GND

LED1

630nm 1.9V 50mA
MTE7063NK2-UR

U1

1	GND	REXT	6
2	OUT_1	OUT_3	5
3	OUT_2	VS	4

1.4–40V PWM Dimmer 100mA
BCR401UW6Q-7

R1

47Ω

+5V

J1

| 1 | 1 |
| 2 | 2 |

GND
+5V

S2B-ZR

Sheet: /
File: led_board.kicad_sch

Title: µLogger Beam Board

Size: A4 — Date: 2025-11-12 — Rev: 0.41

KiCad E.D.A. 9.0.6 — Id: 1/1