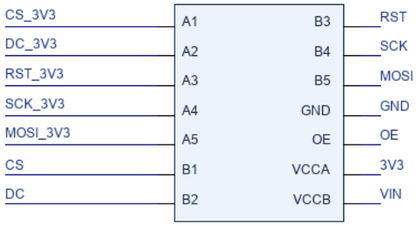
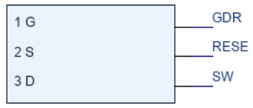
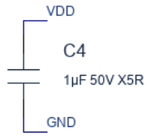
Main Circuit And Support

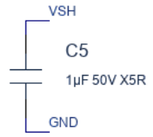
U3
TXS0108E 8-bit bidirectional level translator



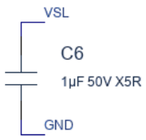
Q1
AO3400A N-MOSFET 30V 5.7A

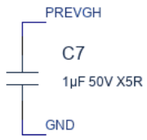


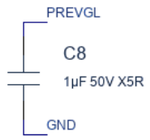


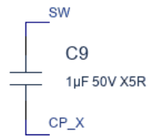


Main Circuit And Support

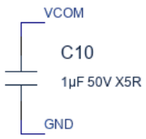


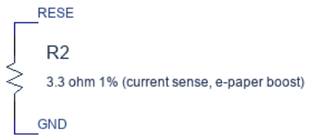




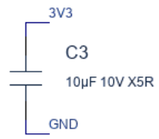


Main Circuit And Support

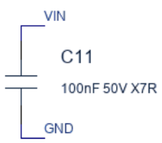


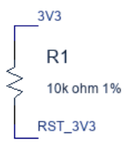


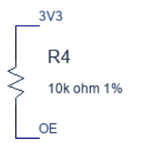




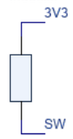
Main Circuit And Support







L1
10µH 1.5A / 2.4A sat shielded power inductor



DESIGN NOTES

Matching net labels identify connected signals.

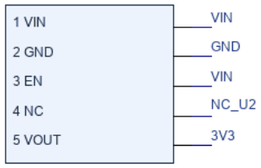
Assembly and DNP details are stored with each component.

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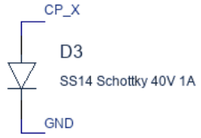
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Epaper 24Pin Spi Adapter			DESIGN REVIEW
DRAWN BY	CHECKED BY	DATE	REVISION
ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
ET-D14-SCH-001		A3 / LANDSCAPE	1 of 2

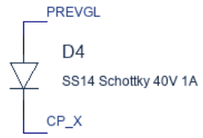
Power And Indicators

U2
AP2112K-3.3 LDO 600mA

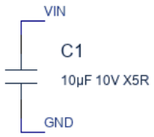


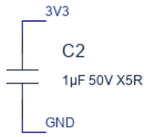






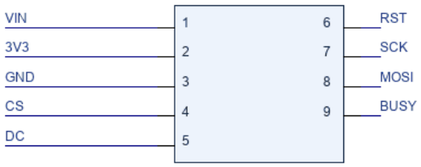
Power And Indicators



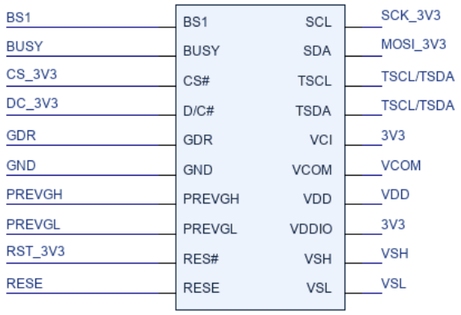


Connectors

J3 DNP
2.54mm male pin header (ship loose)



J4
FPC connector 24P 0.5mm bottom contact, flip lock



DESIGN NOTES

Matching net labels identify connected signals.

Assembly and DNP details are stored with each component.

PROJECT / DOCUMENT			STATUS
Epaper 24Pin Spi Adapter			DESIGN REVIEW
DRAWN BY	CHECKED BY	DATE	REVISION
ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
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