PROTO Technical Documentation
Promoting Robotics Opportunity Through Outreach

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March 31, 2025

Introduction

Hardware Design

Table 1: Raspberry Pi Pico pin assignments.

Wire	Pi Pico pin	Micropython pin
Motor A +	GP0	1
Motor A −	GP1	2
Motor B +	GP2	4
Motor B −	GP3	5

Table 2: Motor driver pin assignments.

Wire	Driver pin
Motor A +	in1
Motor A −	in2
Motor B +	in3
Motor B −	in4

Software Design

Testing