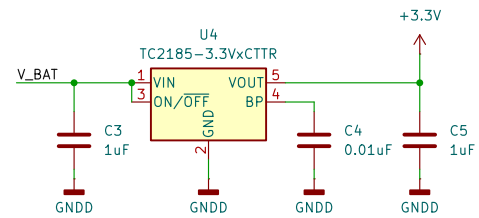
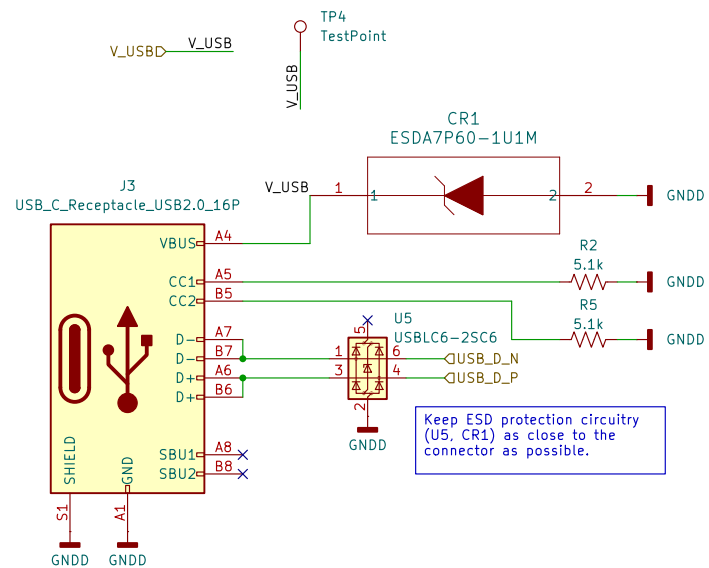
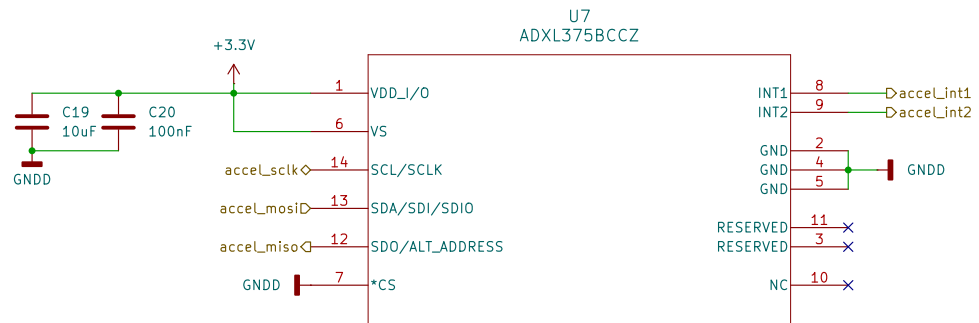
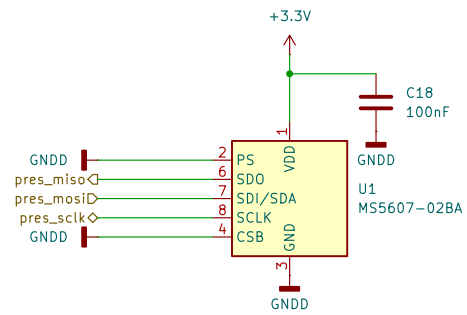
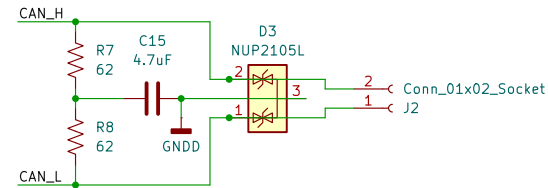
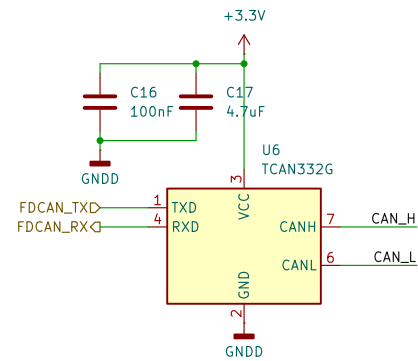


ONLY D1 on: Charging  
 ONLY D2 on: Done charging  
 D1 & D2 on: BMS in shutdown mode  
 D1 & D2 off: No power from USB









Termination and ESD protection devices should be placed close to the connector.

Use at least two vias for +3.3V and GNDD connections of bypass capacitors and protection devices to minimize trace and via inductance.

Bulk and bypass capacitors (C16, C17) should be placed as close to the transceiver (U6) as possible.