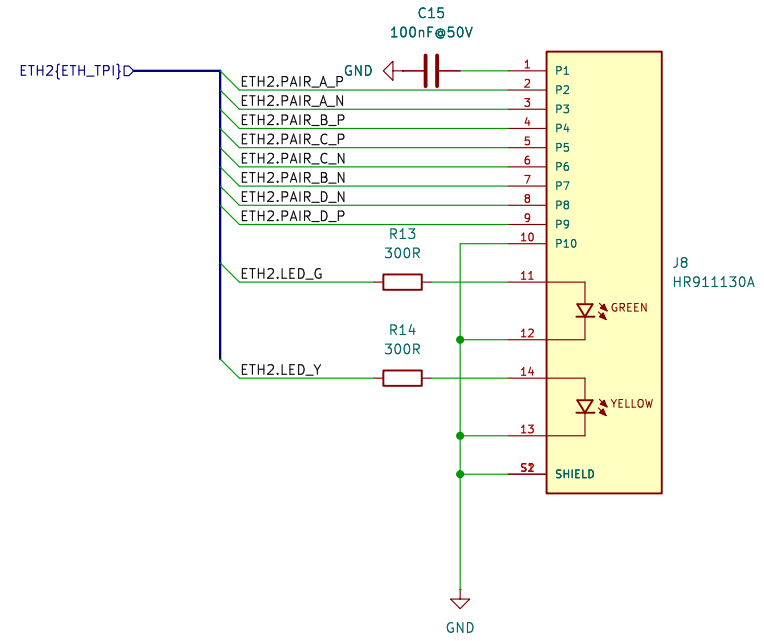
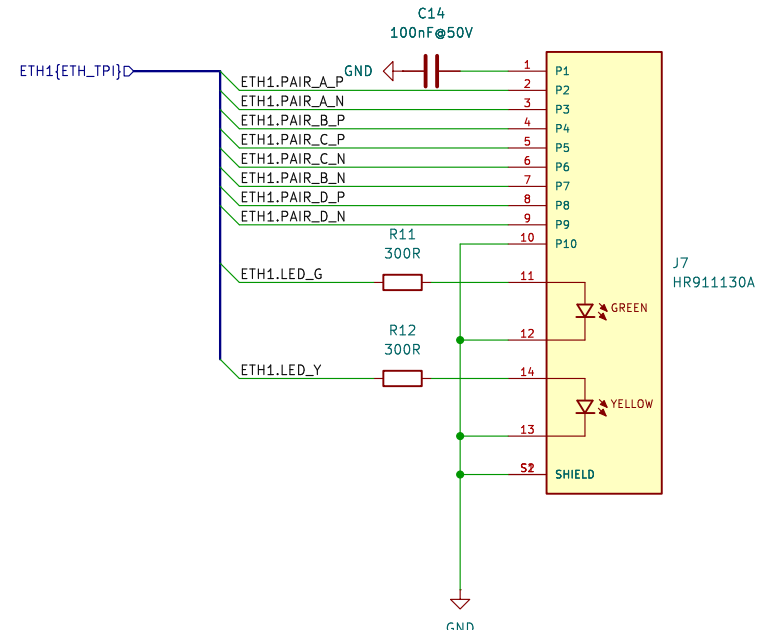
