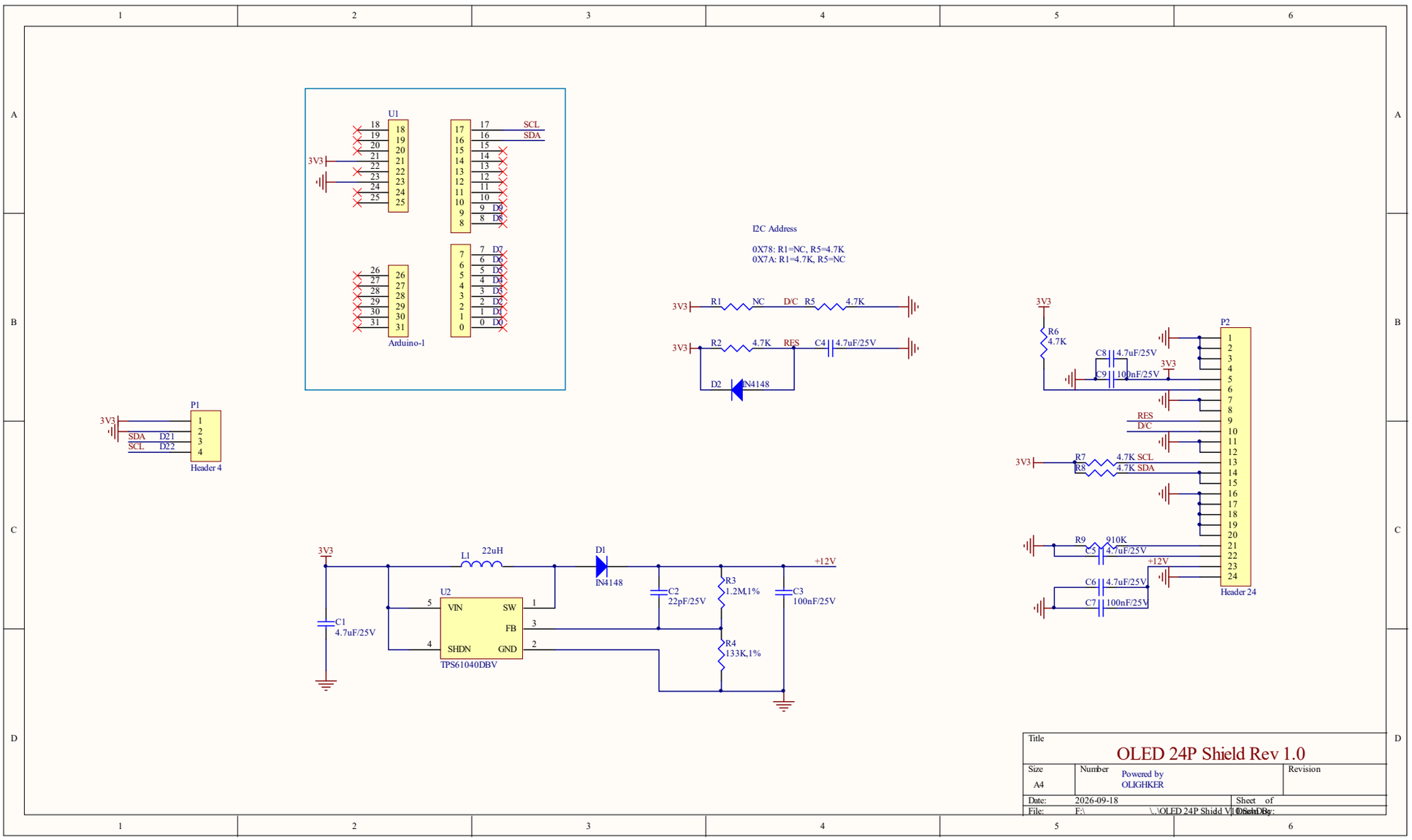

U1
3V3
SCL
SDA
D7
D6
D5
D4
D3
D2
D1
D0
Arduino-1
I2C Address
0X78: R1=NC, R5=4.7K
0X7A: R1=4.7K, R5=NC
R1 NC D/C R5 4.7K
R2 4.7K RES C4 4.7uF/25V
D2 IN4148
P1
SDA D21
SCL D22
Header 4
P2
R6 4.7K
C8 4.7uF/25V
C9 100nF/25V
RES
D/C
R7 4.7K SCL
R8 4.7K SDA
R9 910K
C5 4.7uF/25V
C6 4.7uF/25V
C7 100nF/25V
Header 24
L1 22uH
D1
IN4148
+12V
U2
VIN
SW
FB
SHDN
GND
TPS61040DBV
C1 4.7uF/25V
C2 22pF/25V
R3 1.2M,1%
R4 133K,1%
C3 100nF/25V
Title
OLED 24P Shield Rev 1.0
Size
A4
Number
Powered by
OLIGHKER
Revision
Date: 2026-09-18
Sheet of
File: F:\...\OLED 24P Shidd V1.0.SchDoc
Drawn By: