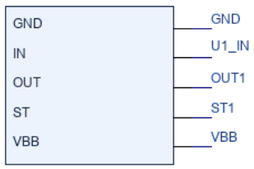
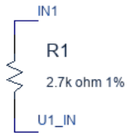
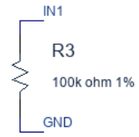
Main Circuit And Support

U1
BSP452 smart high-side switch 5-34V
0.5A, protected



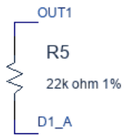






Main Circuit And Support

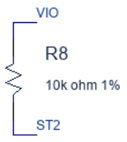






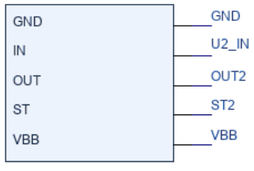


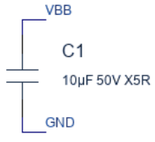
Main Circuit And Support

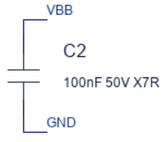


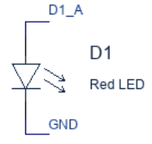
Power And Indicators

U2
BSP452 smart high-side switch 5-34V
0.5A, protected









DESIGN NOTES

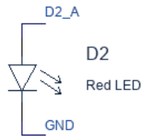
Matching net labels identify connected signals.

Assembly and DNP details are stored with each component.

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PROJECT / DOCUMENT			STATUS
Bsp452 Highside Switch 2Ch			DESIGN REVIEW
DRAWN BY	CHECKED BY	DATE	REVISION
ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
ET-MD17-SCH-001		A3 / LANDSCAPE	1 of 2

Power And Indicators



Connectors

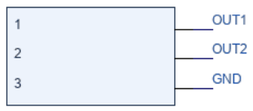
J1

Screw terminal 2P 5.0mm 17A (THT)



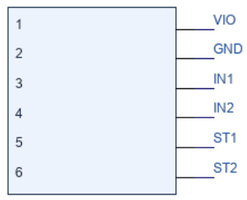
J4

Screw terminal 3P 5.0mm (THT)



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.

ELECTROTRICAL.COM

PROJECT / DOCUMENT			STATUS
Bsp452 Highside Switch 2Ch			DESIGN REVIEW
DRAWN BY	CHECKED BY	DATE	REVISION
ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
ET-MD17-SCH-002		A3 / LANDSCAPE	2 of 2