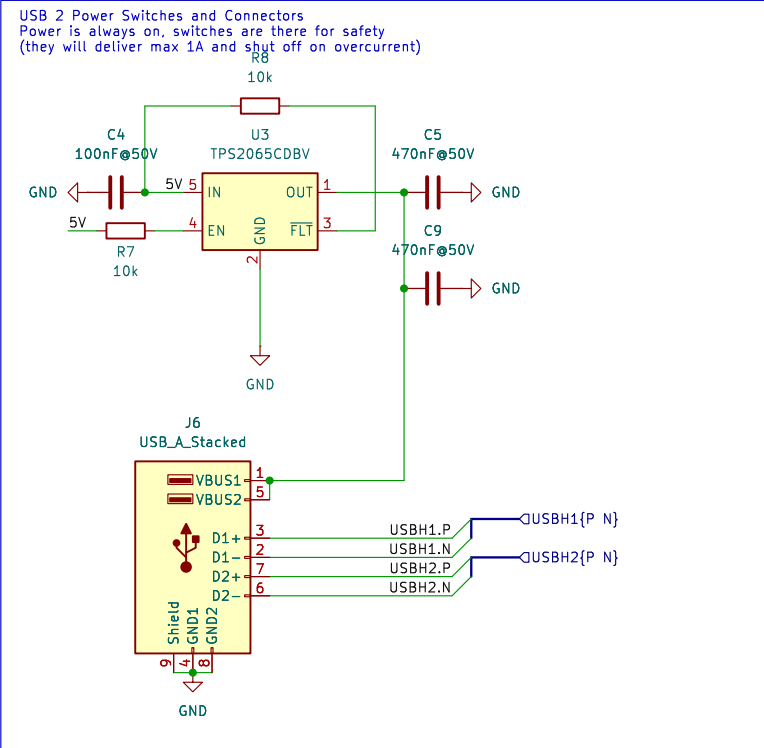
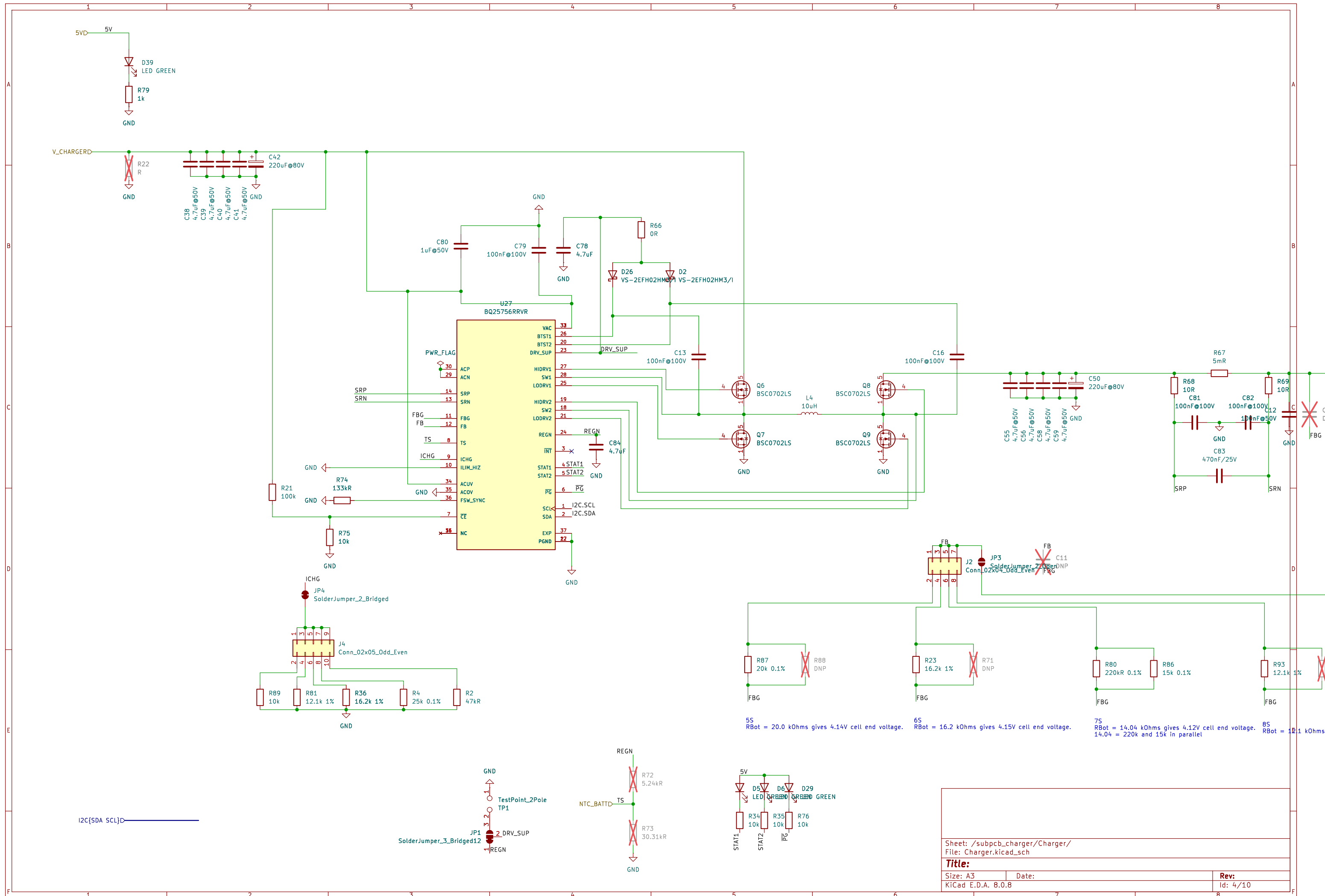


5V 5V

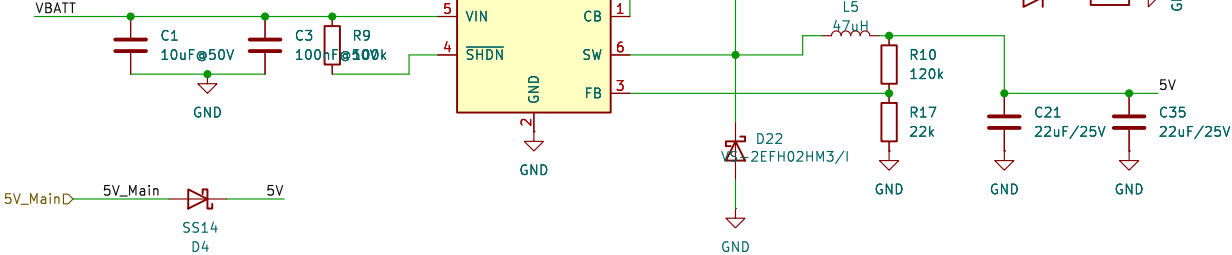




Generates 5V on the sub-PCB.

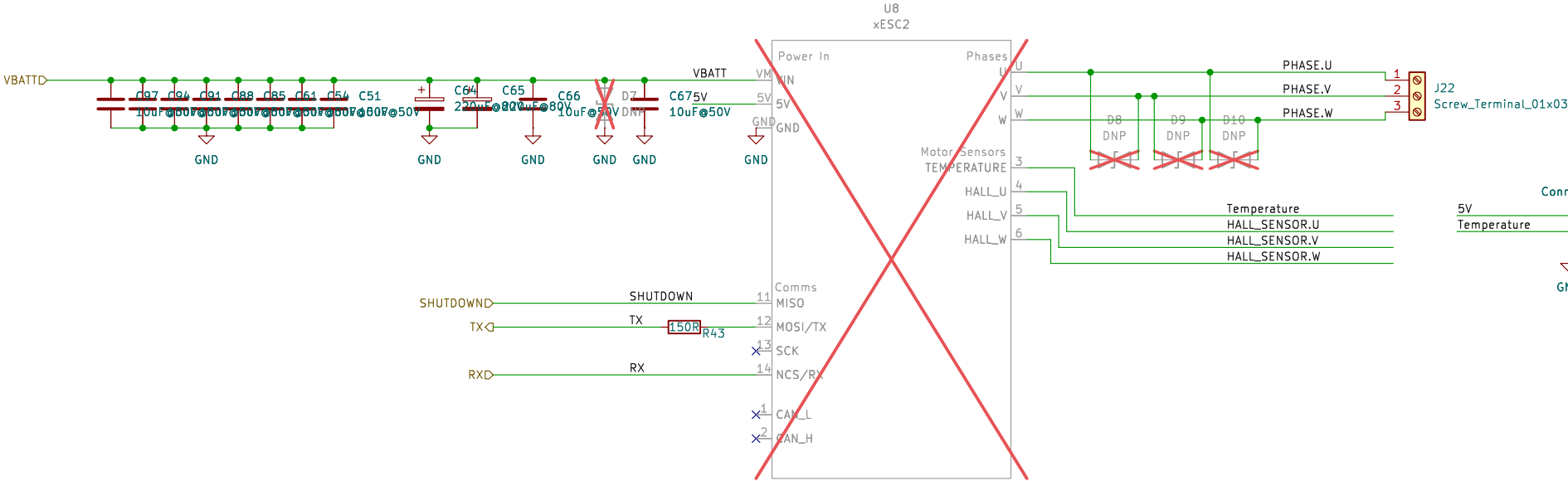
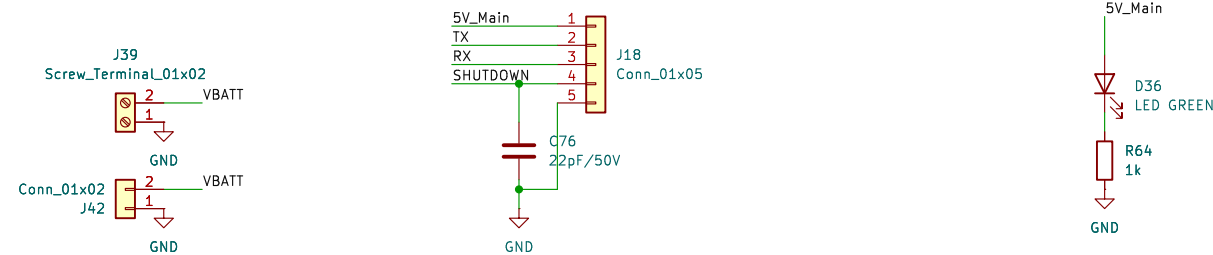
This is only necessary when splitting the PCB and using it in stand-alone operation.

