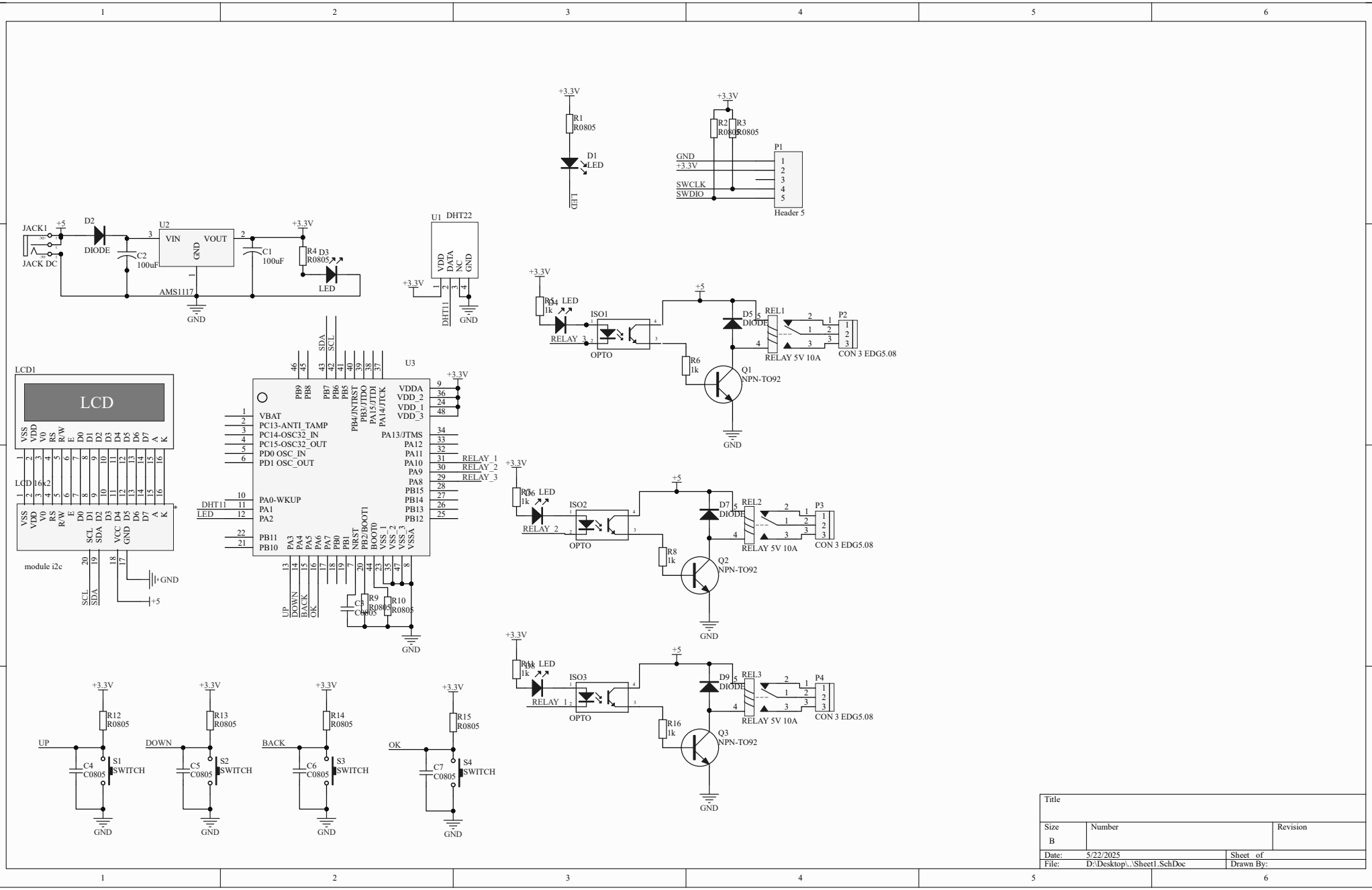
JACK1
JACK DC
+5
D2
DIODE
C2
100uF
U2
VIN
VOUT
GND
AMS1117
C1
100uF
+3.3V
R4
R0805
D3
LED
GND
U1 DHT22
VDD
DATA
NC
GND
DHT11
LCD1
LCD
VSS
VDD
V0
RS
R/W
E
D0
D1
D2
D3
D4
D5
D6
D7
A
K
LCD 16x2
module i2c
SCL
SDA
VCC
U3
VBAT
PC13-ANTI_TAMP
PC14-OSC32_IN
PC15-OSC32_OUT
PD0 OSC_IN
PD1 OSC_OUT
PA0-WKUP
PA1
PA2
PB11
PB10
VDDA
VDD_2
VDD_1
VDD_3
PA13/JTMS
PA12
PA11
PA10
PA9
PA8
PB15
PB14
PB13
PB12
RELAY_1
RELAY_2
RELAY_3
LED
UP
DOWN
BACK
OK
C3
C0805
R9
R0805
R10
R0805
R1
R0805
D1
LED
R2
R0805
R3
R0805
P1
Header 5
R5
1k
ISO1
OPTO
D5
DIODE
REL1
RELAY 5V 10A
P2
CON 3 EDG5.08
R6
1k
Q1
NPN-TO92
R7
1k
ISO2
D7
DIODE
REL2
P3
R8
1k
Q2
NPN-TO92
R11
1k
ISO3
D9
DIODE
REL3
P4
R16
1k
Q3
NPN-TO92
R12
R0805
S1
SWITCH
C4
C0805
R13
R0805
S2
SWITCH
C5
C0805
R14
R0805
S3
SWITCH
C6
C0805
R15
R0805
S4
SWITCH
C7
C0805
Title
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Revision
Date: 5/22/2025
File: D:\Desktop\..\Sheet1.SchDoc
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Drawn By: