

Wiring and Programming Guide

This guide will show you how to wire and program an 8x8 LED matrix with an integrated driver using a Raspberry Pi Pico.

1. Wiring:

Connect the Raspberry Pi Pico to the 8x8 LED matrix using the following configuration:

- GP18 (SCK) -> CLK (Clock) on the LED module
- GP19 (MOSI) -> DIN (Data In) on the LED module
- GP15 (CS) -> CS (Chip Select) on the LED module
- VBUS or 3.3V -> VCC on the LED module
- GND -> GND on the LED module

Make sure the connections are secure and there are no shorts.

(Connection image here)

2. Programming:

Once the wiring is complete, you can program the Raspberry Pi Pico to display characters on the LED matrix. Use the provided code, making sure to have the necessary library installed.

To run the code, save the file to the Raspberry Pi Pico and start the program. Enter a character or

number when prompted, and it will be displayed on the LED matrix.