If you design an integrated solution, use the 5V from the main DCDC instead to save on cost and solution size.

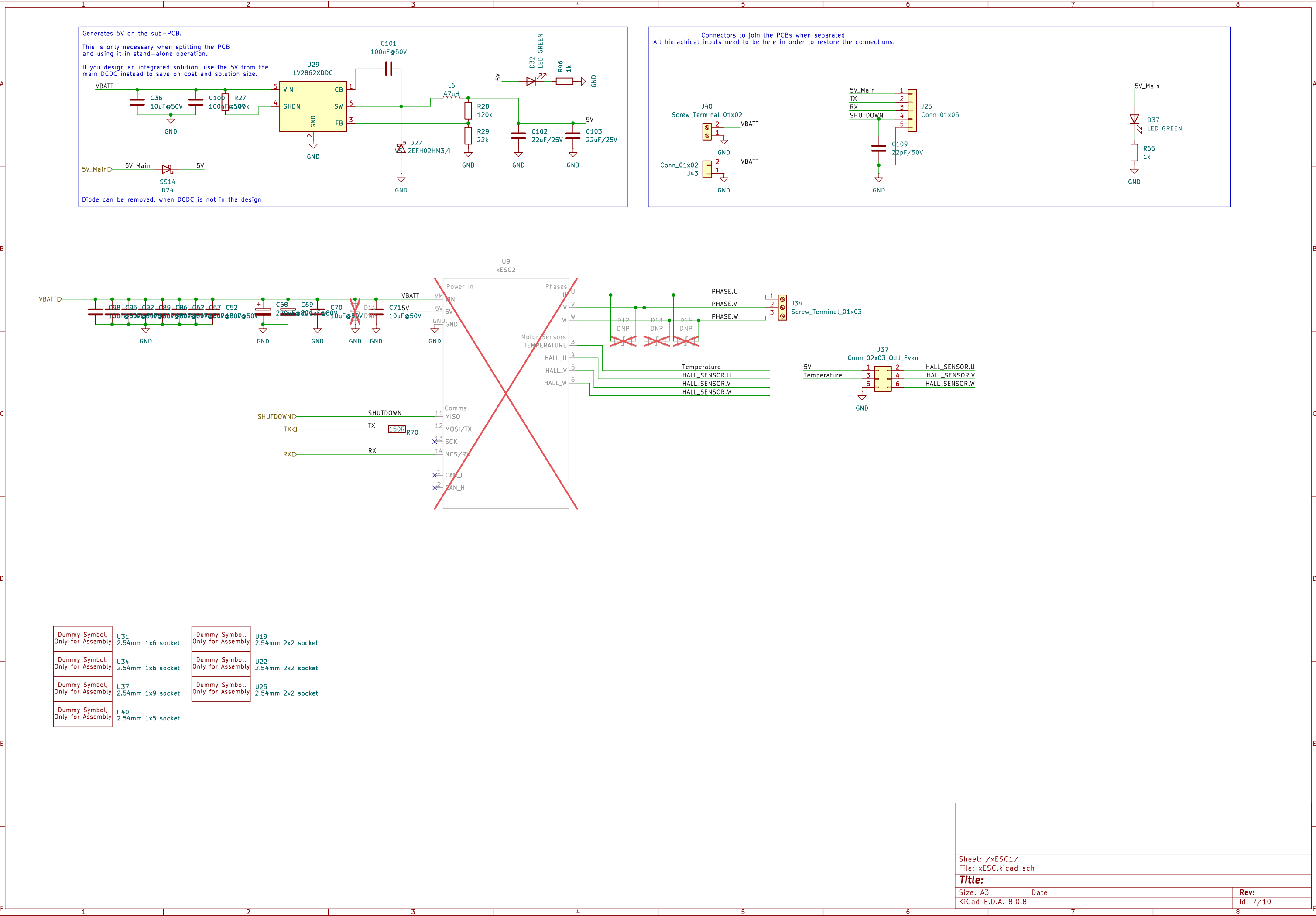


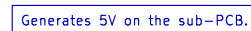
Diode can be removed, when DCDC is not in the design

Connectors to join the PCBs when separated.
All hierarchical inputs need to be here in order to restore the connections.



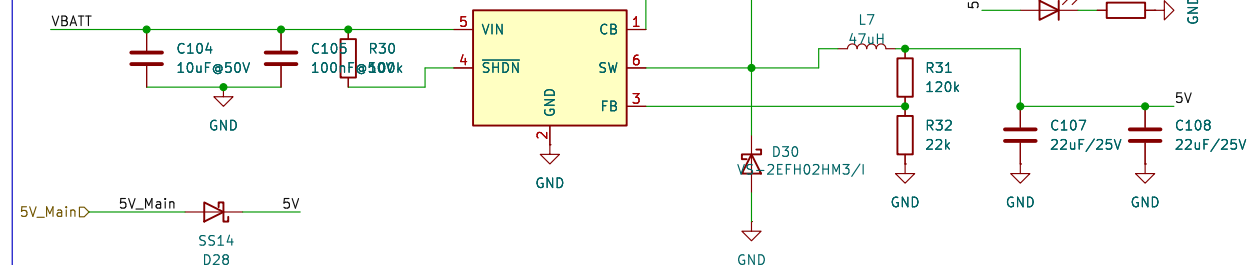
| | | | |
|------------------------------------|--------------------------|------------------------------------|--------------------------|
| Dummy Symbol, Only for Assembly | U30 2.54mm 1x6 socket | Dummy Symbol, Only for Assembly | U18 2.54mm 2x2 socket |
| Dummy Symbol, Only for Assembly | U33 2.54mm 1x6 socket | Dummy Symbol, Only for Assembly | U21 2.54mm 2x2 socket |
| Dummy Symbol, Only for Assembly | U36 2.54mm 1x9 socket | Dummy Symbol, Only for Assembly | U24 2.54mm 2x2 socket |
| Dummy Symbol, Only for Assembly | U39 2.54mm 1x5 socket | | |



