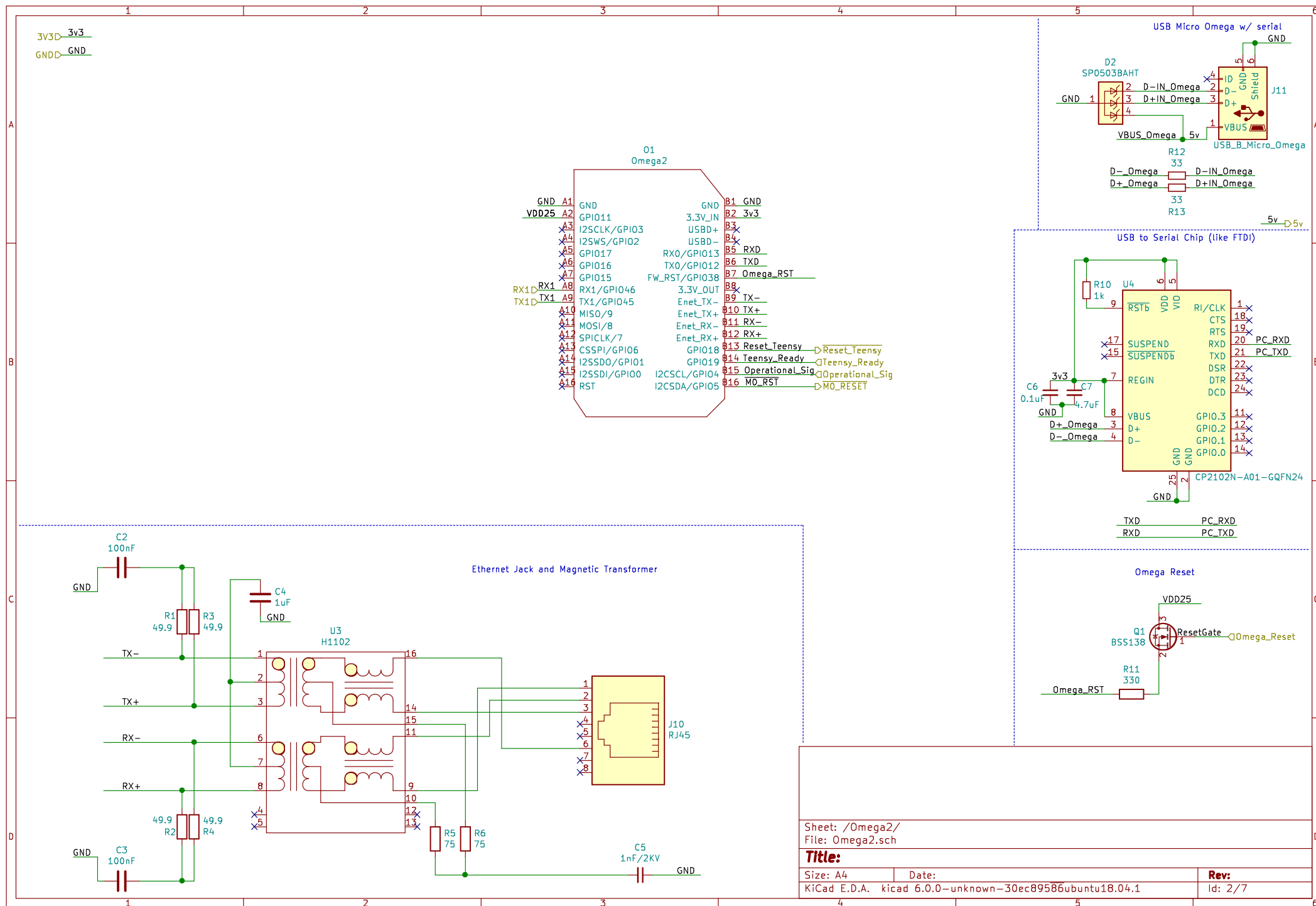
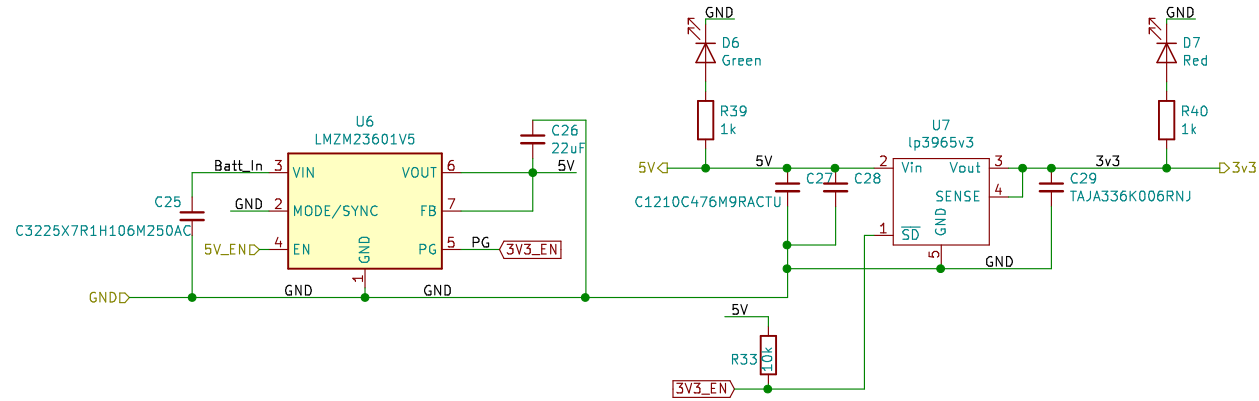


