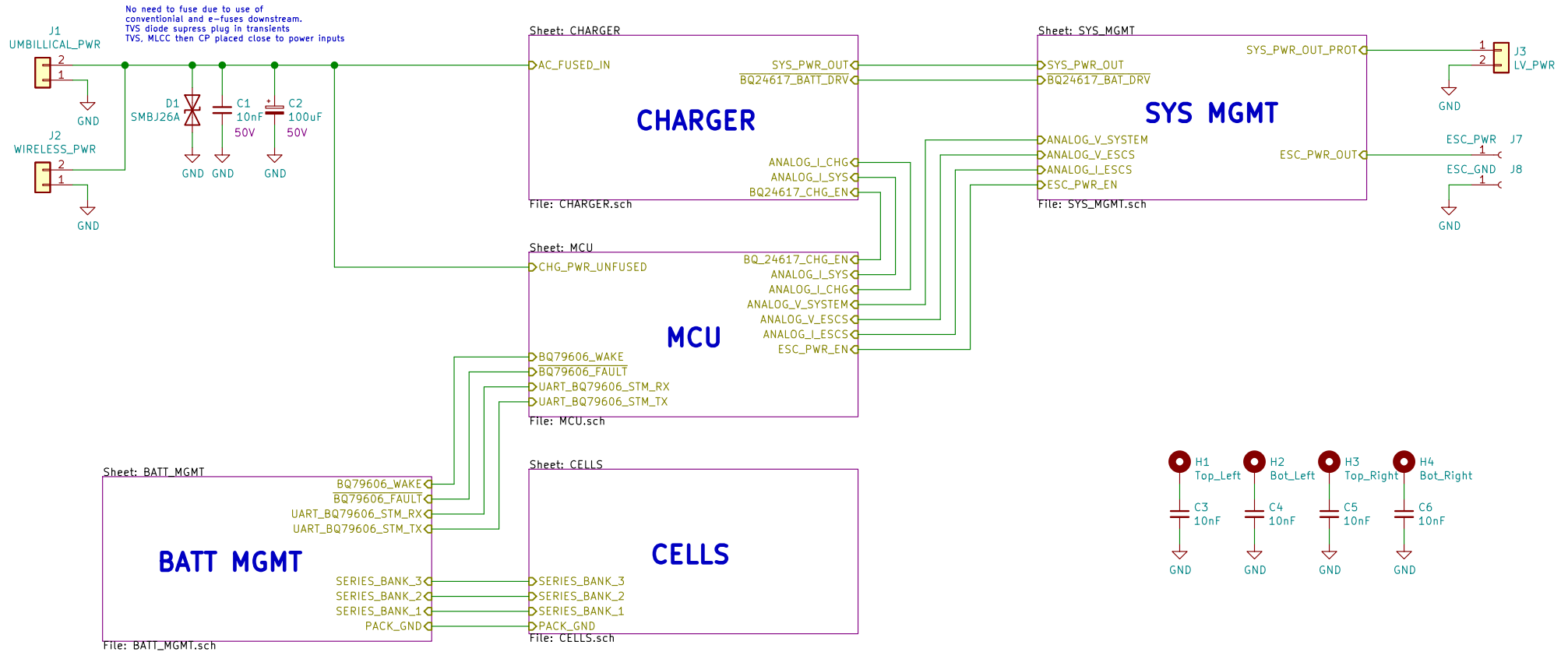


# CHUM BUCKET

Highly Integrated, Small Footprint, Managed Lithium Battery

Chum Bucket Features:  
- 3s8p Lithium Cell config  
- 1A Balancing Current  
- 8A (1C) cell charging  
- 1kW peak power delivery  
- e-fused I/O for decreased footprint  
- Power telemetry broadcasted via CAN

Key for Component Names:  
EG: CYXX (X being sequential number)  
Y Numbers:  
0: General Peripheral  
1: Charger IC  
2: MCU and Signal I/O  
3: Battery Management  
4: Power Management and Output Protections  
(Capacitor voltage ratings given as minimums)



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Sheet: /  
File: chum-bucket.sch

