List of requirements

1. All measurments should be isolated
   1. Current measurement isolation: achieved;
   2. Voltage measurement isolation: achieved;
   3. DC bus voltage measurement: achieved;
   4. Termistor temperature measurement: **not achieved**
      1. **An isolation amplifier should be considered**
   5. Fault: to be considered
2. All of the driving signals/pwm should be isolated
   1. Include an isolation DC/DC converter
3. The IPM module must be supplied by an isolation DC/DC converter
   1. Include an isolation DC/DC converter (15.5V)