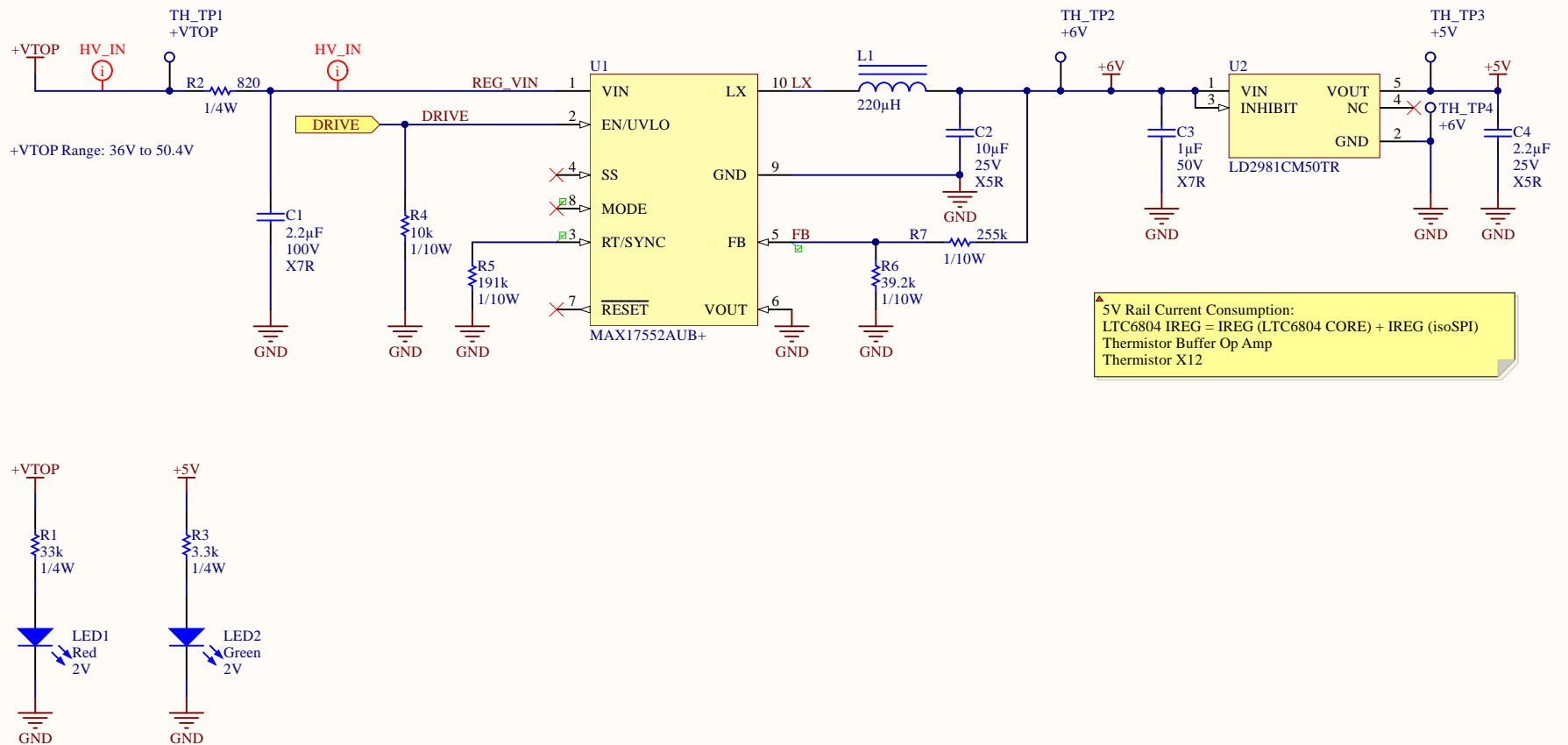

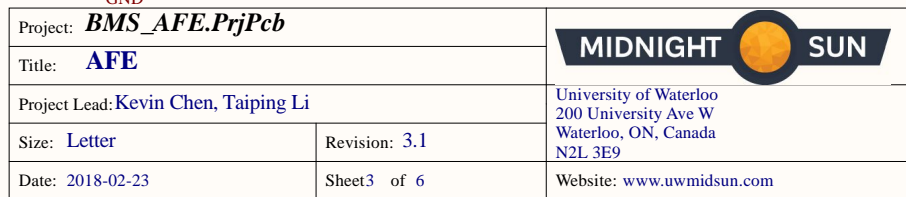


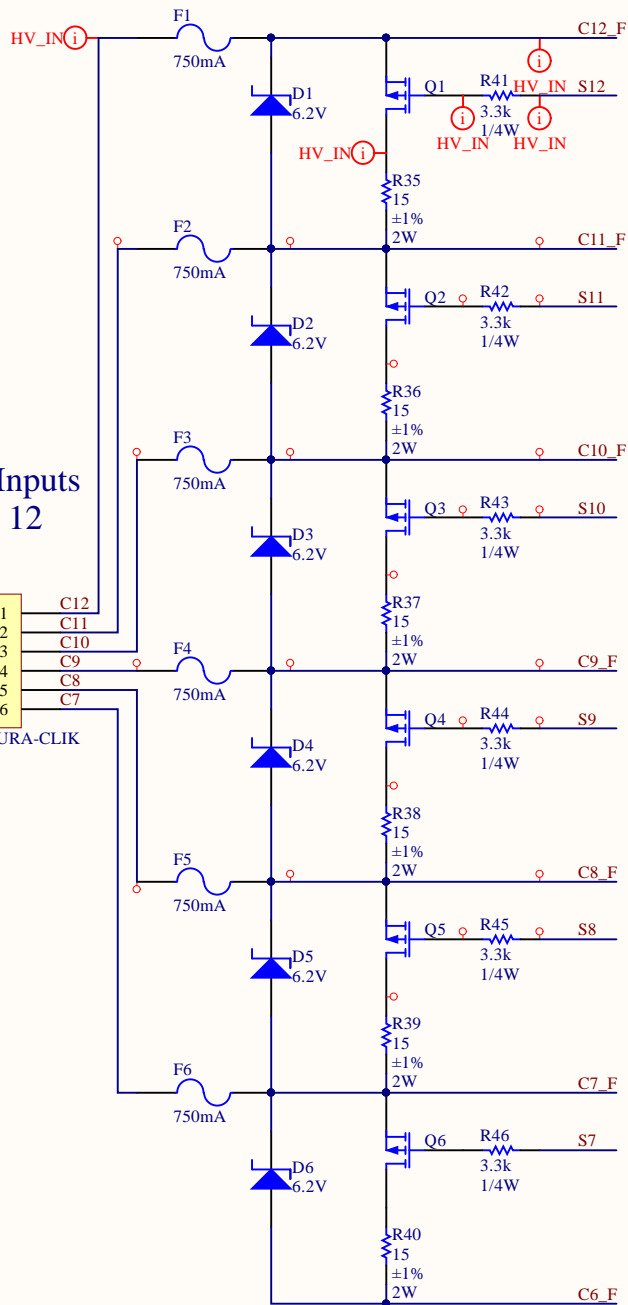
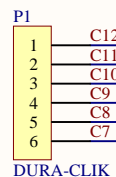
| | | |
|-------------------------------------|---------------|--|
| Project: BMS_AFE.PrjPcb | | <div><div>MIDNIGHT</div><div>SUN</div></div> |
| Title: Block Diagram | | |
| Project Lead:Kevin Chen, Taiping Li | | University of Waterloo 200 University Ave W Waterloo, ON, Canada N2L 3E9 Website: www.uwmidsun.com |
| Size: Letter | Revision: 3.1 | |
| Date: 2018-02-23 | Sheet1 of 6 | |



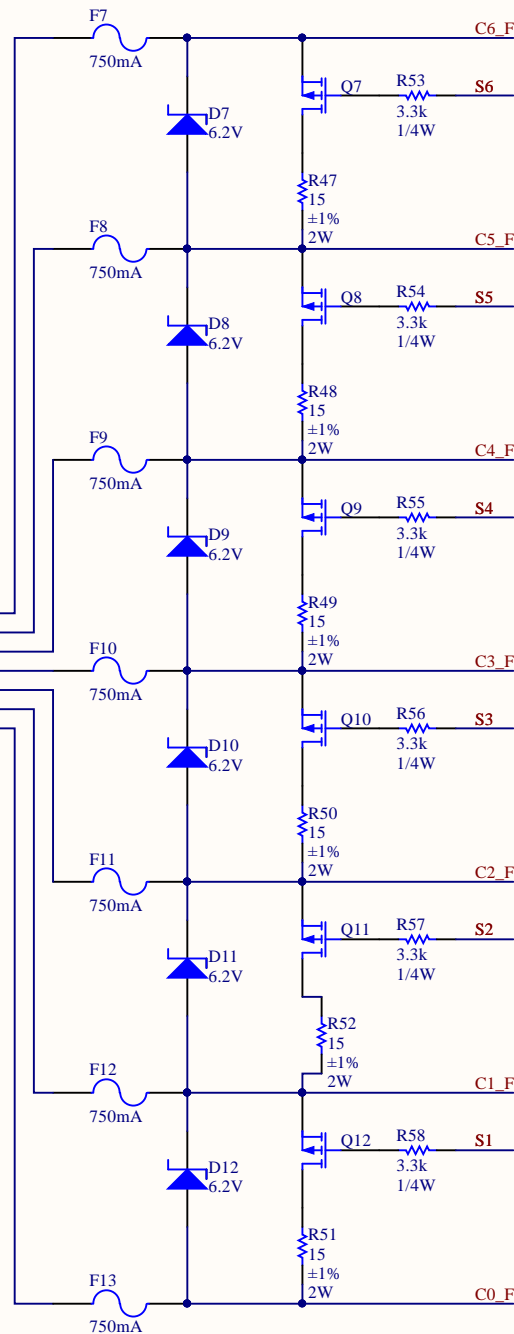
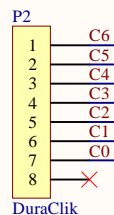
| | | |
|--------------------------------------|---------------|---|
| Project: BMS_AFE.PrjPcb | |  |
| Title: Power Supplies | | |
| Project Lead: Kevin Chen, Taiping Li | | University of Waterloo 200 University Ave W Waterloo, ON, Canada N2L 3E9 |
| Size: Letter | Revision: 3.1 | |
| Date: 2018-02-23 | Sheet2 of 6 | |
| | | Website: www.uwmidsun.com |