**Title: Chum Bucket – Fully Integrated Lithium Battery System**

Size: A4 Date: 2020-10-22

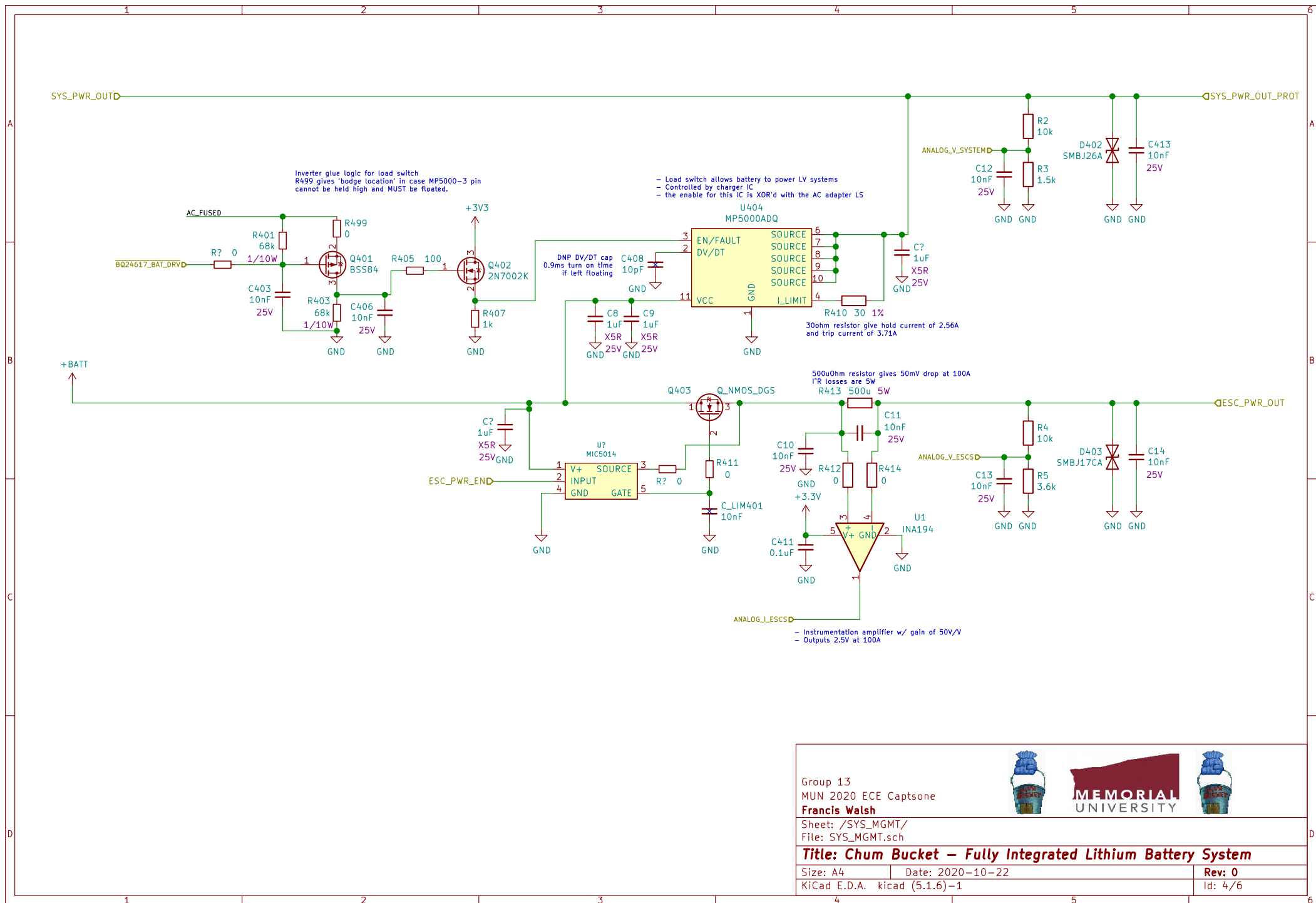
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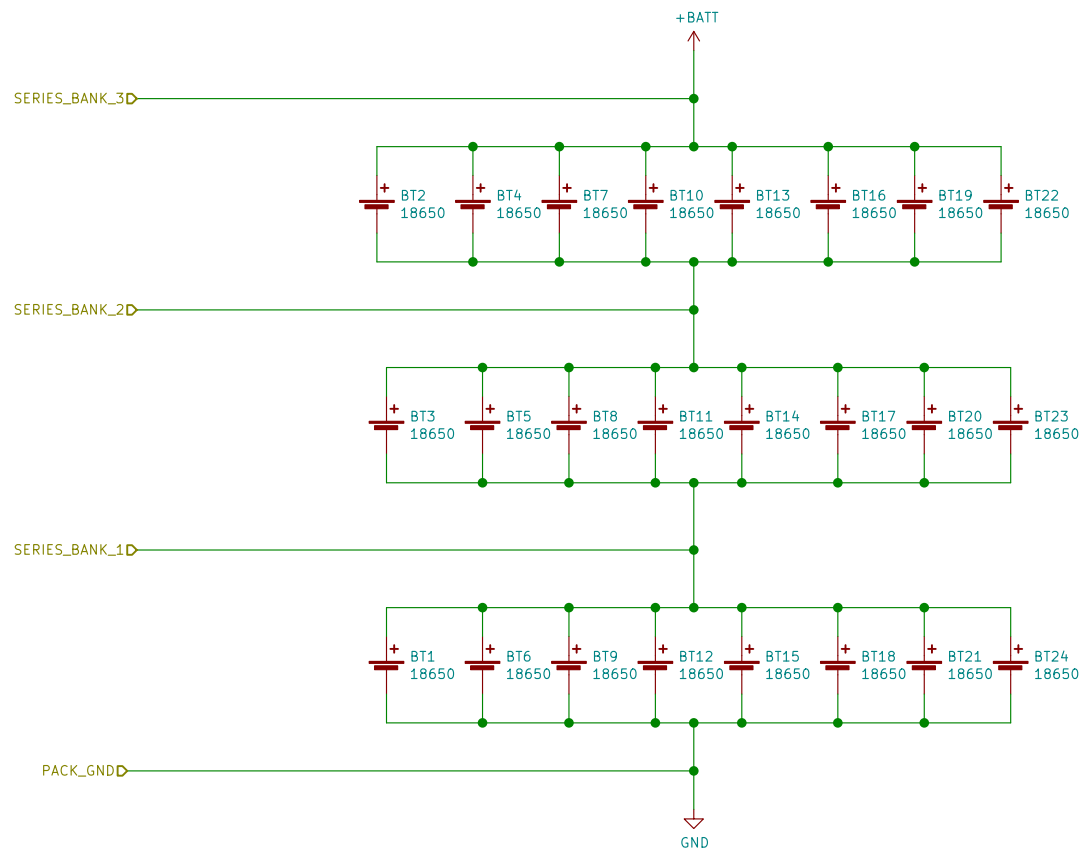
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Sheet: /CELLS/  
File: CELLS.sch

**Title: Chum Bucket – Fully Integrated Lithium Battery System**

Size: A4 Date: 2020-10-22

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Rev: 0

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