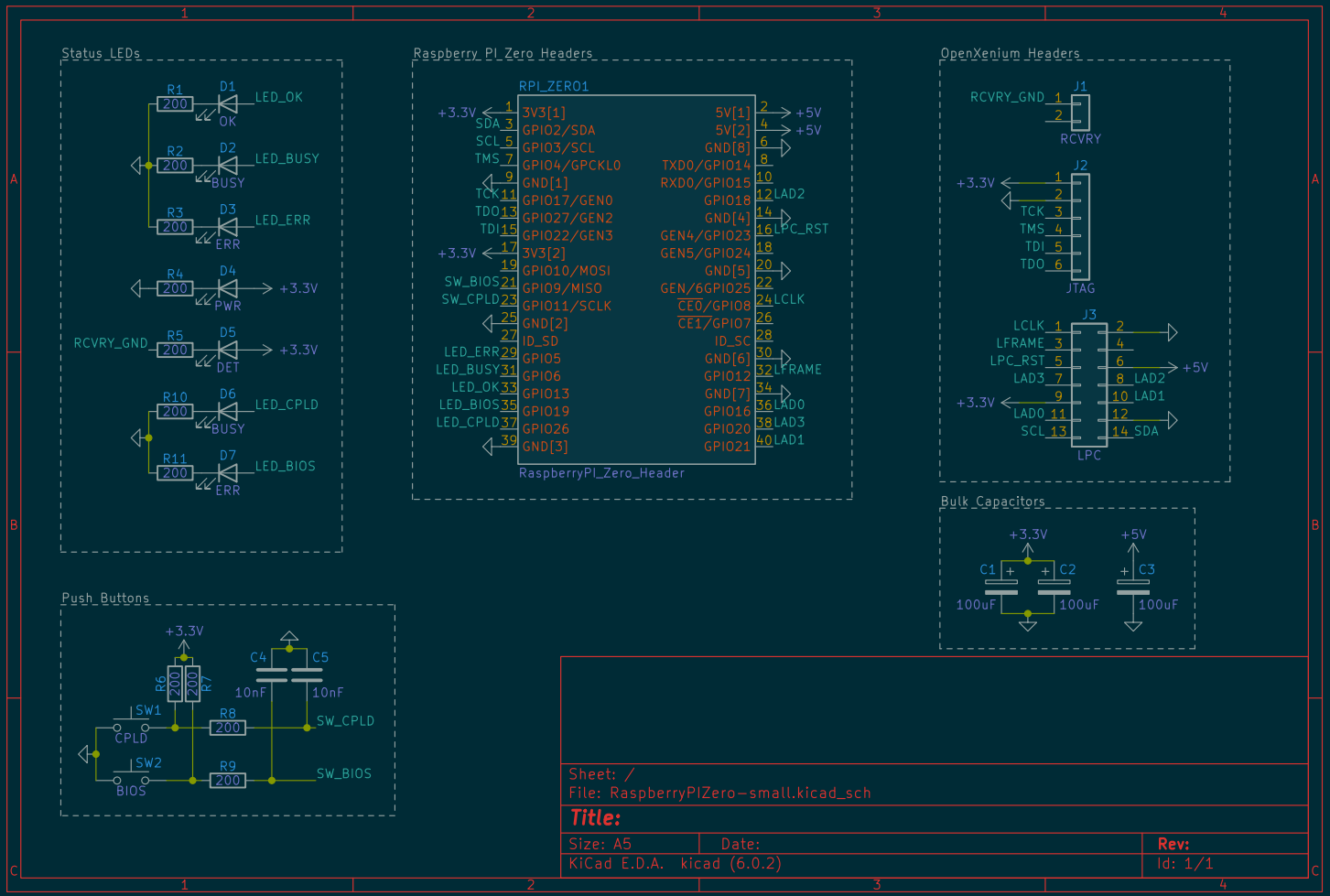
Status LEDs
R1 200 D1 OK LED_OK
R2 200 D2 BUSY LED_BUSY
R3 200 D3 ERR LED_ERR
R4 200 D4 PWR +3.3V
RCVRY_GND R5 200 D5 DET +3.3V
R10 200 D6 BUSY LED_CPLD
R11 200 D7 ERR LED_BIOS
Raspberry PI Zero Headers
RPI_ZERO01
+3.3V 1 3V3[1]
SDA 3 GPIO2/SDA
SCL 5 GPIO3/SCL
TMS 7 GPIO4/GPCKL0
9 GND[1]
TCK 11 GPIO17/GEN0
TDO 13 GPIO27/GEN2
TDI 15 GPIO22/GEN3
+3.3V 17 3V3[2]
19 GPIO10/MOSI
SW_BIOS 21 GPIO9/MISO
SW_CPLD 23 GPIO11/SCLK
25 GND[2]
27 ID_SD
LED_ERR 29 GPIO5
LED_BUSY 31 GPIO6
LED_OK 33 GPIO13
LED_BIOS 35 GPIO19
LED_CPLD 37 GPIO26
39 GND[3]
2 5V[1] +5V
4 5V[2] +5V
6 GND[8]
8 TXD0/GPIO14
10 RXD0/GPIO15
12 GPIO18 LAD2
14 GND[4]
16 GEN4/GPIO23 LPC_RST
18 GEN5/GPIO24
20 GND[5]
22 GEN/6GPIO25
24 CE0/GPIO8 LCLK
26 CE1/GPIO7
28 ID_SC
30 GND[6]
32 GPIO12 LFRAME
34 GND[7]
36 GPIO16 LAD0
38 GPIO20 LAD3
40 GPIO21 LAD1
RaspberryPI_Zero_Header
OpenXenium Headers
J1
RCVRY_GND 1
2
RCVRY
J2
+3.3V 1
2
TCK 3
TMS 4
TDI 5
TDO 6
JTAG
J3
LCLK 1 2
LFRAME 3 4
LPC_RST 5 6 +5V
LAD3 7 8 LAD2
+3.3V 9 10 LAD1
LAD0 11 12
SCL 13 14 SDA
LPC
Bulk Capacitors
+3.3V
C1 100uF
C2 100uF
+5V
C3 100uF
Push Buttons
+3.3V
R6 200
R7 200
C4 10nF
C5 10nF
SW1
CPLD
R8 200
SW_CPLD
SW2
BIOS
R9 200
SW_BIOS
Sheet: /
File: RaspberryPIZero-small.kicad_sch
Title:
Size: A5
Date:
Rev:
KiCad E.D.A. kicad (6.0.2)
Id: 1/1