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Pack+D Batt\_In



Sheet: /batteryStepDown/  
File: batteryStepDown.sch

**Title:**

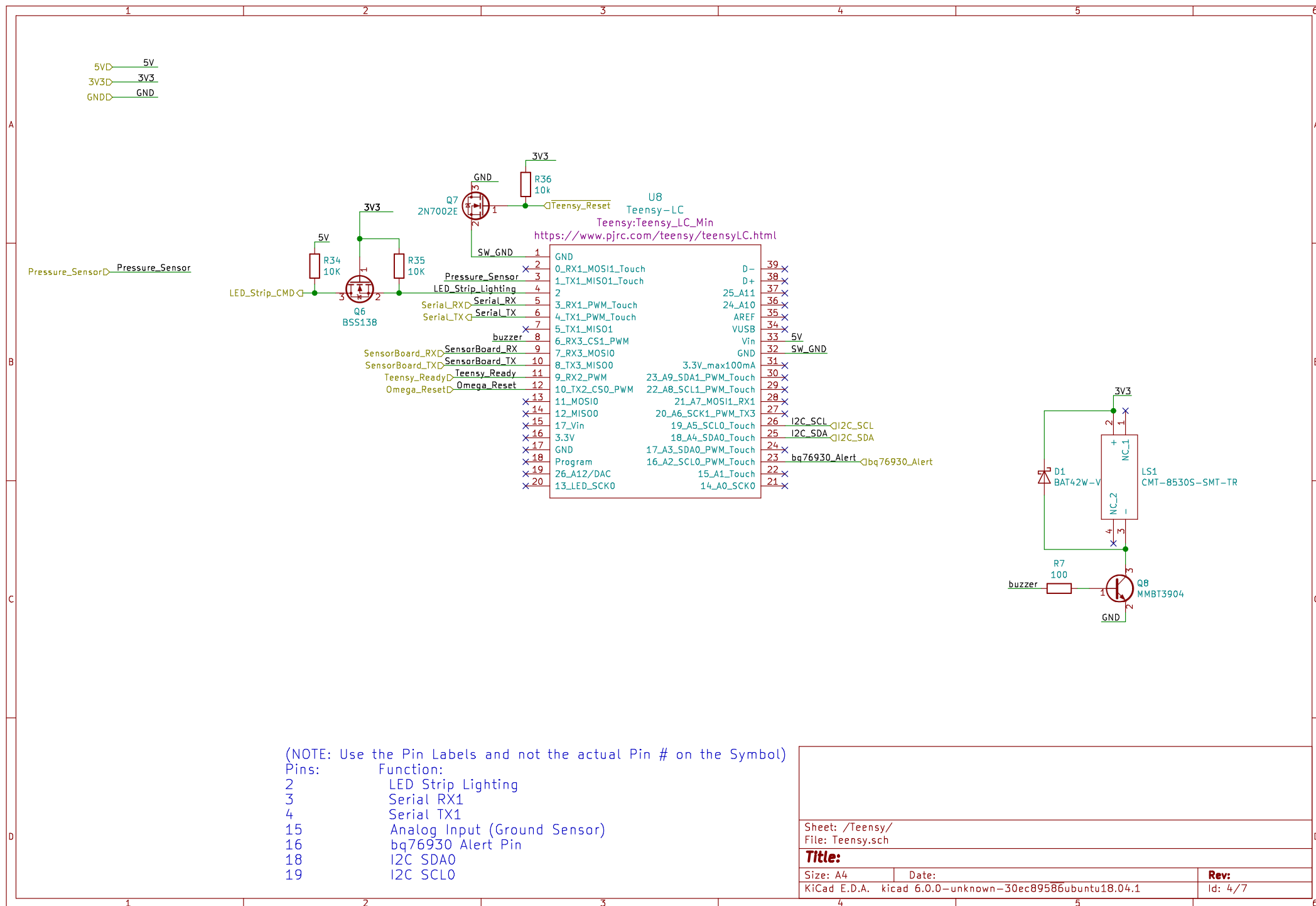
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KiCad E.D.A. kicad 6.0.0-unknown-30ec89586ubuntu18.04.1

