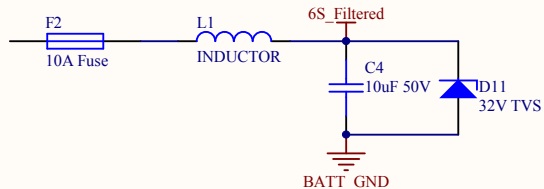
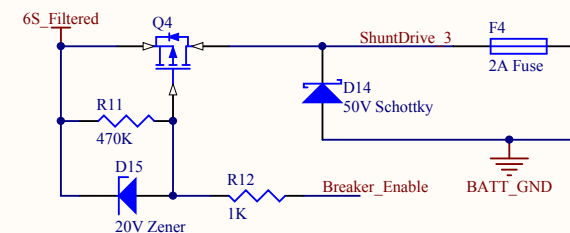
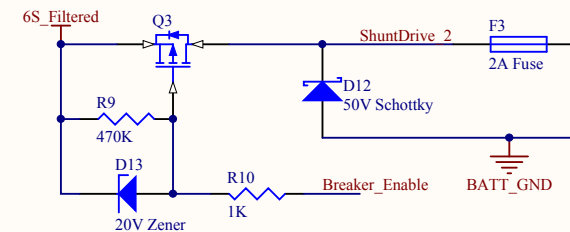
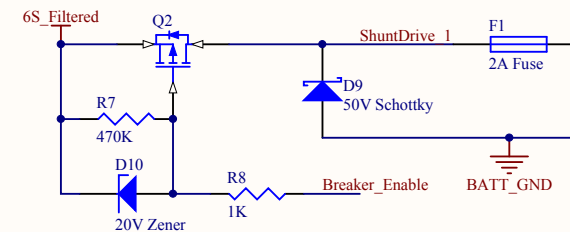


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| Title     |                                       |           |
| Size<br>A | Number                                | Revision  |
| Date:     | 14/06/2013                            | Sheet of  |
| File:     | F:\Sync\...\Connection_Checker.SchDoc | Drawn By: |

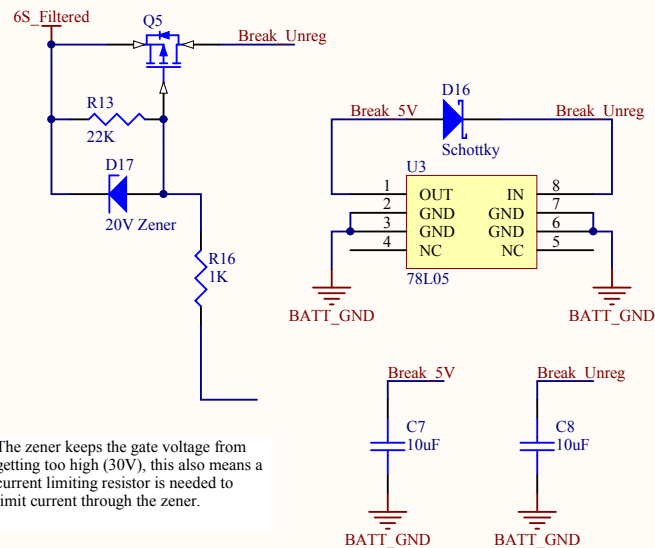
Input from 6S Cells, LC filtered and fused to 10A.  
Voltage can vary from 18 to 25.2 volts



Shunt drive sections turn on the fets individually to drive the shunt trips.



The E-Stop enables this P-CH MOSFET, which in turn powers up the RC pulse generator to activate the breakers. This arrangement should mean no quiescent losses which imbalance the pack.



RC Delay, FETs turns off when the 10uF comes above 2.5V  
10uF and 100K values need to be tuned to ensure a sufficiently long pulse to trip the shunts.

