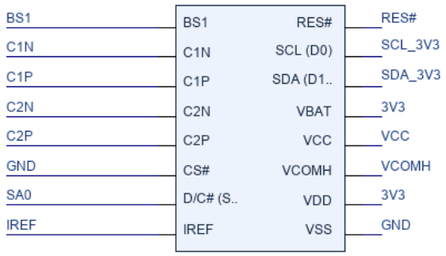
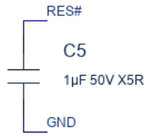
Main Circuit And Support

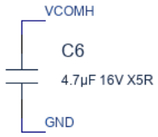
JP3
Solder jumper



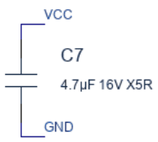
U1
0.91" 128x32 OLED panel, SSD1306, white, I2C

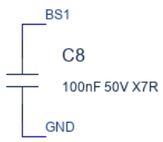


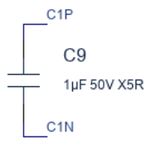


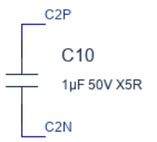


Main Circuit And Support



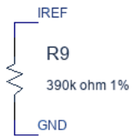


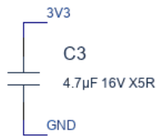


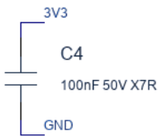


Main Circuit And Support

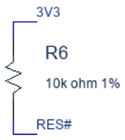








Main Circuit And Support





DESIGN NOTES

Matching net labels identify connected signals.

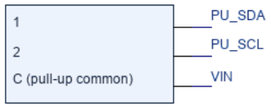
Assembly and DNP details are stored with each component.

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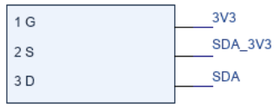
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DRAWN BY	CHECKED BY	DATE	REVISION
ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
ET-D13-SCH-001		A3 / LANDSCAPE	1 of 3

Level Shifting And Pull-Ups

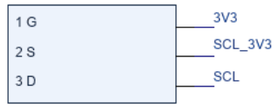
JP2
Solder jumper



Q1
BSS138 N-MOSFET

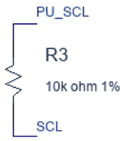


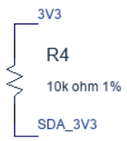
Q2
BSS138 N-MOSFET

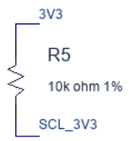




Level Shifting And Pull-Ups





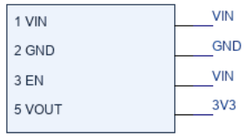


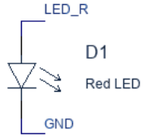
Power And Indicators

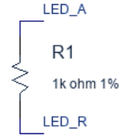
JP1
Solder jumper



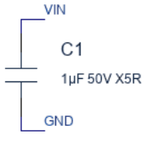
U2
AP2112K-3.3 LDO 600mA

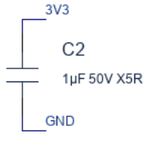






Power And Indicators





DESIGN NOTES

Matching net labels identify connected signals.

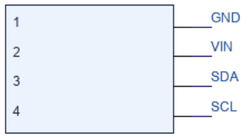
Assembly and DNP details are stored with each component.

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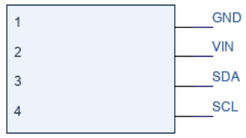
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DRAWN BY	CHECKED BY	DATE	REVISION
ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
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Connectors

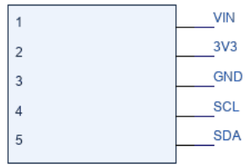
J1
JST SH 4P R/A (Qwiic/STEMMA QT)



J2
JST SH 4P R/A (Qwiic/STEMMA QT)



J3 DNP
2.54mm male pin header (ship loose)



DESIGN NOTES

Matching net labels identify connected signals.

Assembly and DNP details are stored with each component.

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PROJECT / DOCUMENT			STATUS
Ssd1306 091 Oled 128X32			DESIGN REVIEW
DRAWN BY	CHECKED BY	DATE	REVISION
ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
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