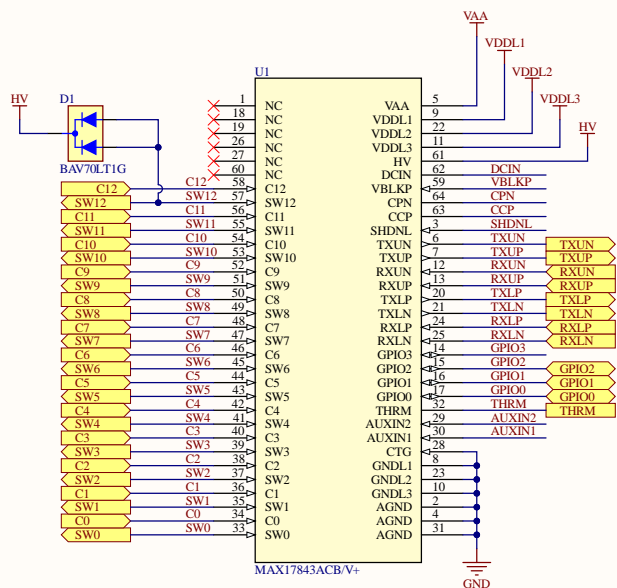
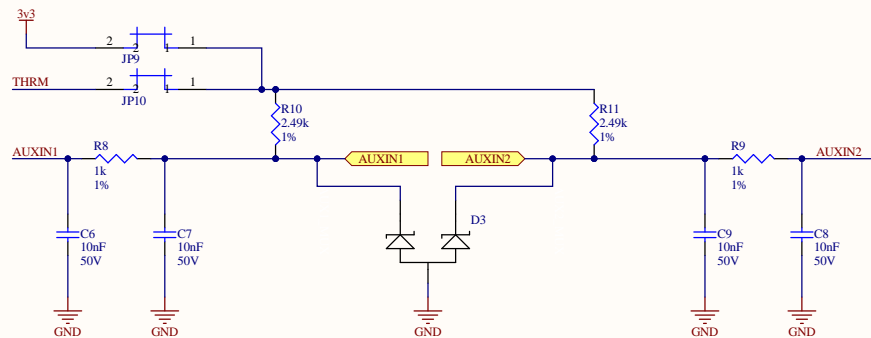


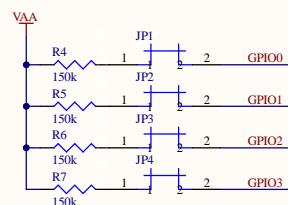
## MAX17843



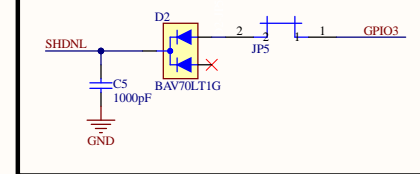
## Analog Ports



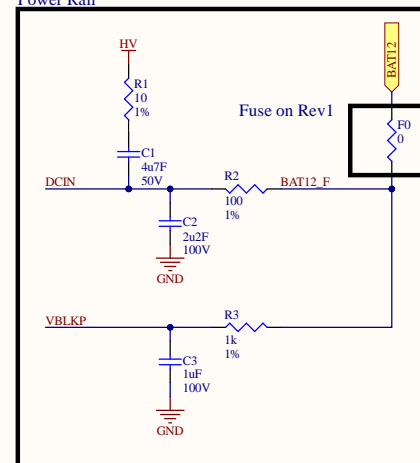
## GPIO Pull-Up Jumpers



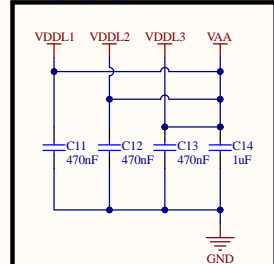
## Shutdown Jumper



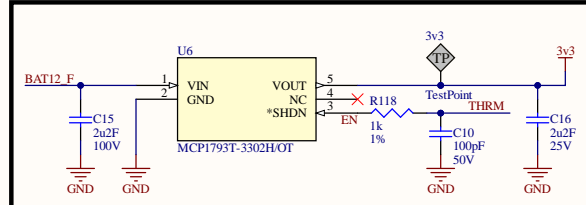
## Power Rail



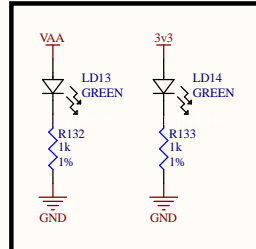
## Decoupling Caps



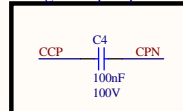
## 3v3 LDO



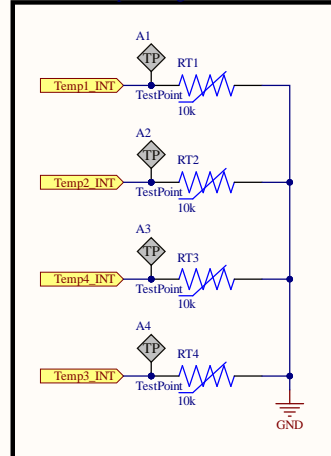
## Power Indicator



## Charge Pump Capacitor

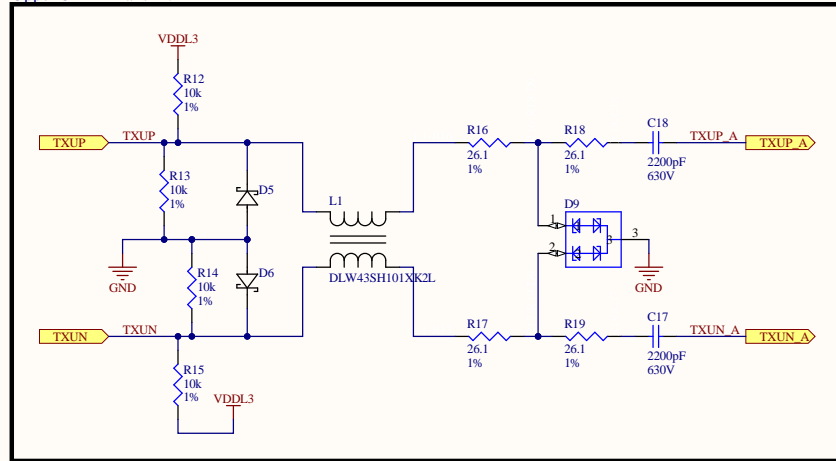


## On-Board Temp Sensing

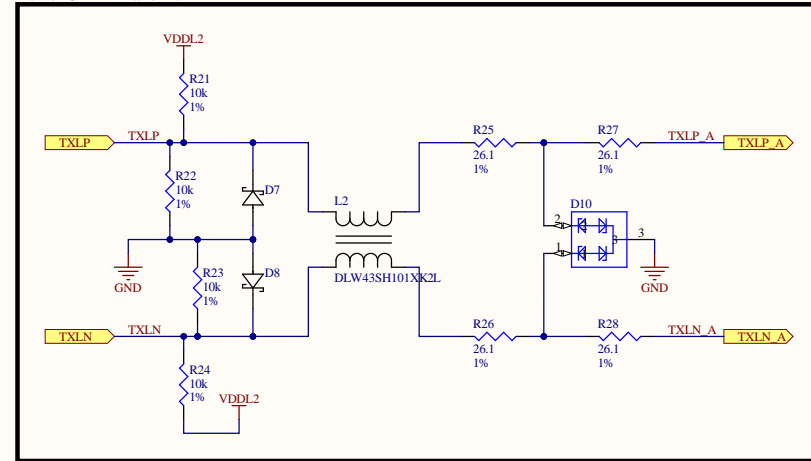


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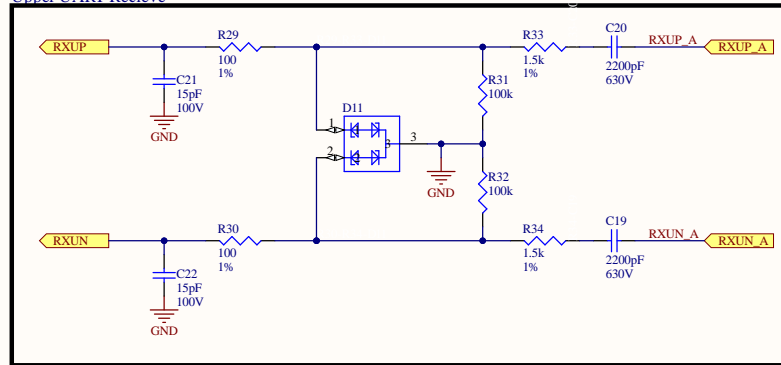
Upper UART Transmit



