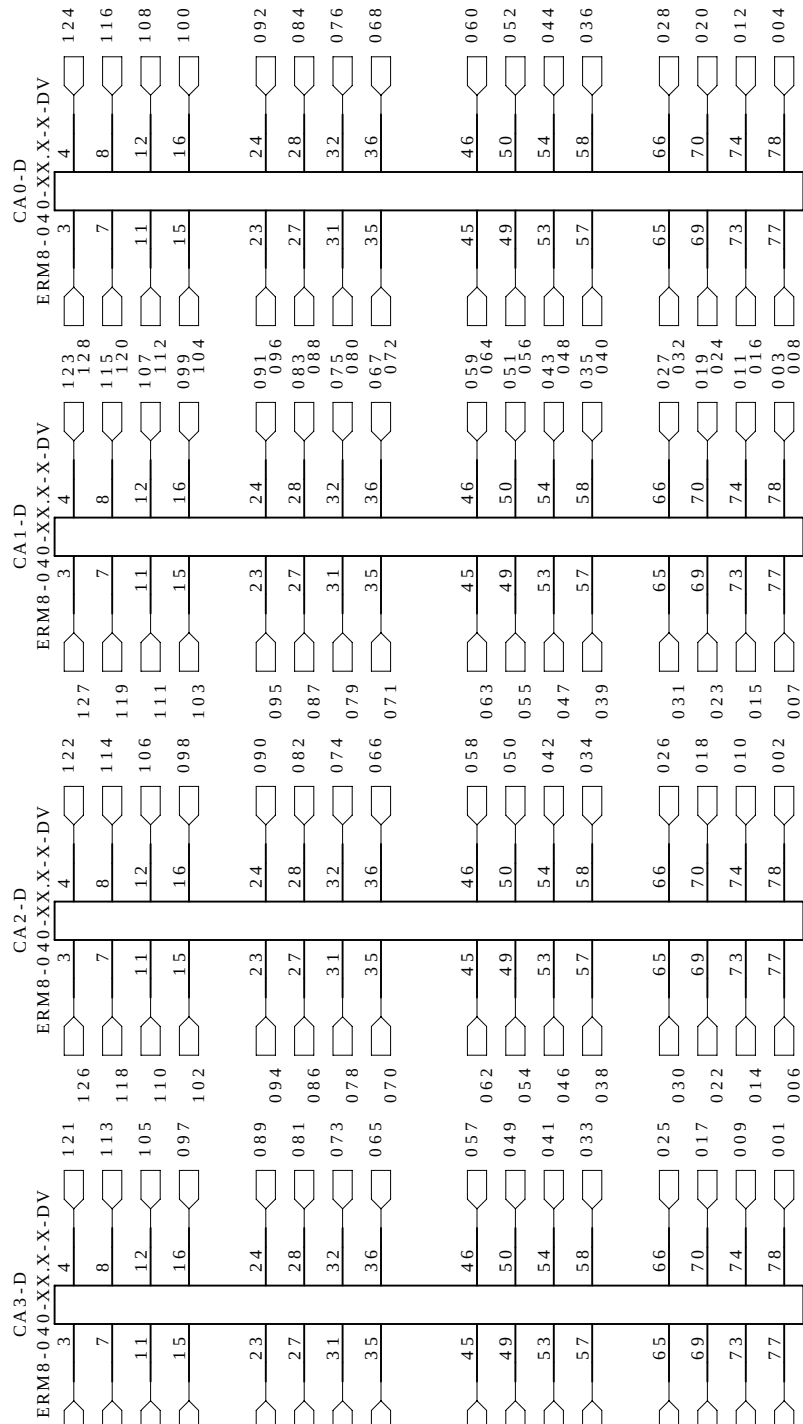
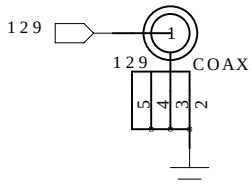


things to still do (maybe):
 put HV/backside (HV+) on pin adjacent to guarding/ped (HVreturn)
 see if we can use normal vias and make the board cheaper

