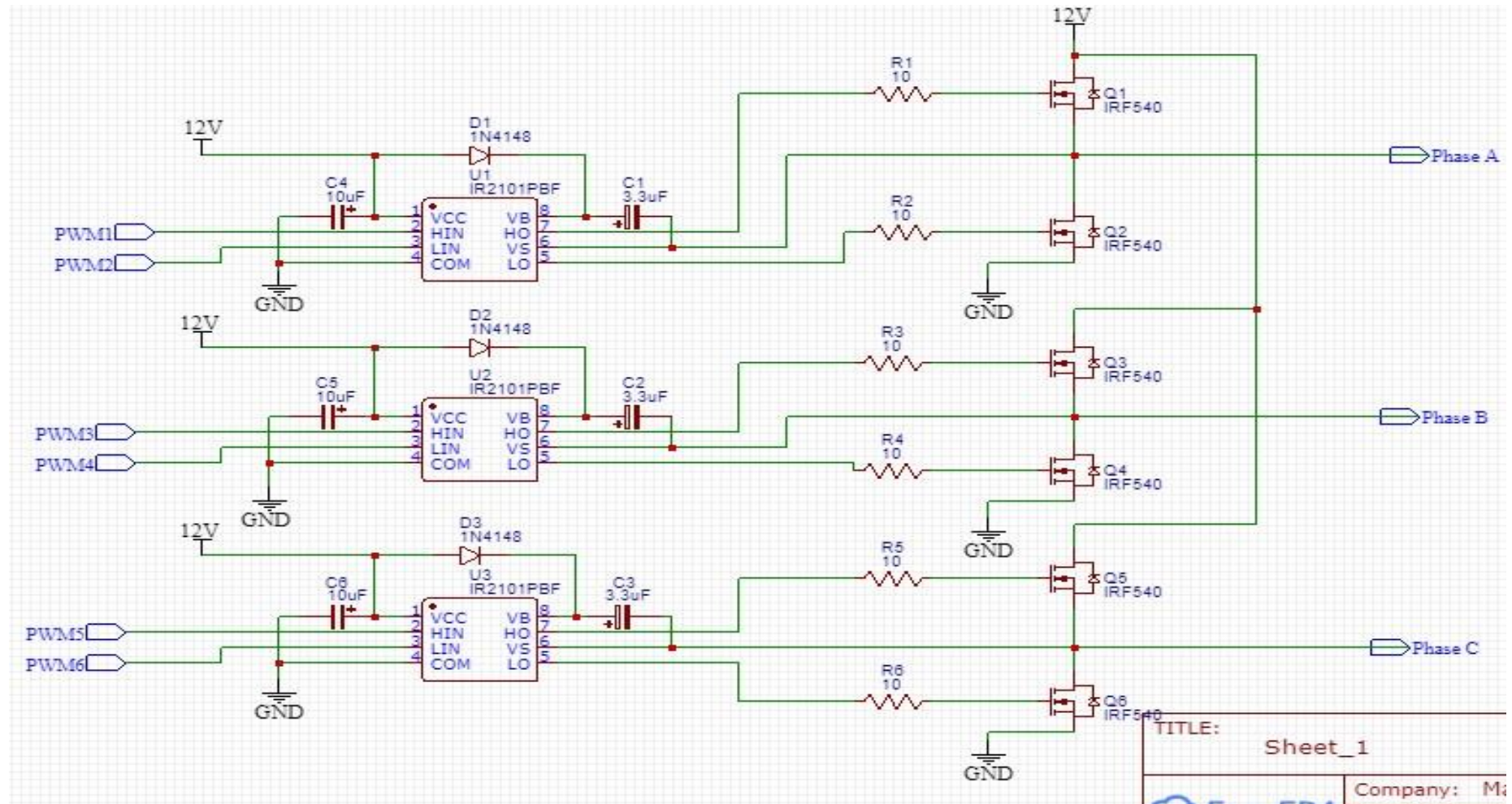
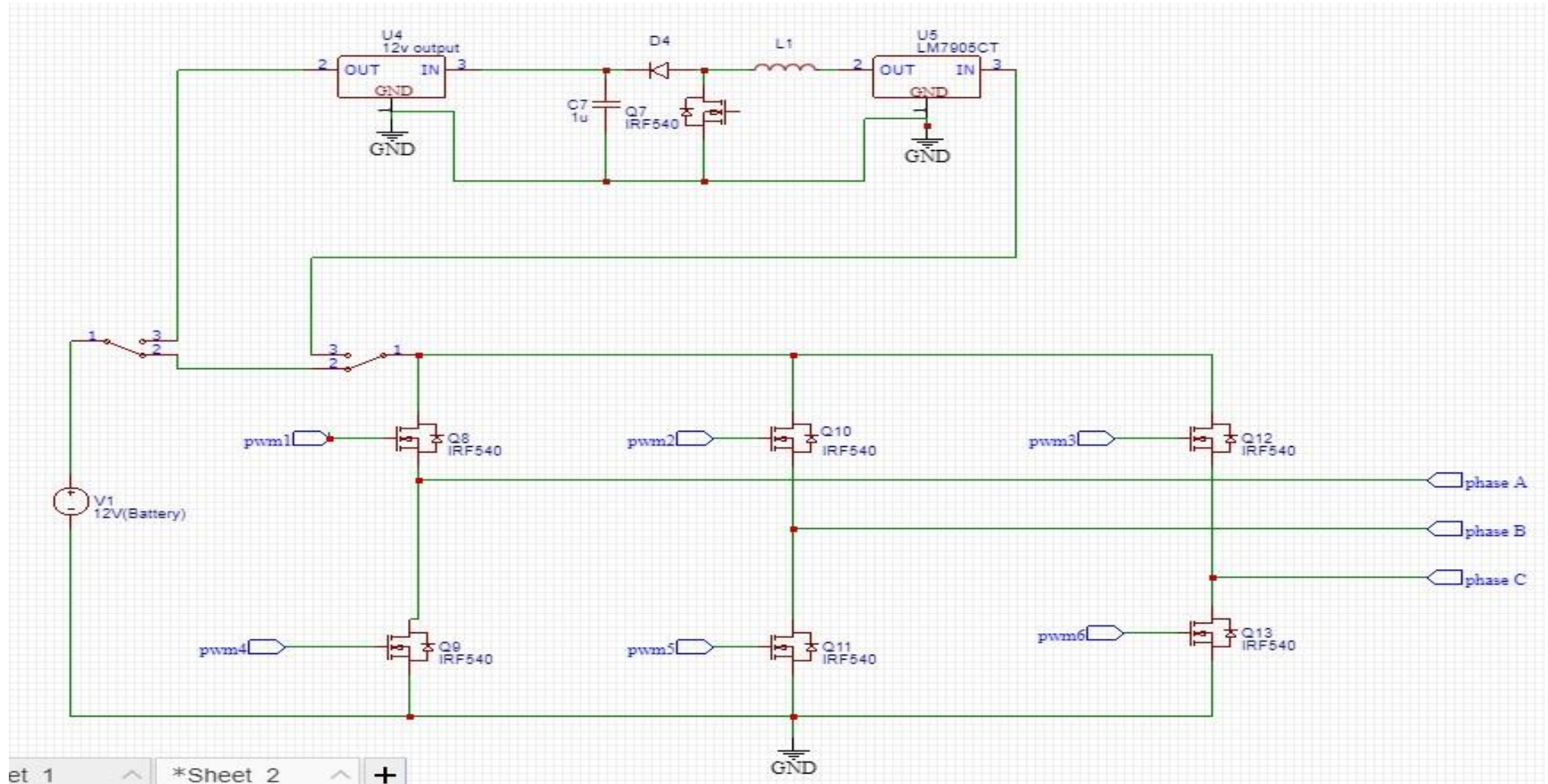


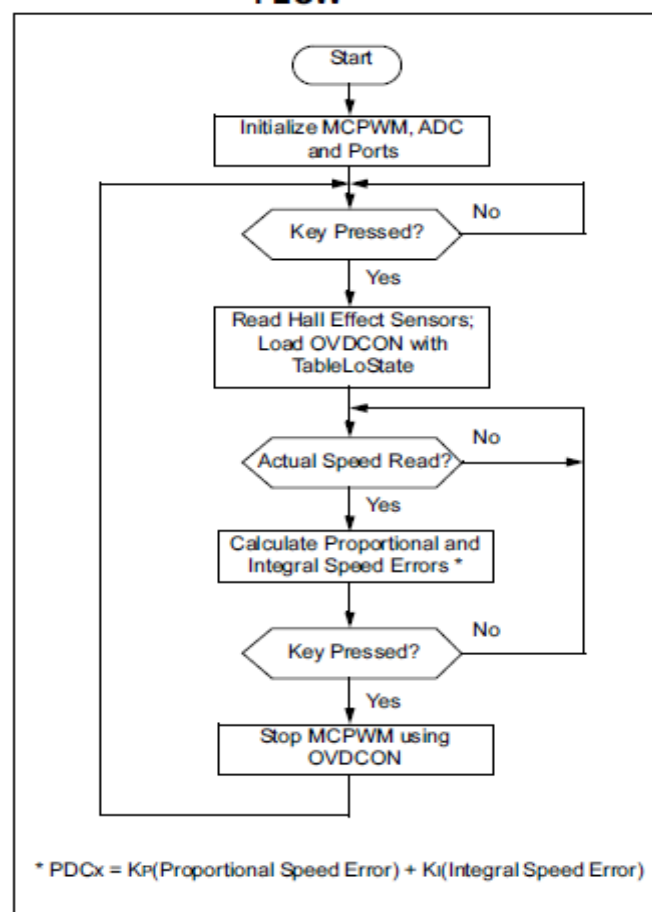
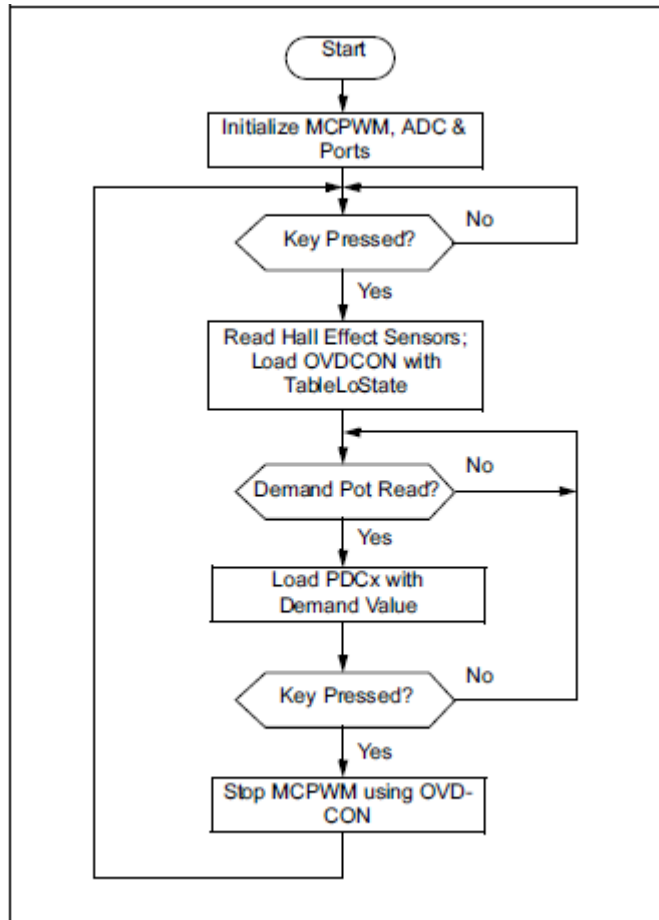
The circuit below show the circuitry that I designed and soldered onto the veroboard . The openLoop and closed loop code was written for this circuit with phase A, phase B and phase C denoting the connections to the motor



'3phase bridge with boost converter (drivers excluded for clarity of the circuit)



This circuit shows how the 3phase inverter bridge will be connected to a boost converter with the use of 2 SPDT switches. When motoring, the relays are normally closed when in regenerative braking mode the relays switch thus facilitating this



On the left is the open loop flow chart and on the right is the closed loop flow chart.