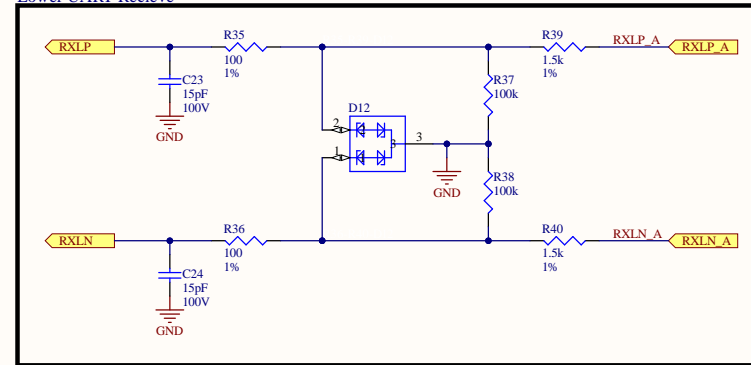
Lower UART Transmit



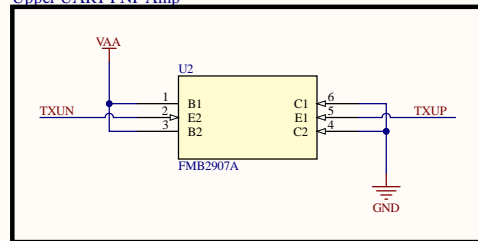
Upper UART Recieve



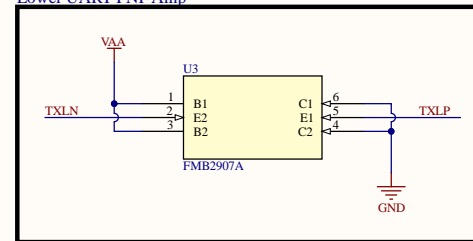
Lower UART Recieve



Upper UART PNP Amp

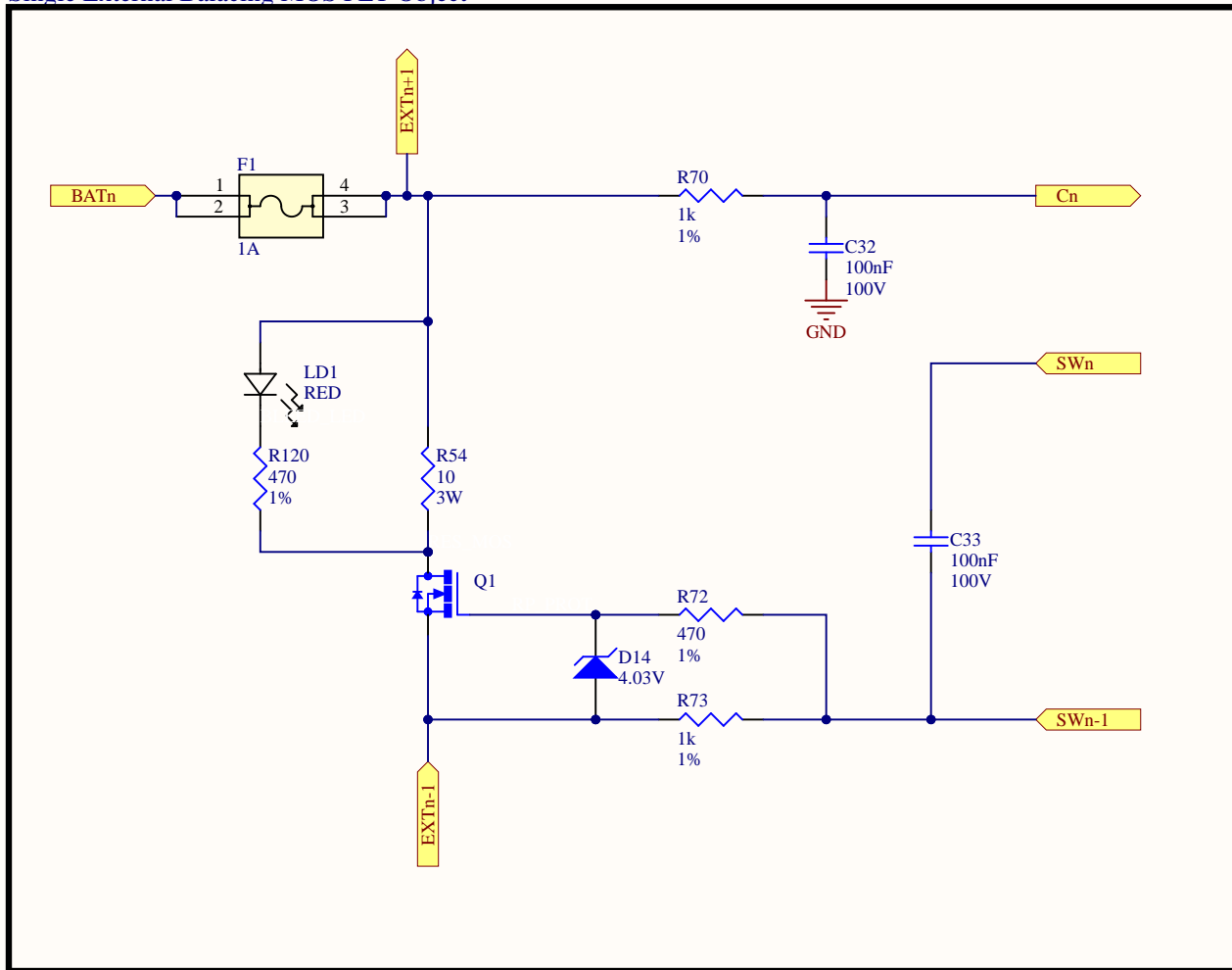


Lower UART PNP Amp



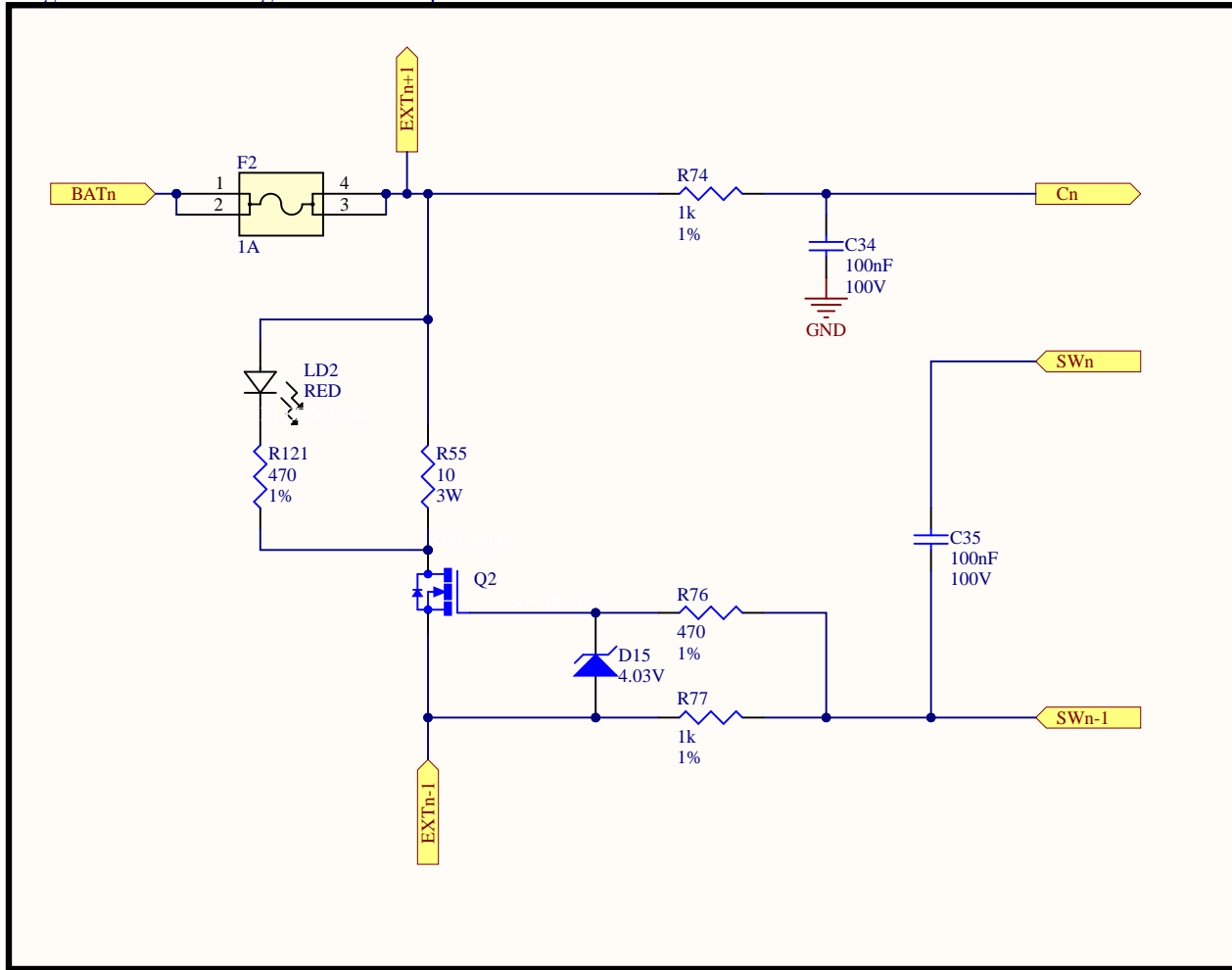
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# Single External Balacing MOS FET Object



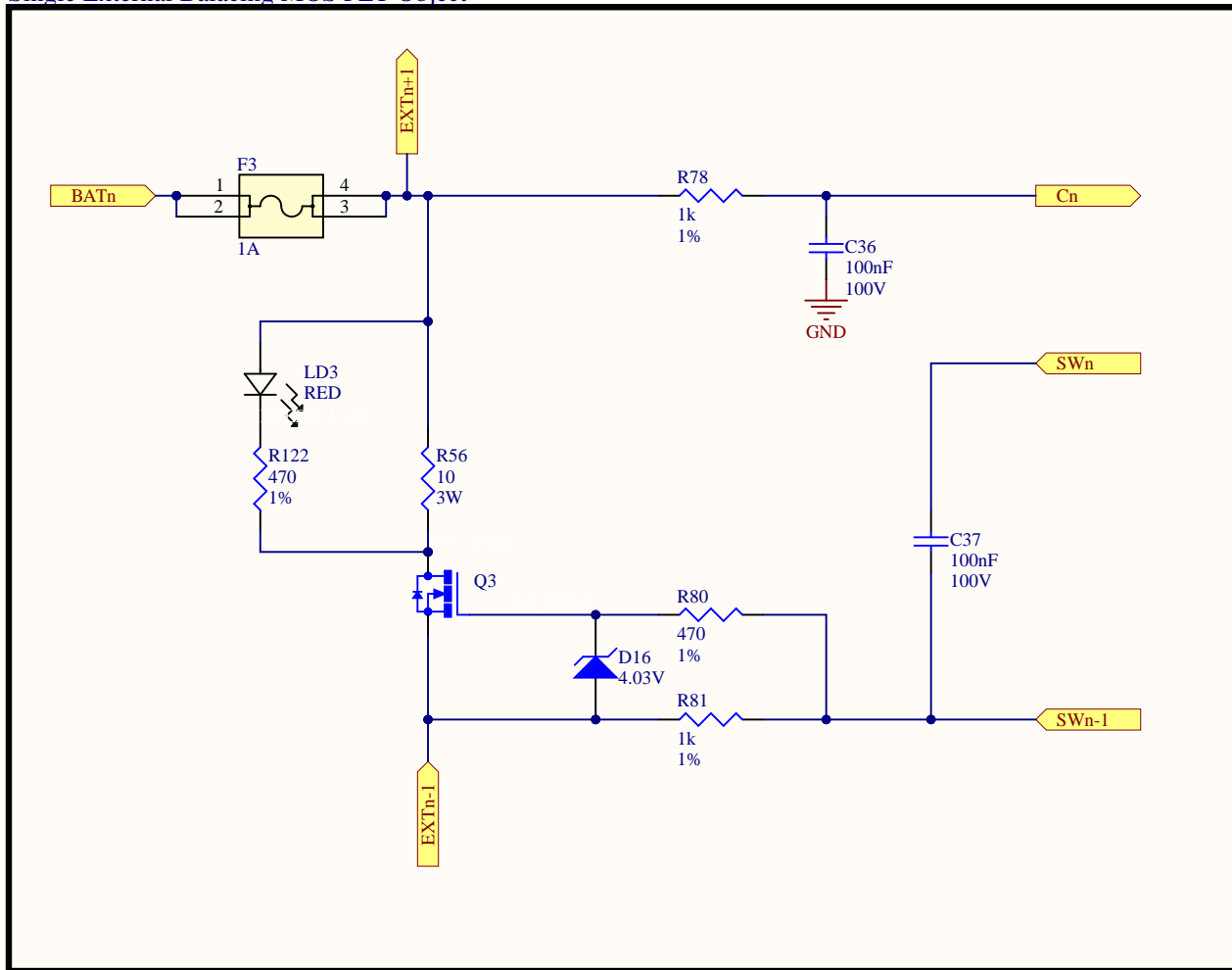
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# Single External Balacing MOS FET Object



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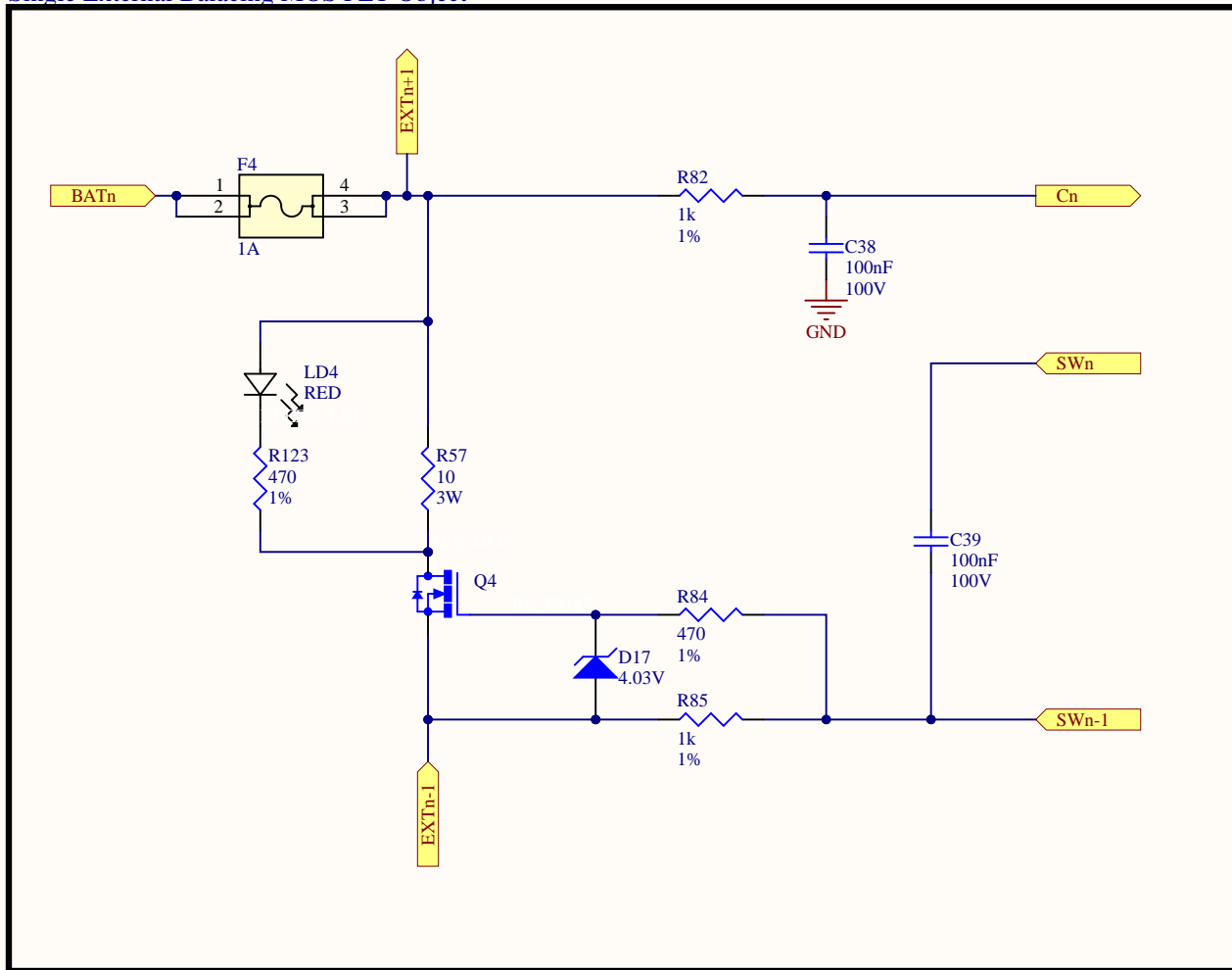
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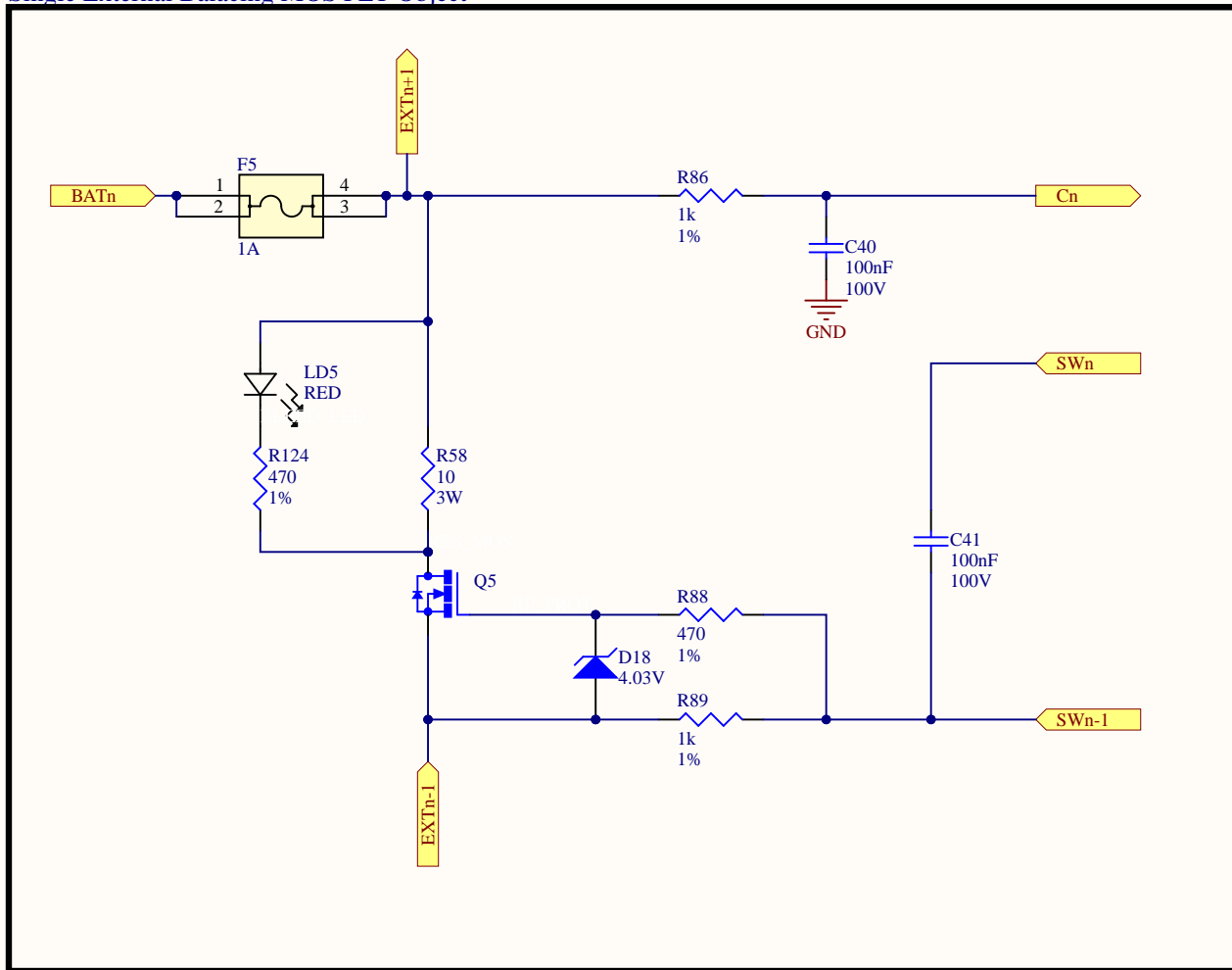


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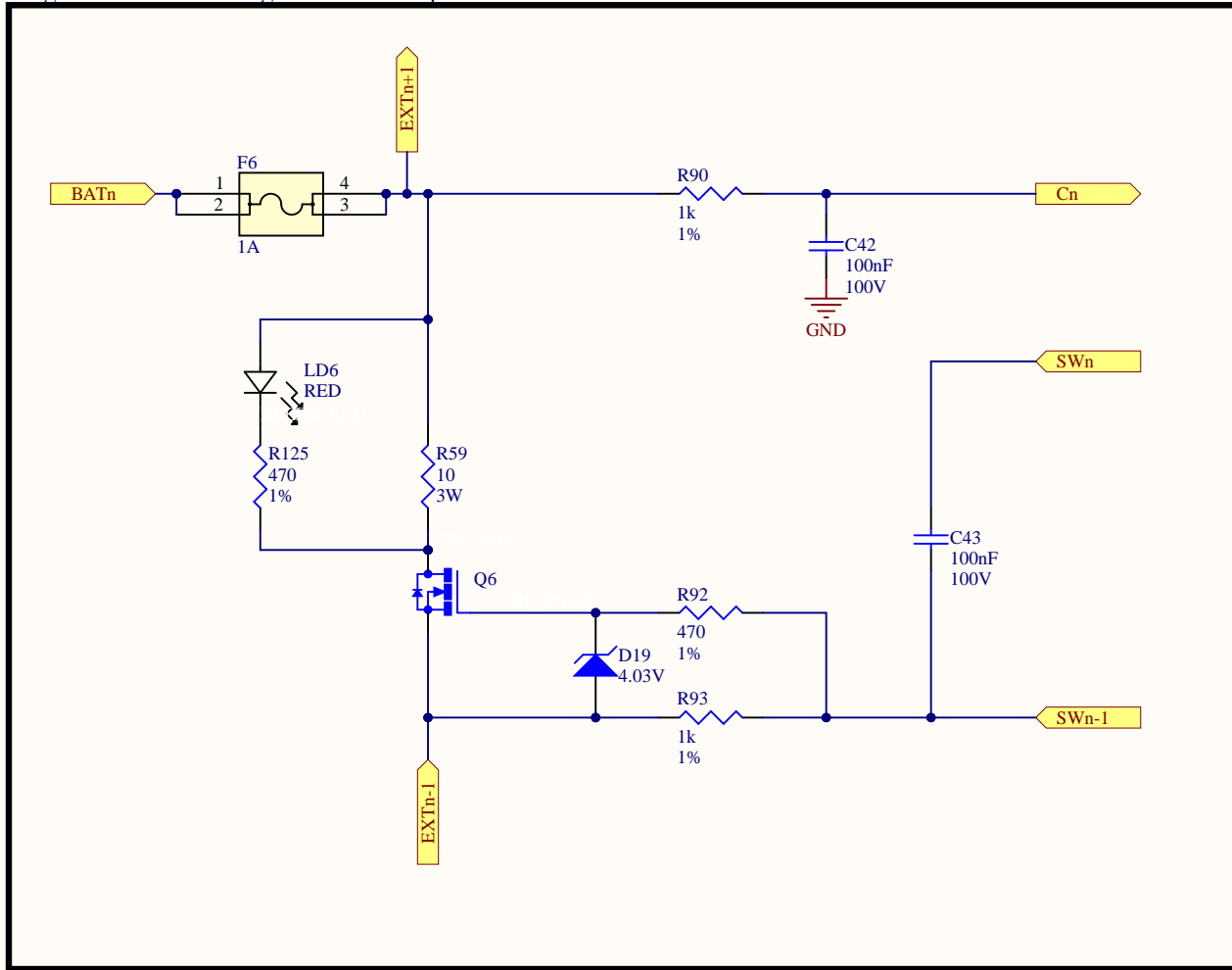
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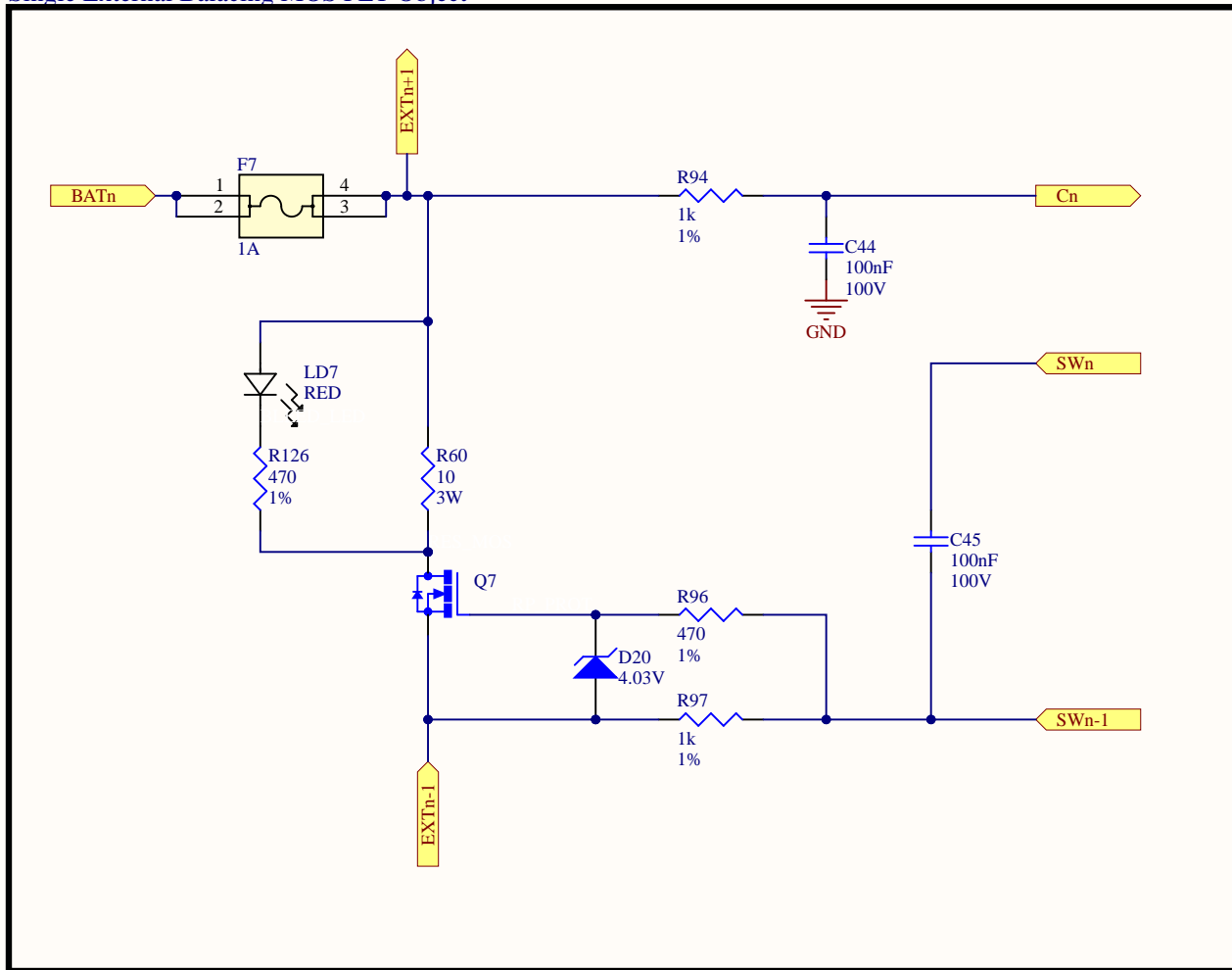
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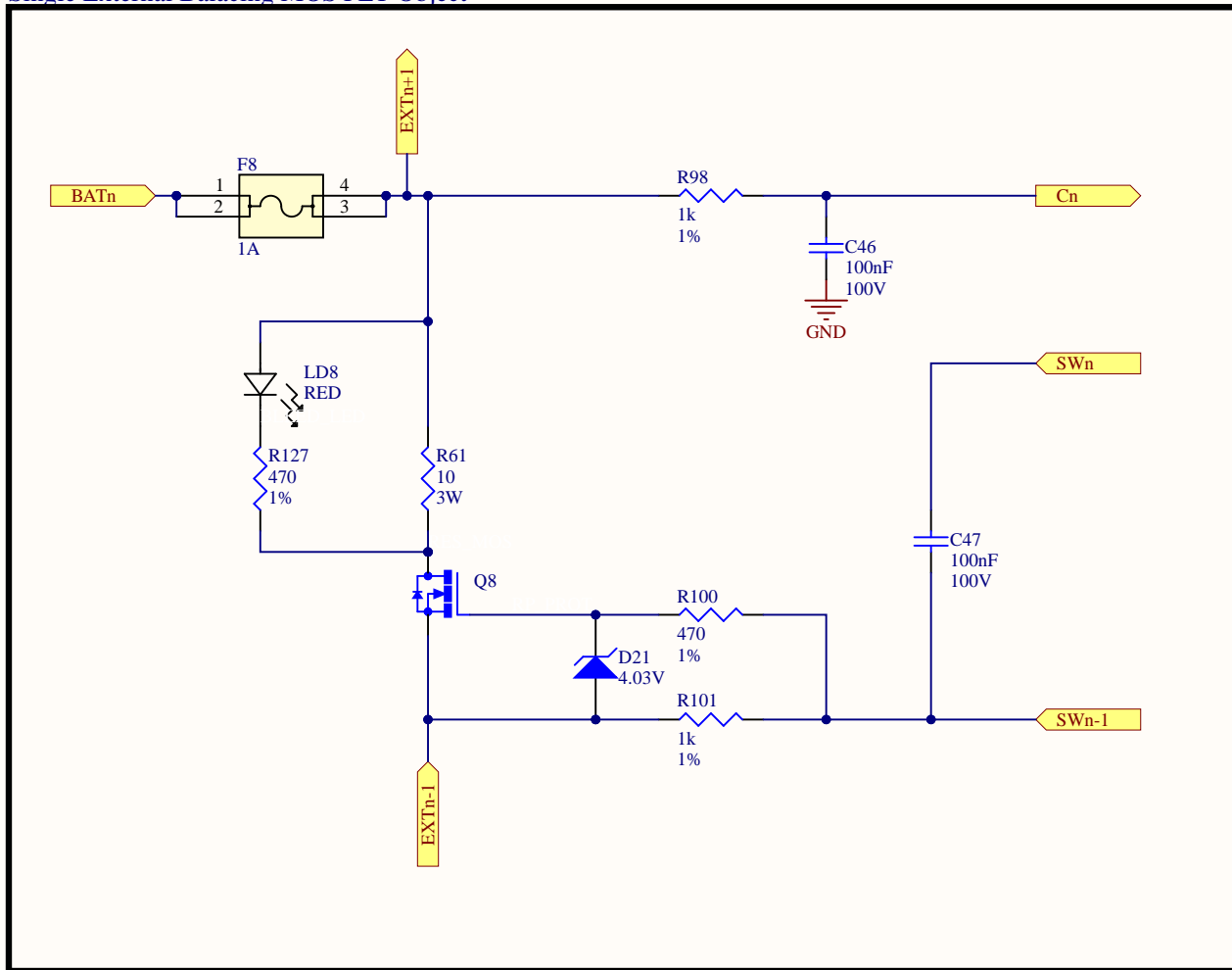
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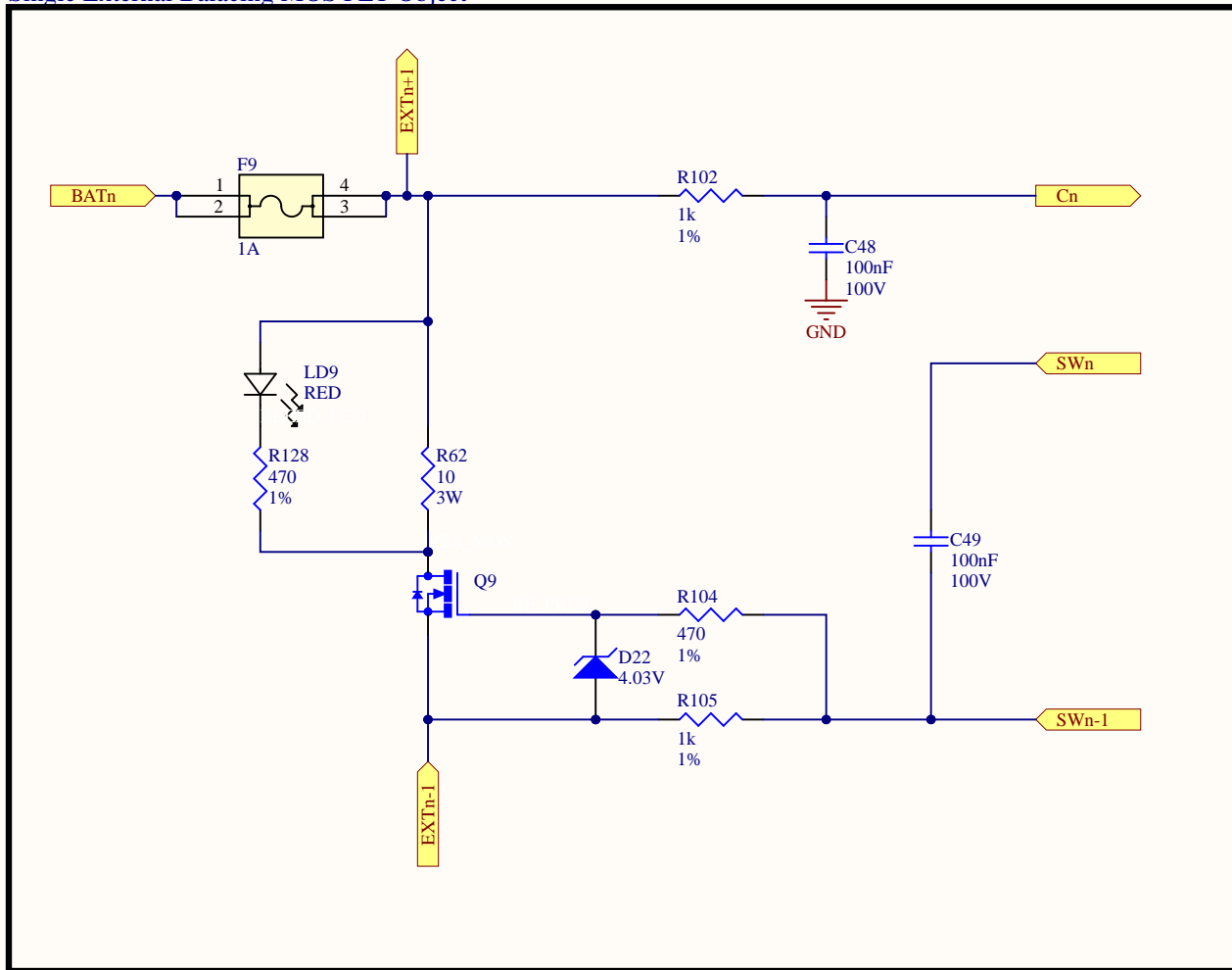
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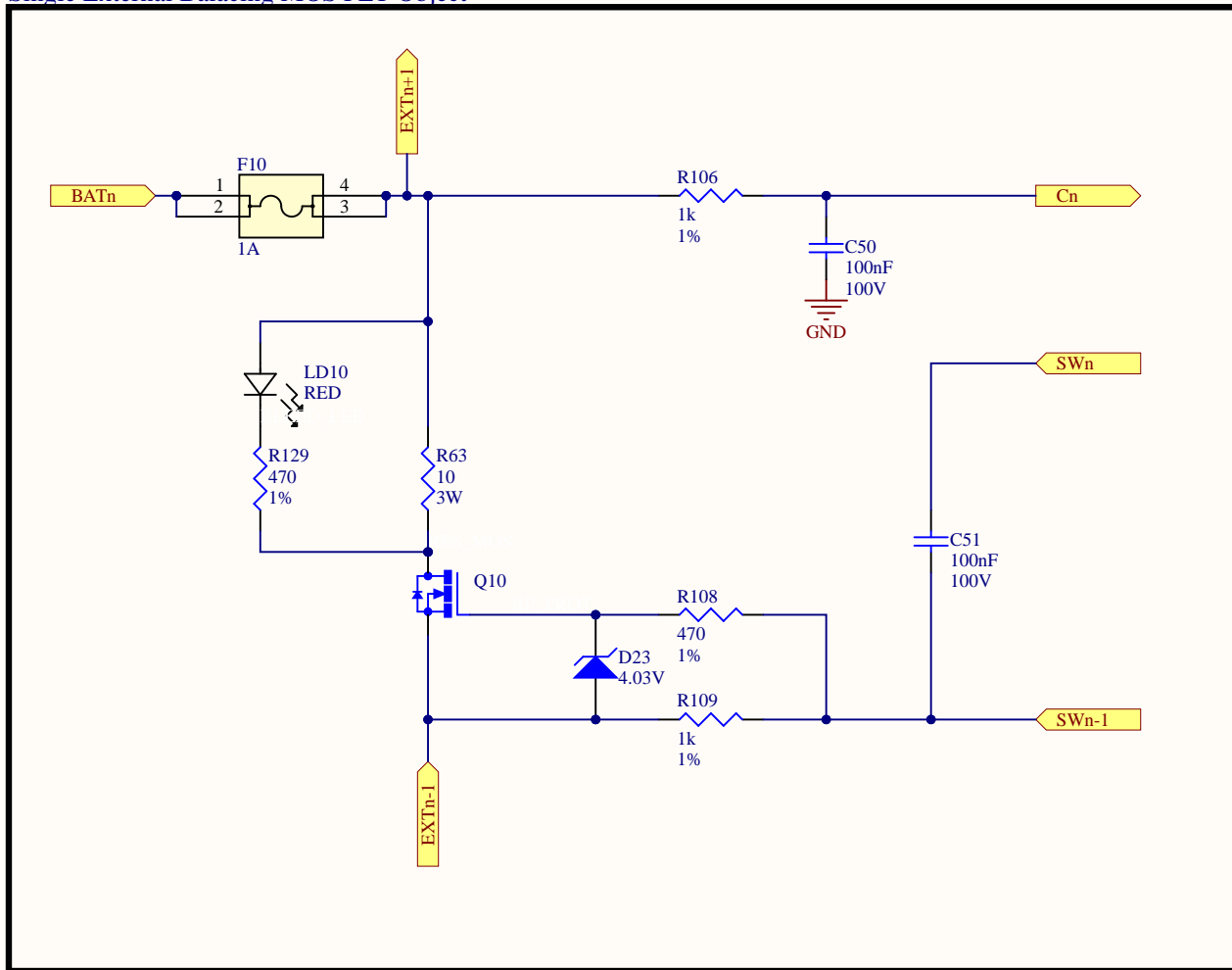