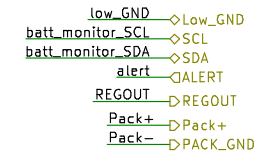
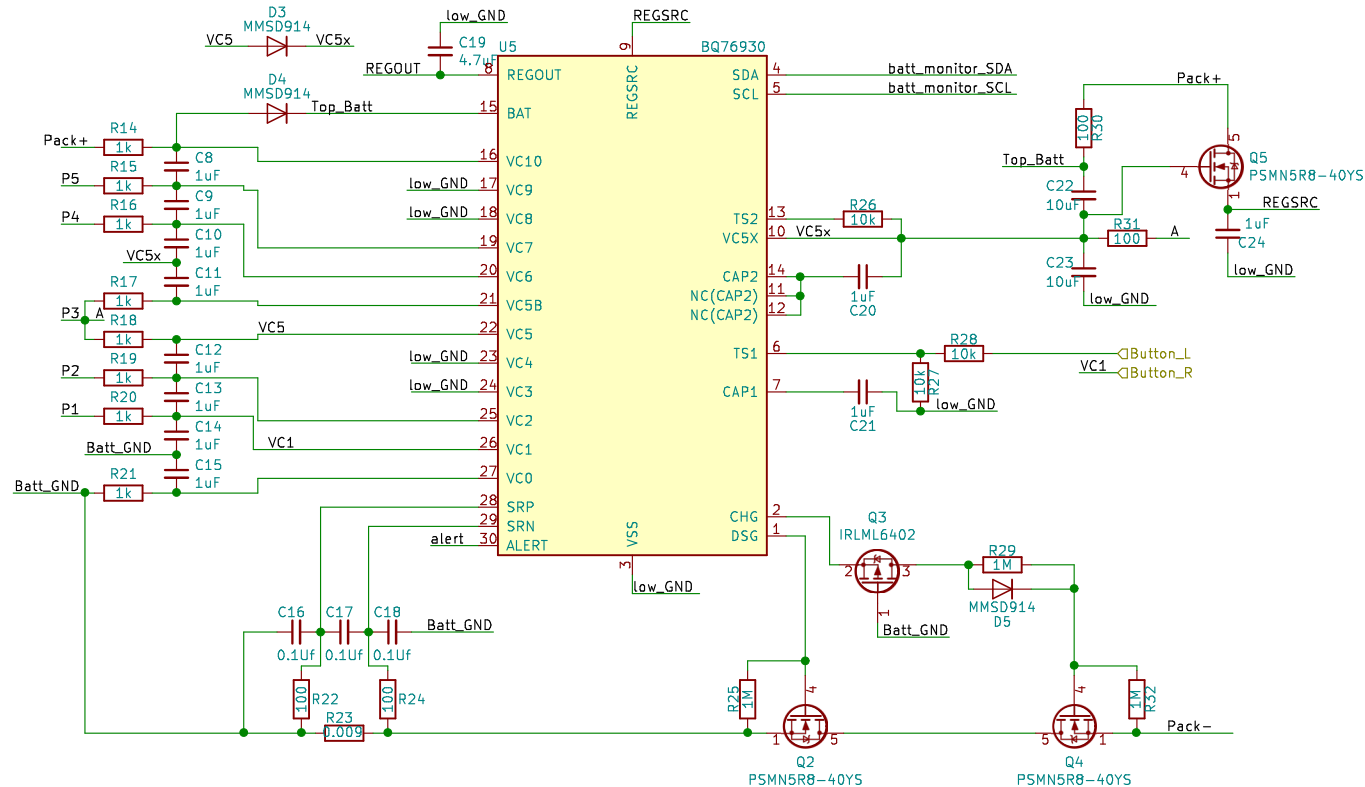
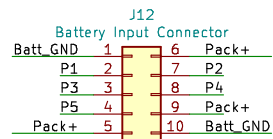
Id: 3/7





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cell minimum volatage 3.0V  
 cell count 6  
 charge voltage 25.2  
 max charge current 1.75A  
 peak discharge current 20A  
 OV Protection threshold 4.3V  
 OV protection Delay 2s  
 UV Protection Threshold 2.5V  
 UV protection Delay 2s  
 OCD Protection Threshold 20A -> PROTECT2[0:3] = 0xD (89mV, 19.3A, RSNS = 1)  
 OCD Protection Delay 320ms -> PROTECT2[4:6] = 0x5 (320ms)  
 SCD Protection Threshold 35A -> PROTECT1[0:2] = 0x5 (155mV, 33.6A, RSNS = 1)  
 SCD Protection Delay 100us -> PROTECT1[3:4] = 0X1 (100us)

Sheet: /batteryMonitor/  
 File: batteryMonitor.sch

**Title:**

Size: A4

Date:

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**Rev:**

Id: 7/7