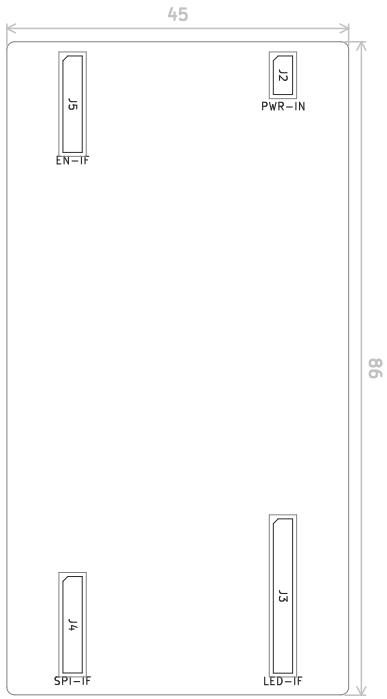

DIMENSIONS ARE IN MILLIMETERS
TOLERANCE ±0.1 mm

A visual output board featuring an 8-LED bar graph and a 4-digit seven-segment display. The LEDs and display segments can be driven either directly via GPIO (current sinking) or through an SPI shift register interface. A jumper shunt selects the control mode, allowing the module to demonstrate both parallel GPIO control and serial output expansion.

Eli Bell

Sheet: Assembly
File: CSC202_LED_MODULE.kicad_pcb

Title: Assembly Drawing (Bottom)

Size: A4	Date: 2026-01-15	**Rev: A**
KiCad E.D.A. 9.0.1+1 + KiBot v1.8.4		Id: 1/1