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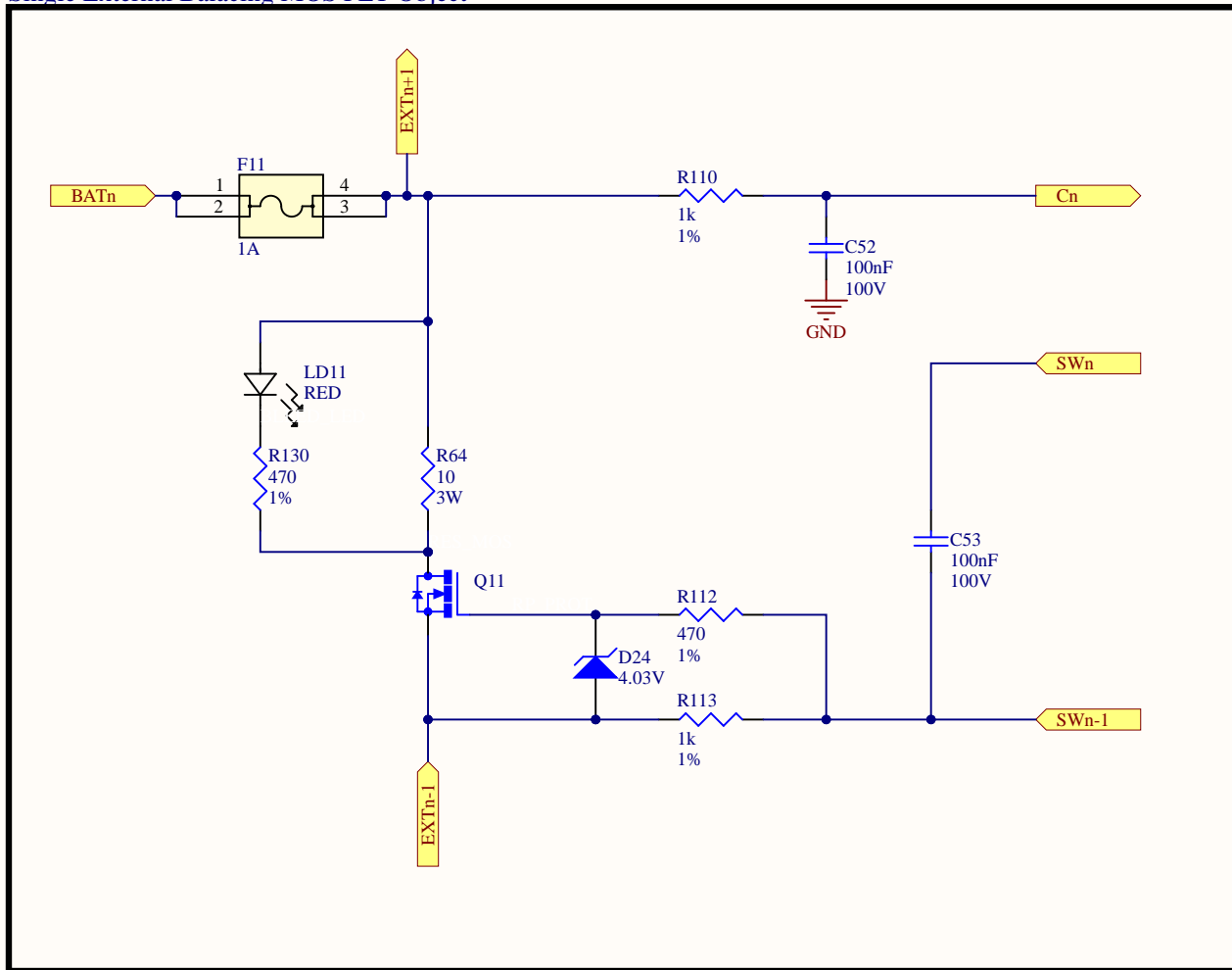
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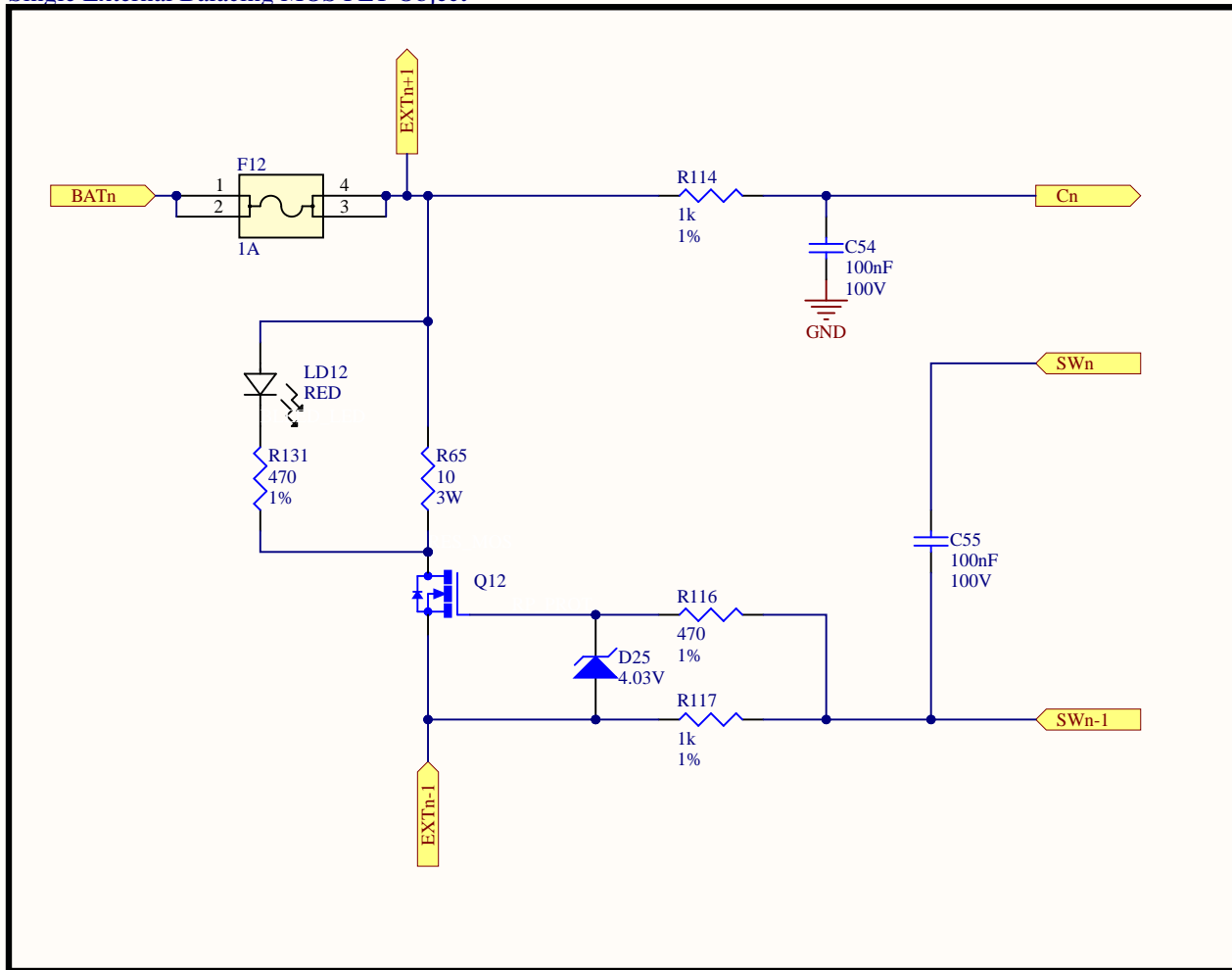
# Single External Balacing MOS FET Object



