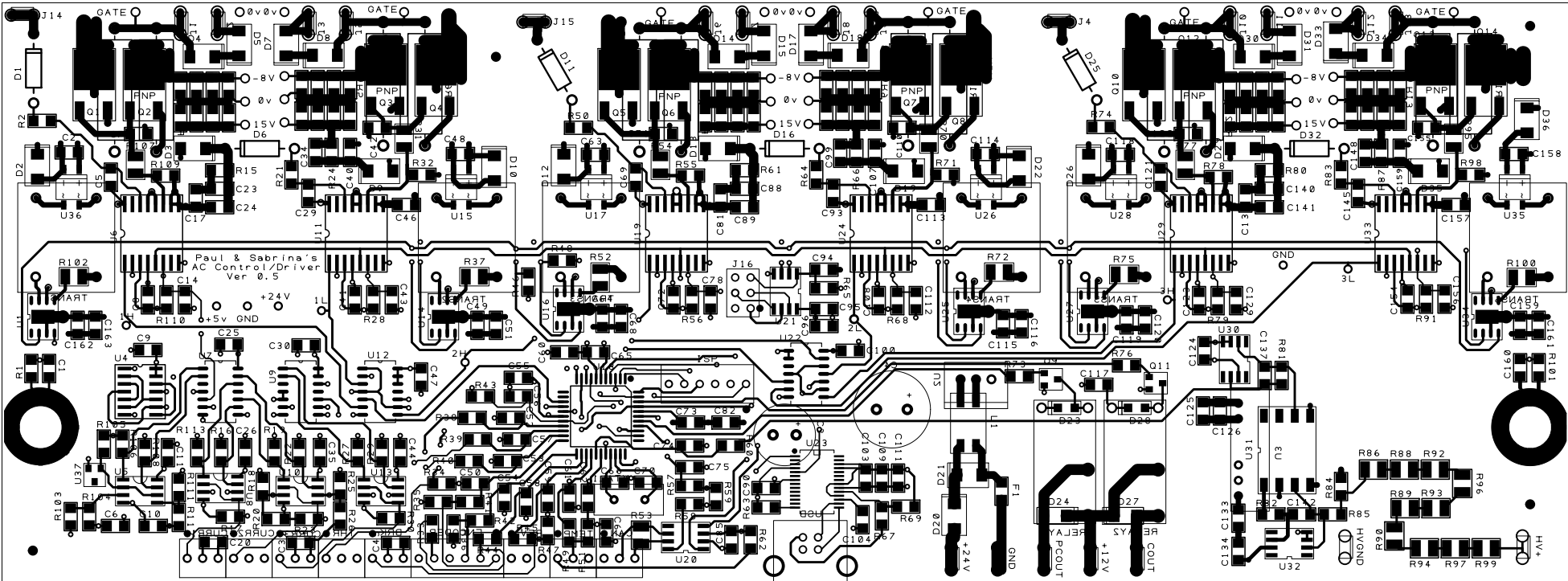


J14,J15,J4 are all connected together , and then connected to bus capacitor +

The 12 female spade connectors on the bottom of the board plug into the 12 tabs of the IGBTs (G1/E1/E2/G2)



current sensor output  
current sensor #1 gnd  
current sensor #1 +5v  
current sensor #2 output  
current sensor #2 gnd  
current sensor #2 +5v  
current sensor #3 output  
current sensor #3 gnd  
current sensor #3 +5v  
hall throttle output  
hall throttle gnd  
hall throttle +5v  
hall brake output  
hall brake gnd  
hall brake +5v  
encoder +24v  
encoder gnd  
encoder OEA  
encoder OEB  
encoder INDEX  
forward/reverse input  
forward/reverse gnd  
forward/reverse  
temperature wire 1  
temperature wire 2  
temperature shield gnd  
CAN gnd  
CAN LOW  
CAN HIGH  
CAN  
USB serial communications  
CONTROL BOARD POWER +24v  
CONTROL BOARD POWER GROUND  
Out to precharge coil +  
System +12v IN  
Out to actuator coil +  
Bus Capacitor GROUND  
Bus Capacitor +