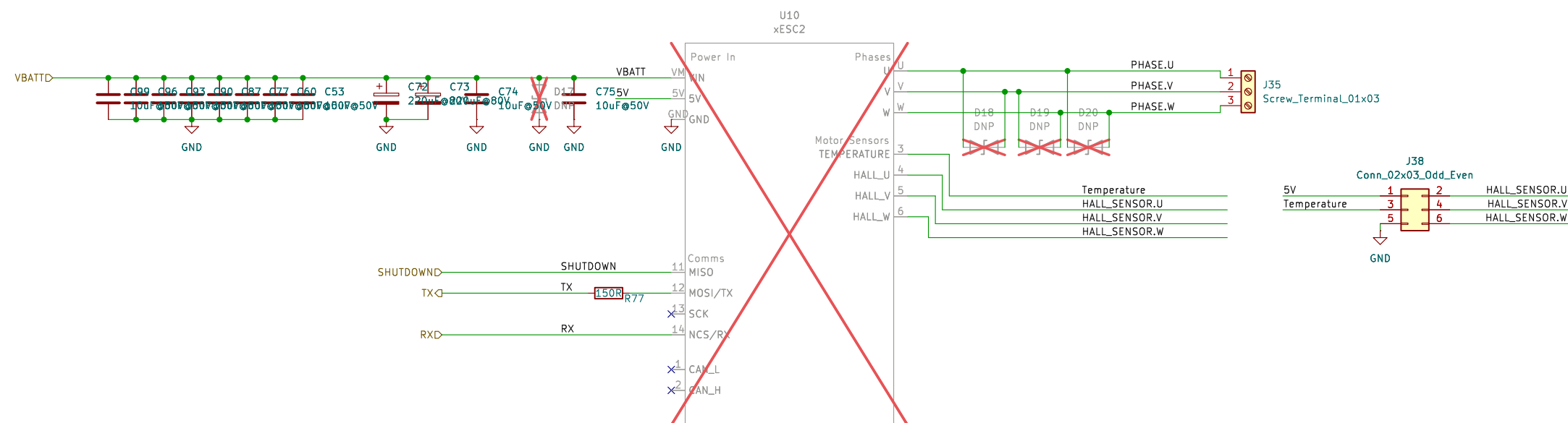
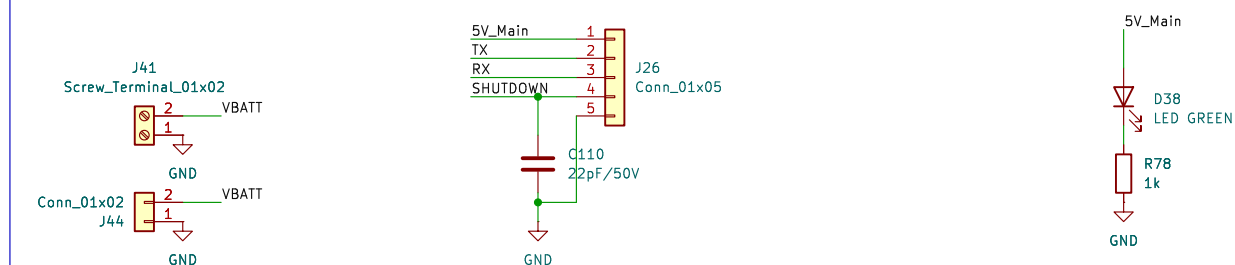


This is only necessary when splitting the PCB and using it in stand-alone operation.

If you design an integrated solution, use the 5V from the main DCDC instead to save on cost and solution size.



Connectors to join the PCBs when separated.
All hierarchical inputs need to be here in order to restore the connections.



| | | | |
|------------------------------------|--------------------------|------------------------------------|--------------------------|
| Dummy Symbol, Only for Assembly | U32 2.54mm 1x6 socket | Dummy Symbol, Only for Assembly | U20 2.54mm 2x2 socket |
| Dummy Symbol, Only for Assembly | U35 2.54mm 1x6 socket | Dummy Symbol, Only for Assembly | U23 2.54mm 2x2 socket |
| Dummy Symbol, Only for Assembly | U38 2.54mm 1x9 socket | Dummy Symbol, Only for Assembly | U26 2.54mm 2x2 socket |
| Dummy Symbol, Only for Assembly | U41 2.54mm 1x5 socket | | |