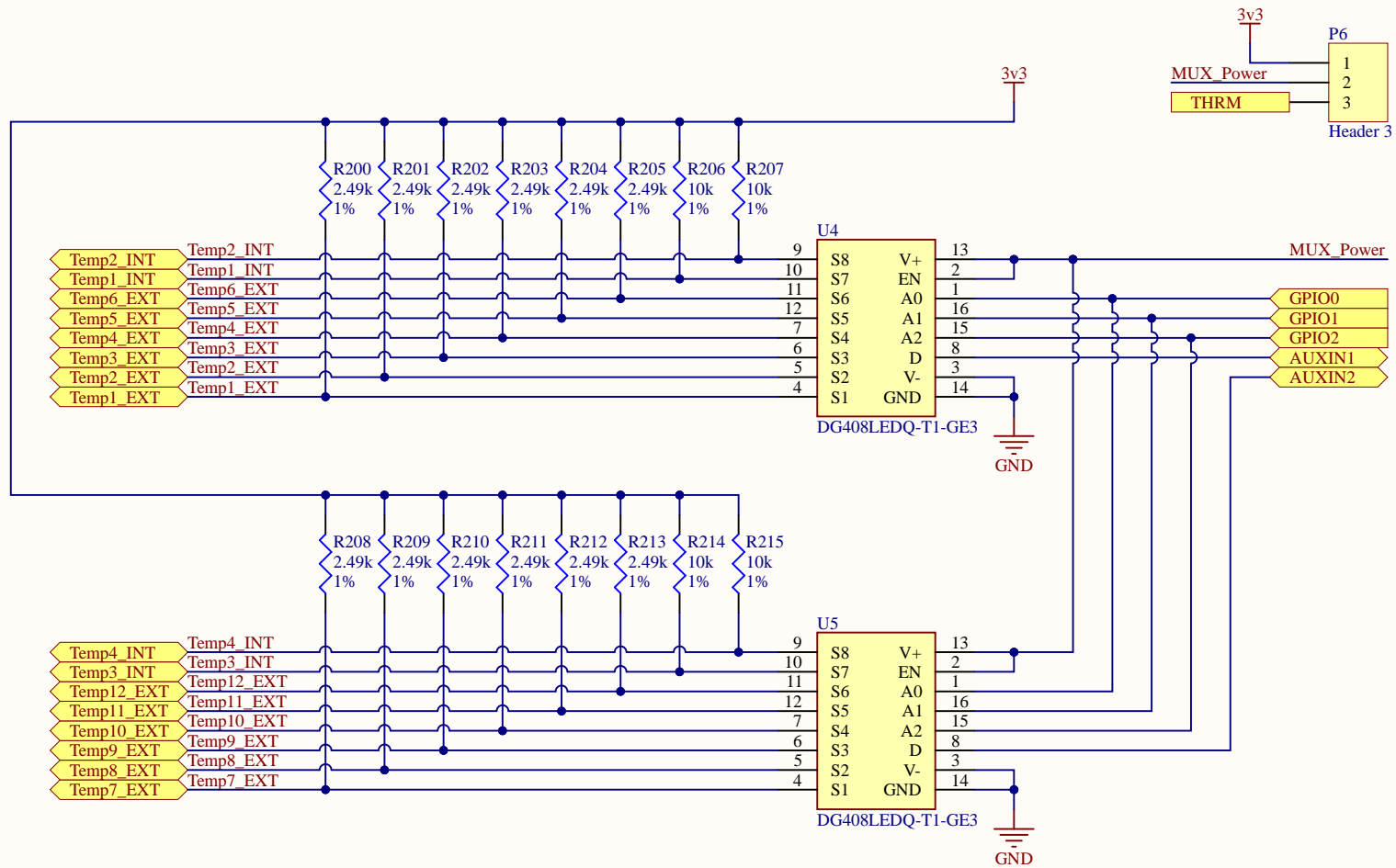
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# Single External Balacing MOS FET Object

