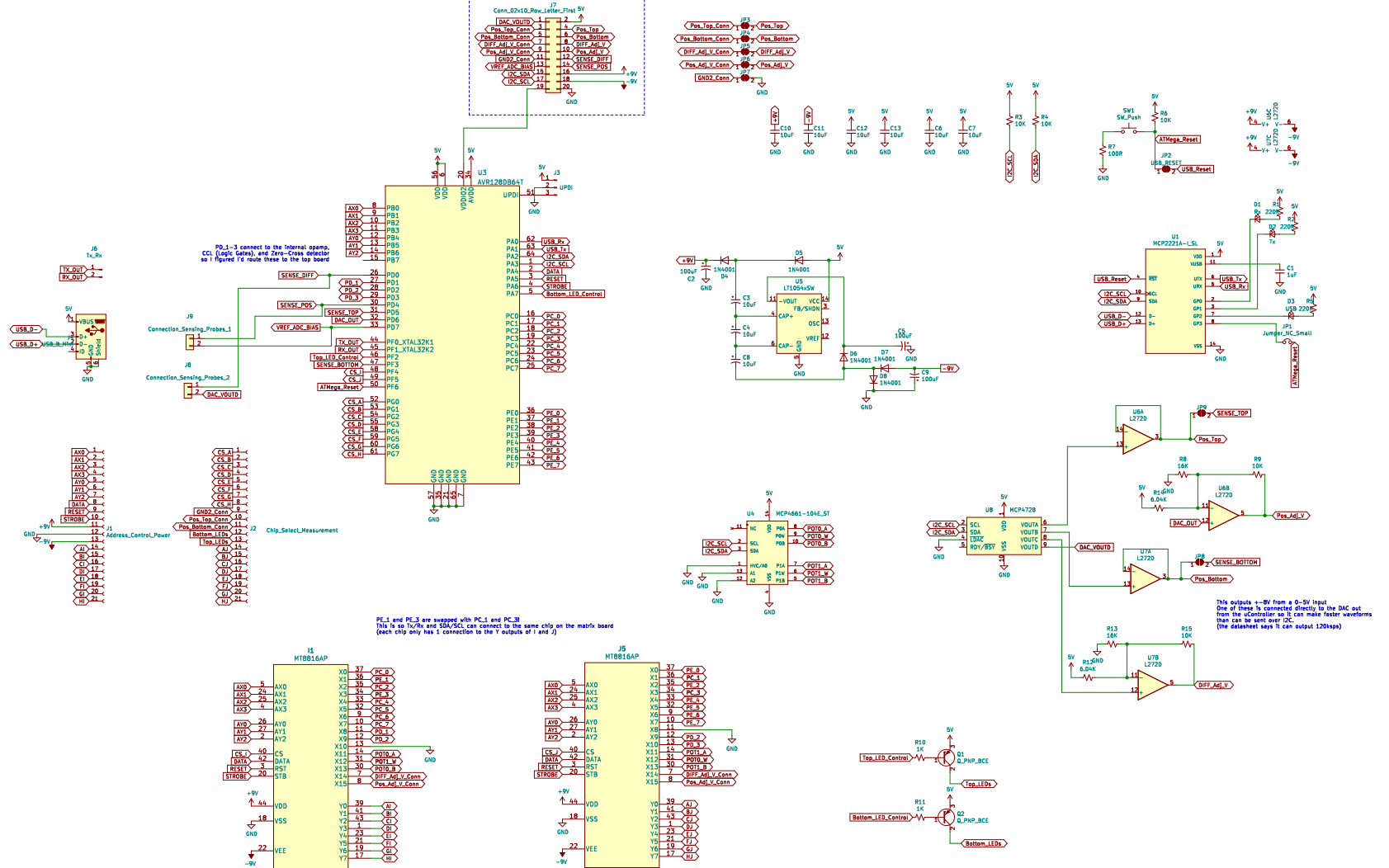


This is a card edge connector that I won't populate for now

I was going crazy trying to figure out a simple enough way to measure current from the bipolar power supplies without being more expensive than every other component on the board combined. So if we really want to measure current, we can make a tiny PCB and just stick it in here and cut the solder jumpers.

<https://www.digikey.com/en/products/detail/amphenol-cs-fci/10056847-1011F/5201796>  
<https://www.amphenol-cs.com/media/uploads/files/drawing/10056847.pdf>



PE\_1 and PE\_3 are swapped with PC\_1 and PC\_3  
 This is to Tx/Rx and SDA/SCL can connect to the same chip on the matrix board  
 (each chip only has 1 connection to the Y outputs of I and J)

the Wipers on POT0 and POT1 are swapped!  
 So they can connect to the same chip on the matrix board as one of the A or B inputs  
 (each chip only has 1 connection to the Y outputs of I and J)