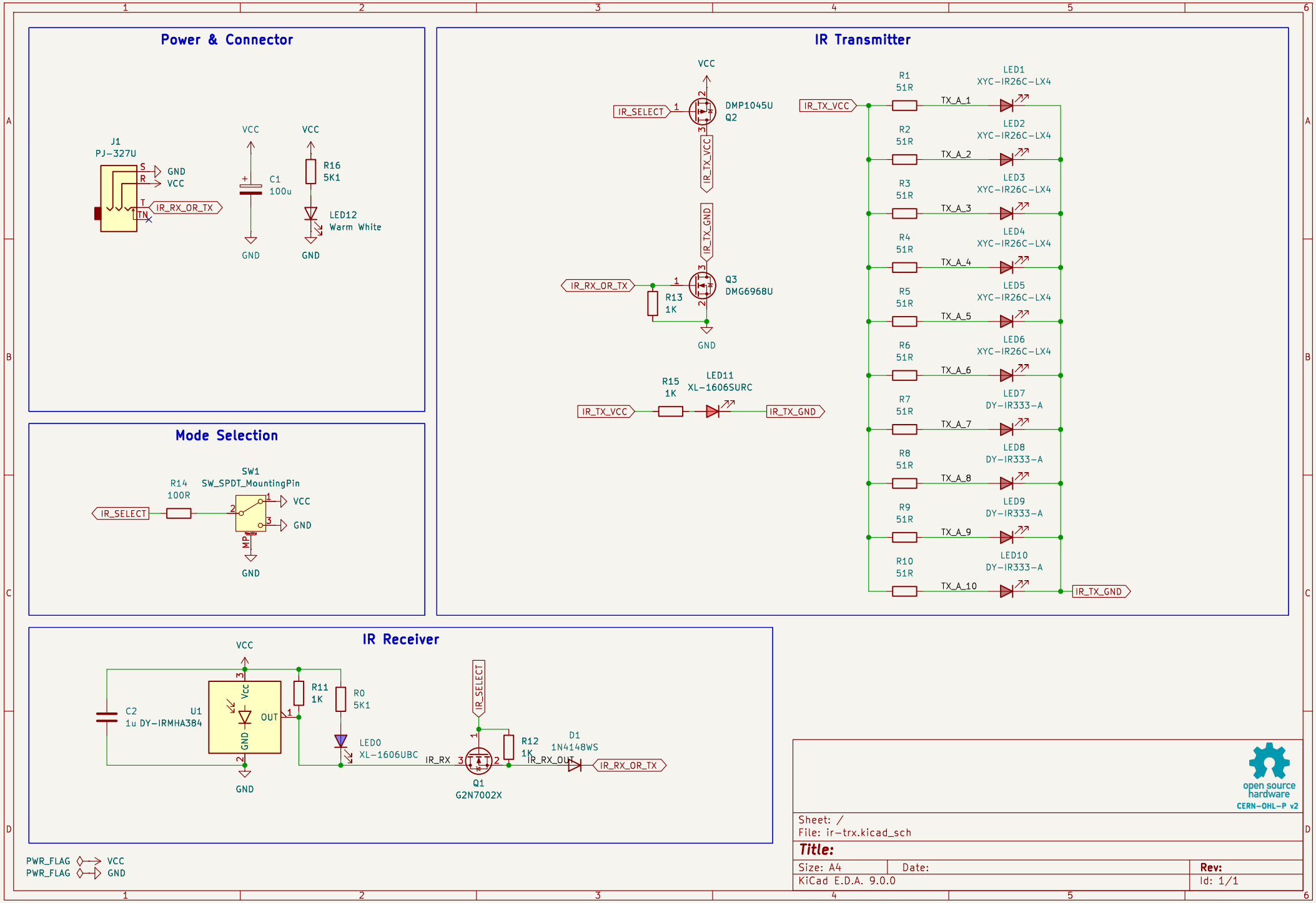
Power & Connector
J1
PJ-327U
S
R
T
TN
GND
VCC
IR_RX_OR_TX
VCC
C1
100u
GND
VCC
R16
5K1
LED12
Warm White
GND
Mode Selection
SW1
SW_SPDT_MountingPin
R14
100R
IR_SELECT
VCC
GND
MP
GND
IR Transmitter
VCC
IR_SELECT
DMP1045U
Q2
IR_TX_VCC
IR_TX_GND
IR_RX_OR_TX
Q3
DMG6968U
R13
1K
GND
R15
1K
LED11
XL-1606SURC
IR_TX_VCC
IR_TX_GND
R1 51R
R2 51R
R3 51R
R4 51R
R5 51R
R6 51R
R7 51R
R8 51R
R9 51R
R10 51R
LED1 XYC-IR26C-LX4
LED2 XYC-IR26C-LX4
LED3 XYC-IR26C-LX4
LED4 XYC-IR26C-LX4
LED5 XYC-IR26C-LX4
LED6 XYC-IR26C-LX4
LED7 DY-IR333-A
LED8 DY-IR333-A
LED9 DY-IR333-A
LED10 DY-IR333-A
TX_A_1
TX_A_2
TX_A_3
TX_A_4
TX_A_5
TX_A_6
TX_A_7
TX_A_8
TX_A_9
TX_A_10
IR_TX_GND
IR Receiver
VCC
C2
1u
U1
DY-IRMHA384
Vcc
OUT
GND
R11
1K
R0
5K1
LED0
XL-1606UBC
IR_SELECT
IR_RX
Q1
G2N7002X
R12
1K
D1
1N4148WS
IR_RX_OUT
IR_RX_OR_TX
GND
PWR_FLAG VCC
PWR_FLAG GND
open source hardware
CERN-OHL-P v2
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