* Tried to build a msgeq7 circuit using loose components, didn’t work
  + Used oscilloscope to determine that both msgeq7 chips I had received were defective
* Attempted to find which shift register pins corresponded to which led’s
  + Found the around 4 led’s were disconnected
  + Found that some of the pins of the connectors were loose and therefore not connecting properly
* Fixed the connection issue with superglue, retested bad led’s, 2 remained unpowered
  + Connected some of the unused wires of the ribbon cable to problem led’s
  + Also fixed an issue where one of the cables had snapped
* Noticed the issue with the shift registers not getting data
  + Probed the clock/latch lines and found there was a short, still didn’t work
  + Probed the data line and found no problems
  + Probed clock line and found that nothing was happening
  + Probed the microchip of the Arduino and found that the clock signal was being generated properly
  + Determined the issue to be a broken copper trace running to pin 13 of the Arduino. Modified software to use shiftOut instead of SPI bus
* Had an issue where msgeq7 was unable to read data
  + Fixed this issue by plugging headphones into the output jack
  + I’m not sure why this fixed it, but it seems like the jacks aren’t being grounded correctly
* Had an issue where layer 4 seemed to be off when it shouldn’t be
  + Reordered the pin constants in software so that the pin that had been connected to layer 4 was connected to layer 6 and vice versa
* Found that the box lid wouldn’t close due to stiff ribbon cables
  + Tried to print a spacer, but accidentally made it too tall
  + Didn’t have time to fix it before shooting the video, so I just held the top so it was somewhat level with the base. I will probably reprint the entire base on my own time