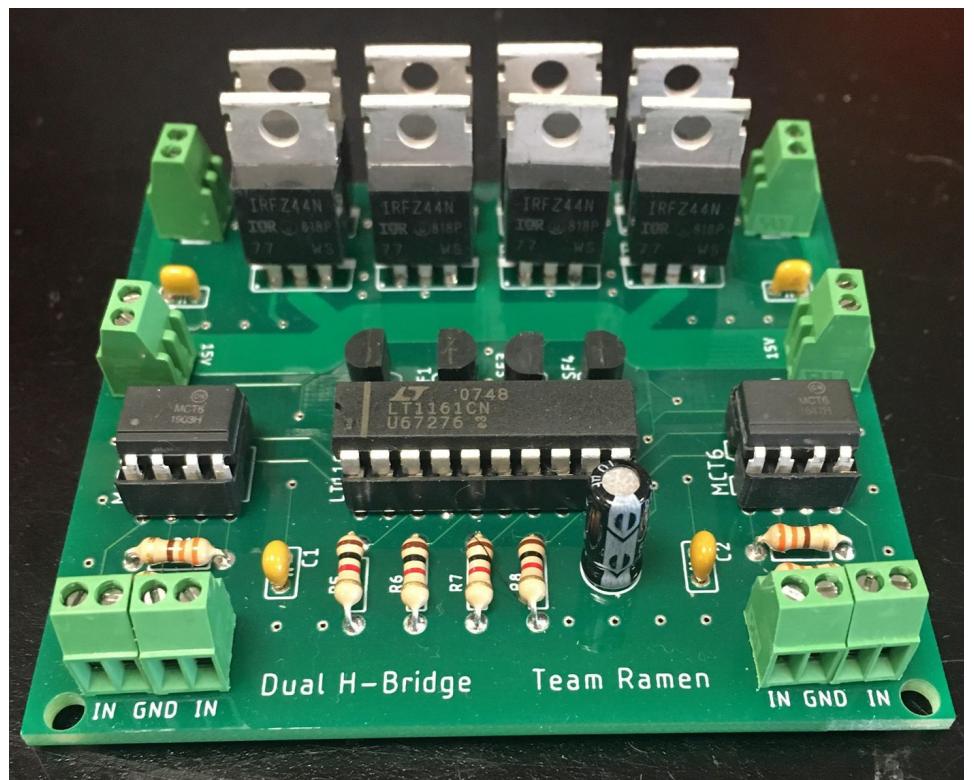
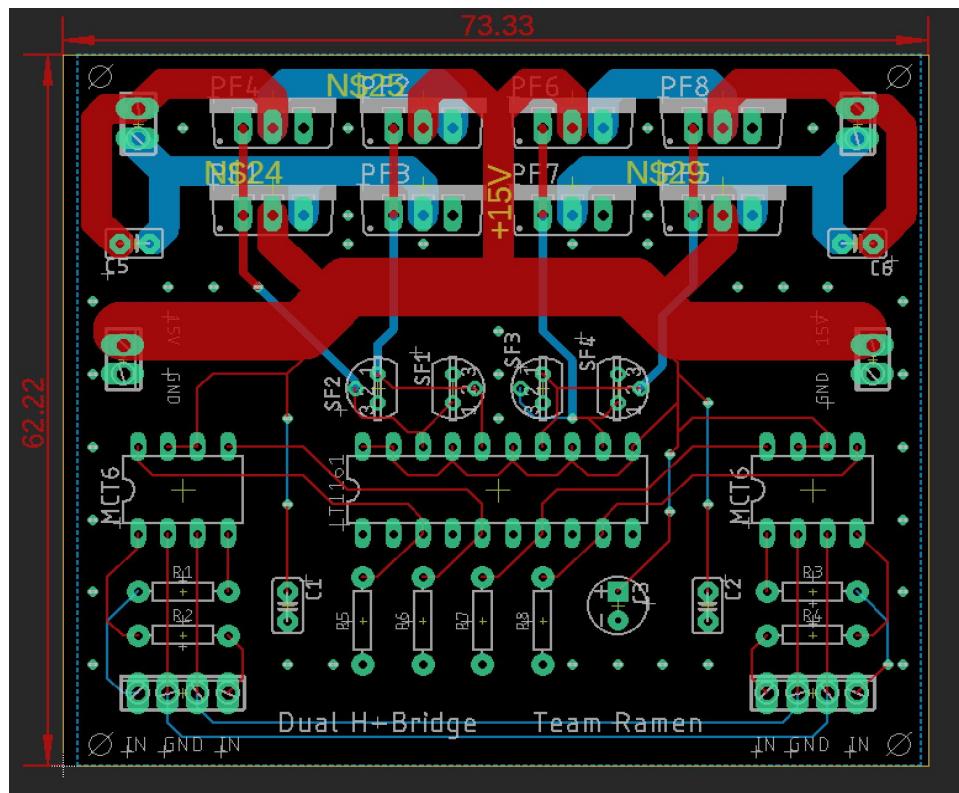
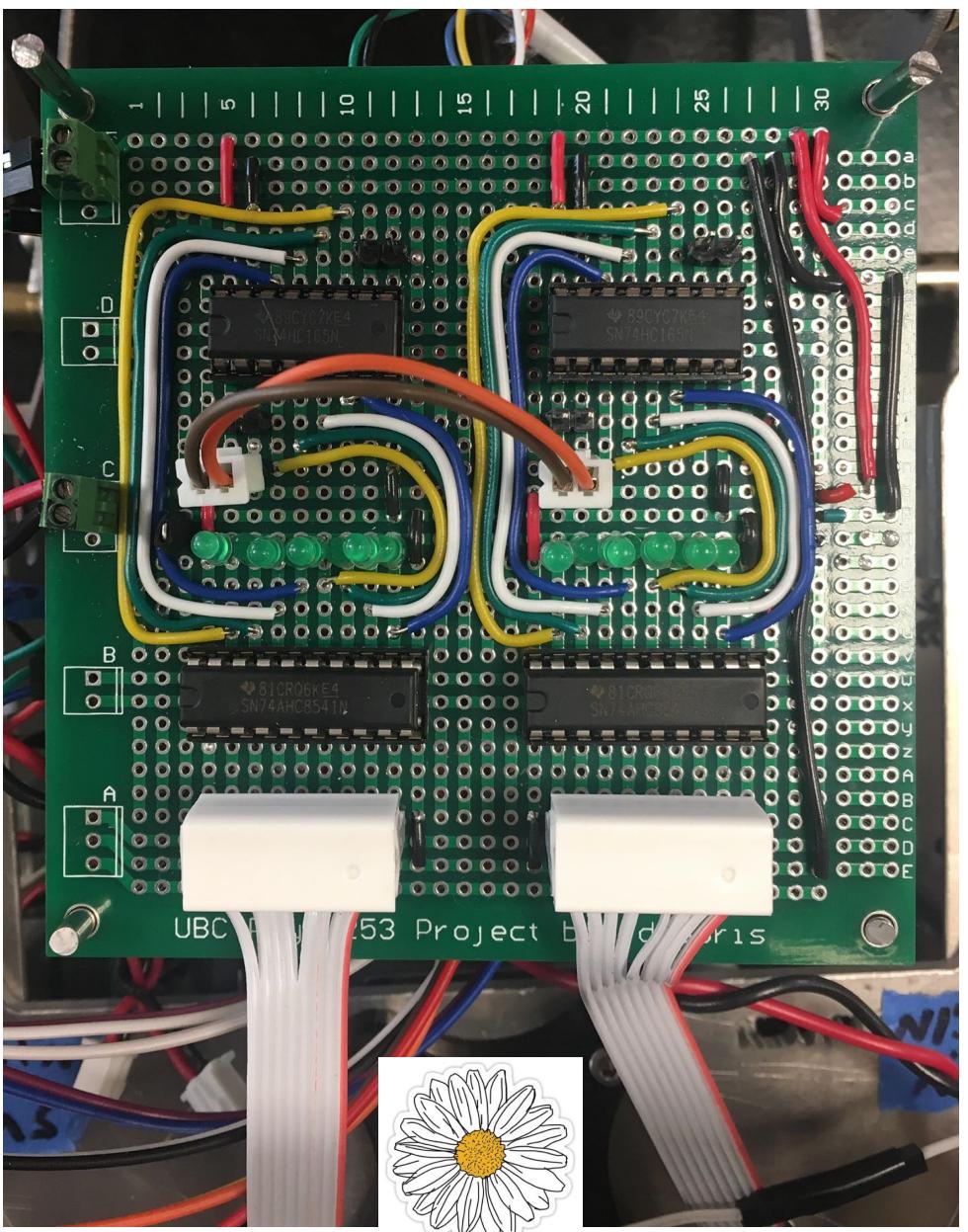
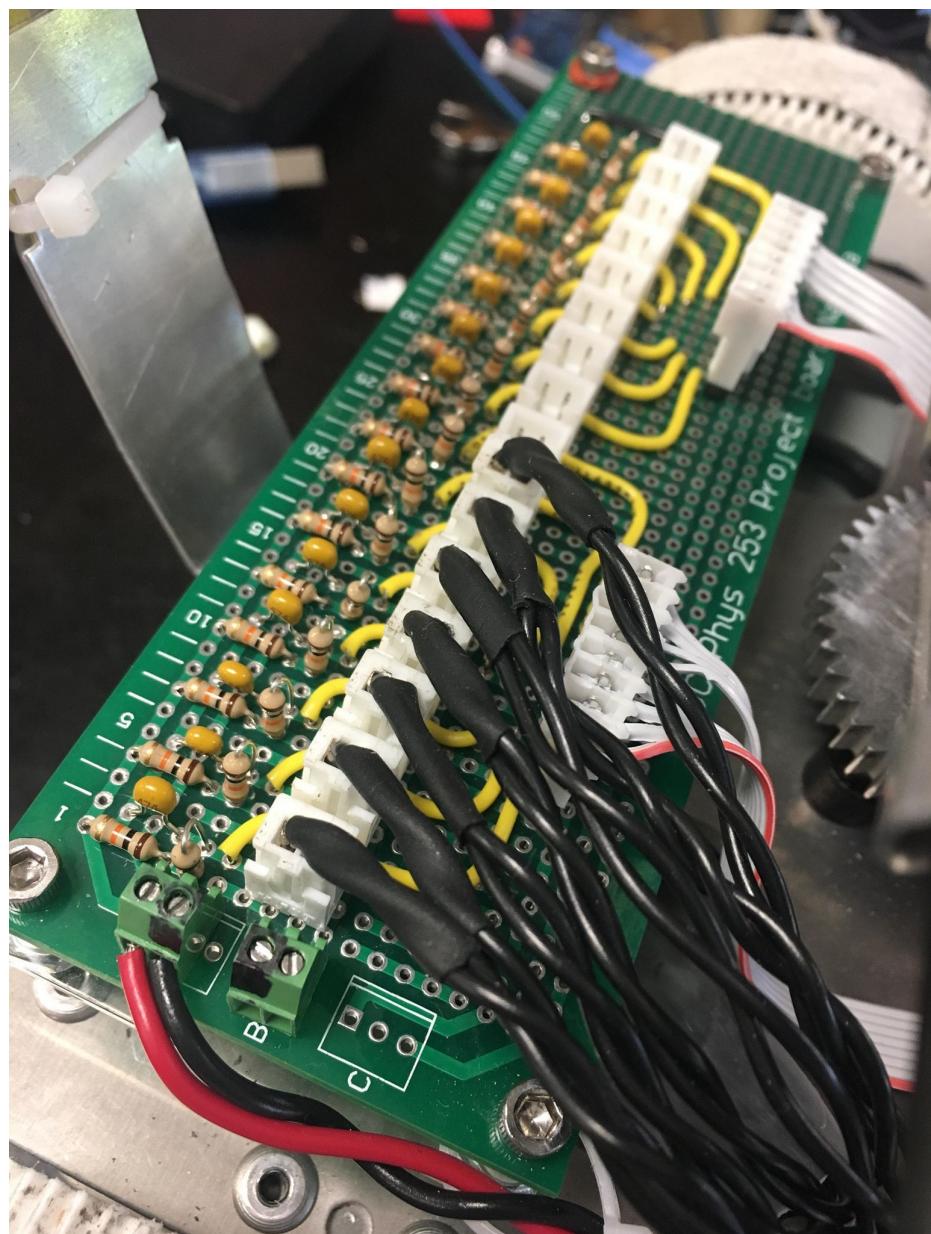


Electrical Design

The electrical design focused on noise immunity and signal integrity...and of course, AESTHETICS



Custom designed Dual H-Bridge PCB to drive both our motors, reducing the usual H-Bridge by more than half



Low Pass filter

+ Daisy Chain Shift Registers

Together these allow us to have all 16 switch sensors while only using 3 (!) pin on our microcontroller with superior speed and noise immunity