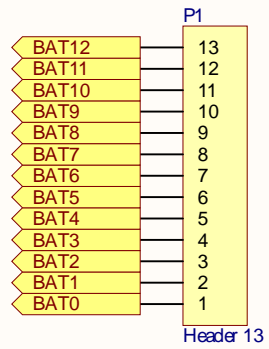


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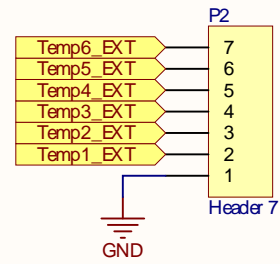


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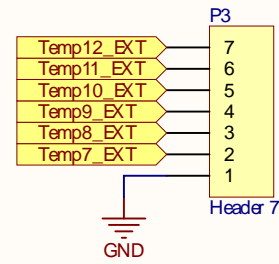
BatteryPackCell Connection



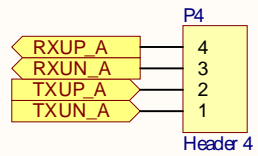
TempertureSensingPorts1-6



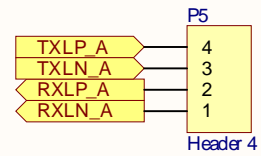
TempertureSensingPorts7-12



UpperUART Port

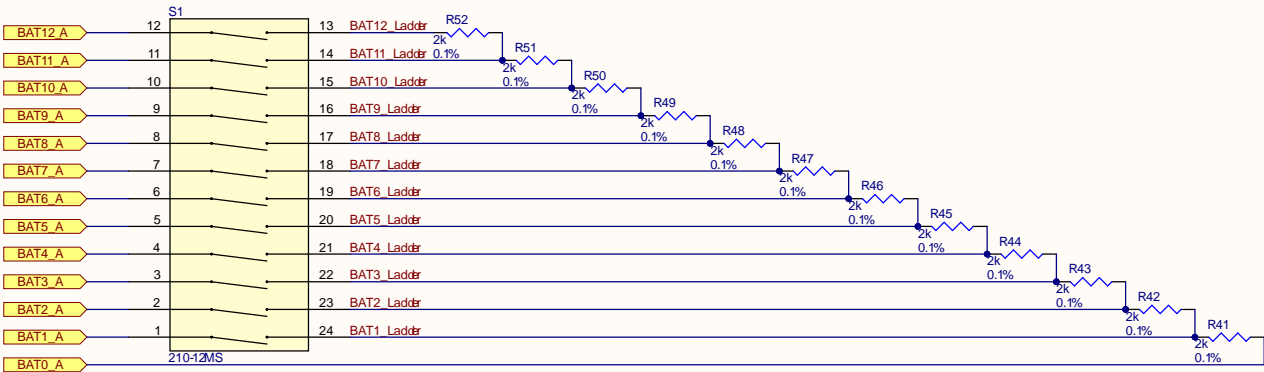


Lower UART Port



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ArtificalLoadSwitch



Title		
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