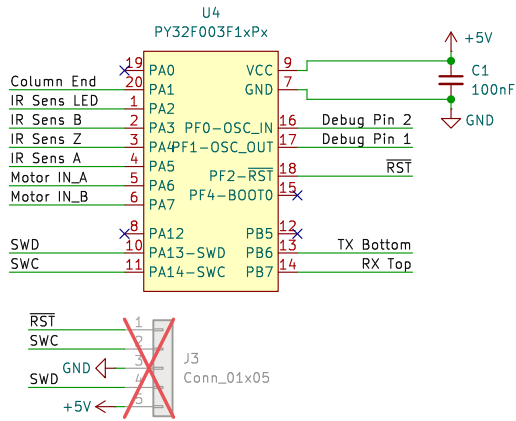
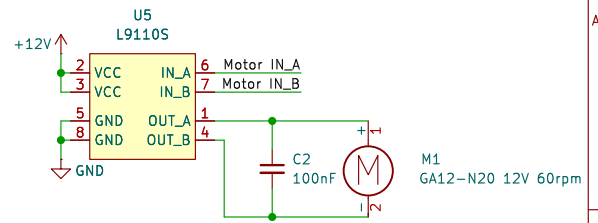


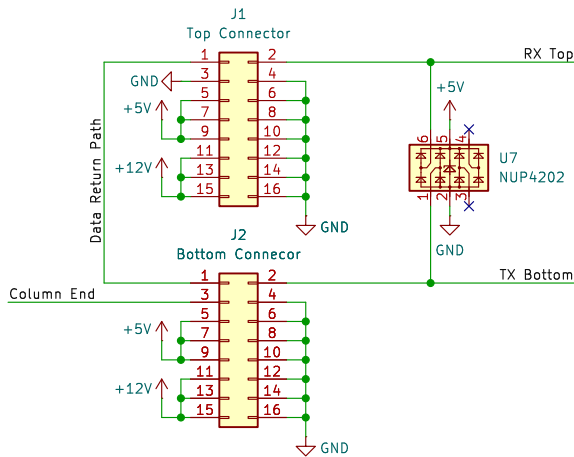
Microcontroller



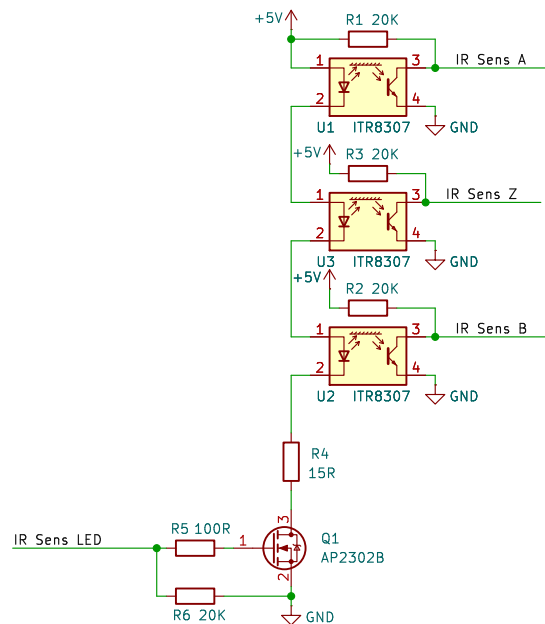
Motor Controller



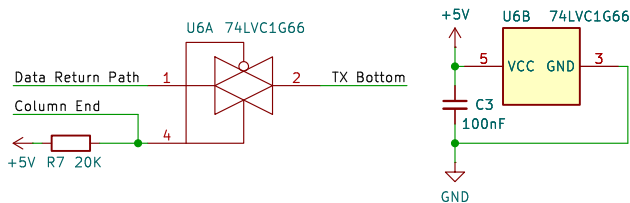
Top & Bottom Connector



IR Optical Encoder



Uart Multiplexer



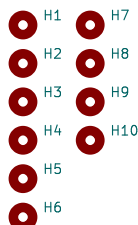
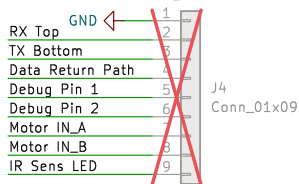
$$V_s = 5V$$

$$V_f = 1.2V$$

$$I_f = 70mA$$

$$R = [V_s - (3 \times V_f)] / I_f = 20 \text{ Ohm}$$

Debug



Designer: Toon Van Eyck
 Repo: github.com/ToonVanEyck/OpenFlap
 Commit: v0.0.0-unstable-133-g5ba9d53-dirty
OpenFlap
 Sheet: /
 File: side_panel.kicad_sch
Title: Side Panel
 Size: A4 Date: 2025-03-08
 KiCad E.D.A. 8.0.6



Rev: 5.0.2
 Id: 1/1