Cell Inputs
7 - 12



Cell Inputs
0 - 6



Cell+Bal_Interface

C12_F
S12
C11_F
S11
C10_F
S10
C9_F
S9
C8_F
S8
C7_F
S7
C6_F
S6
C5_F
S5
C4_F
S4
C3_F
S3
C2_F
S2
C1_F
S1
C0_F

Cell+Bal_Interface

Project: **BMS_AFE.PrjPcb**

Title: **Cell+Balancing Interface**

Project Lead: Kevin Chen, Taiping Li

Size: Letter

Date: 2018-02-23

Revision: 3.1

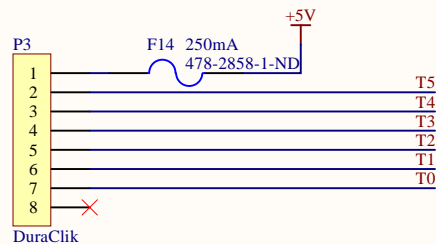
Sheet4 of 6



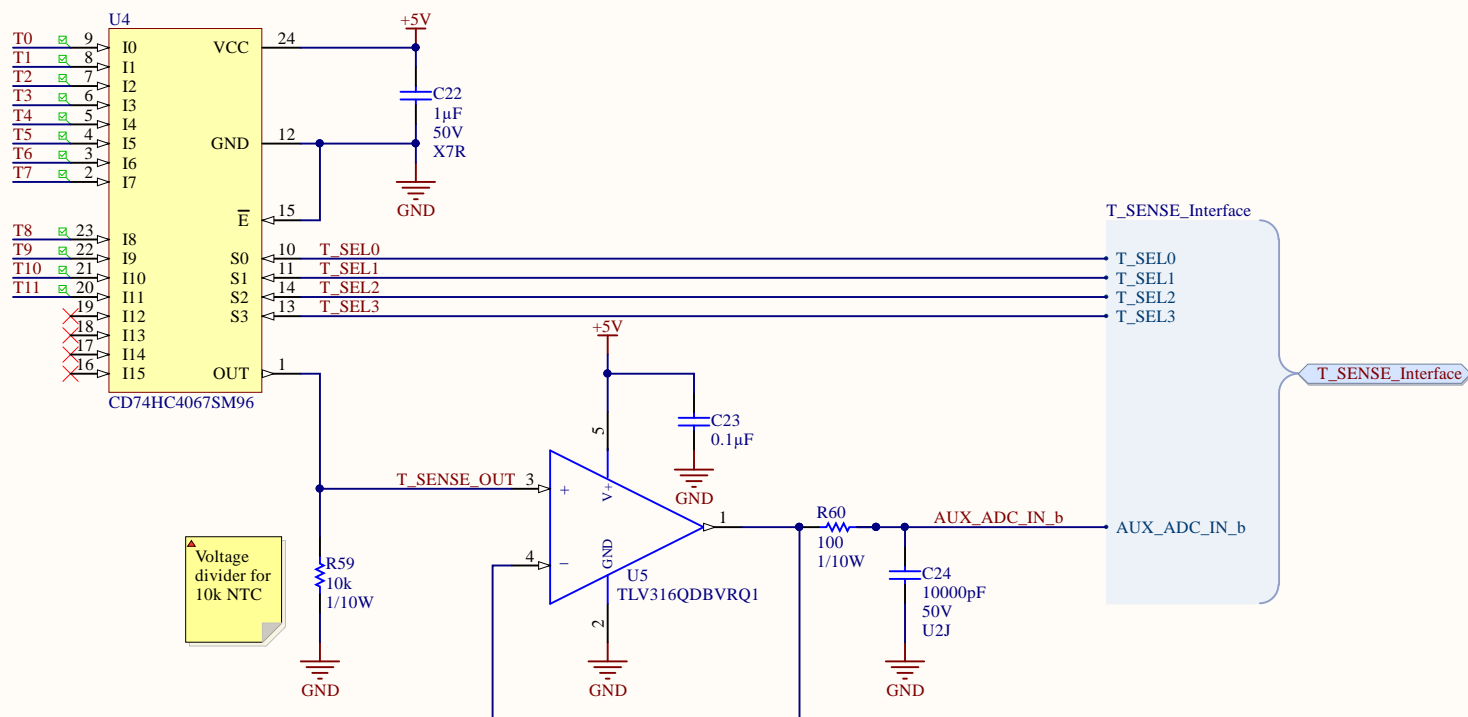
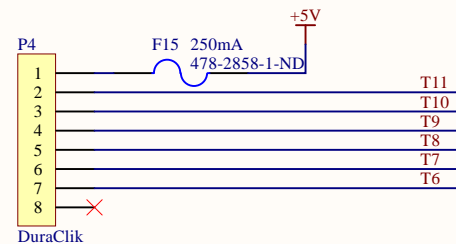
University of Waterloo
200 University Ave W
Waterloo, ON, Canada
N2L 3E9

Website: www.uwmidsun.com

Thermistor Inputs 0 - 5



Thermistor Inputs 6 - 11



Project: **BMS_AFE.PrjPcb**

Title: **Thermistor Interface**

Project Lead: Kevin Chen, Taiping Li

Size: Letter

Date: 2018-02-23

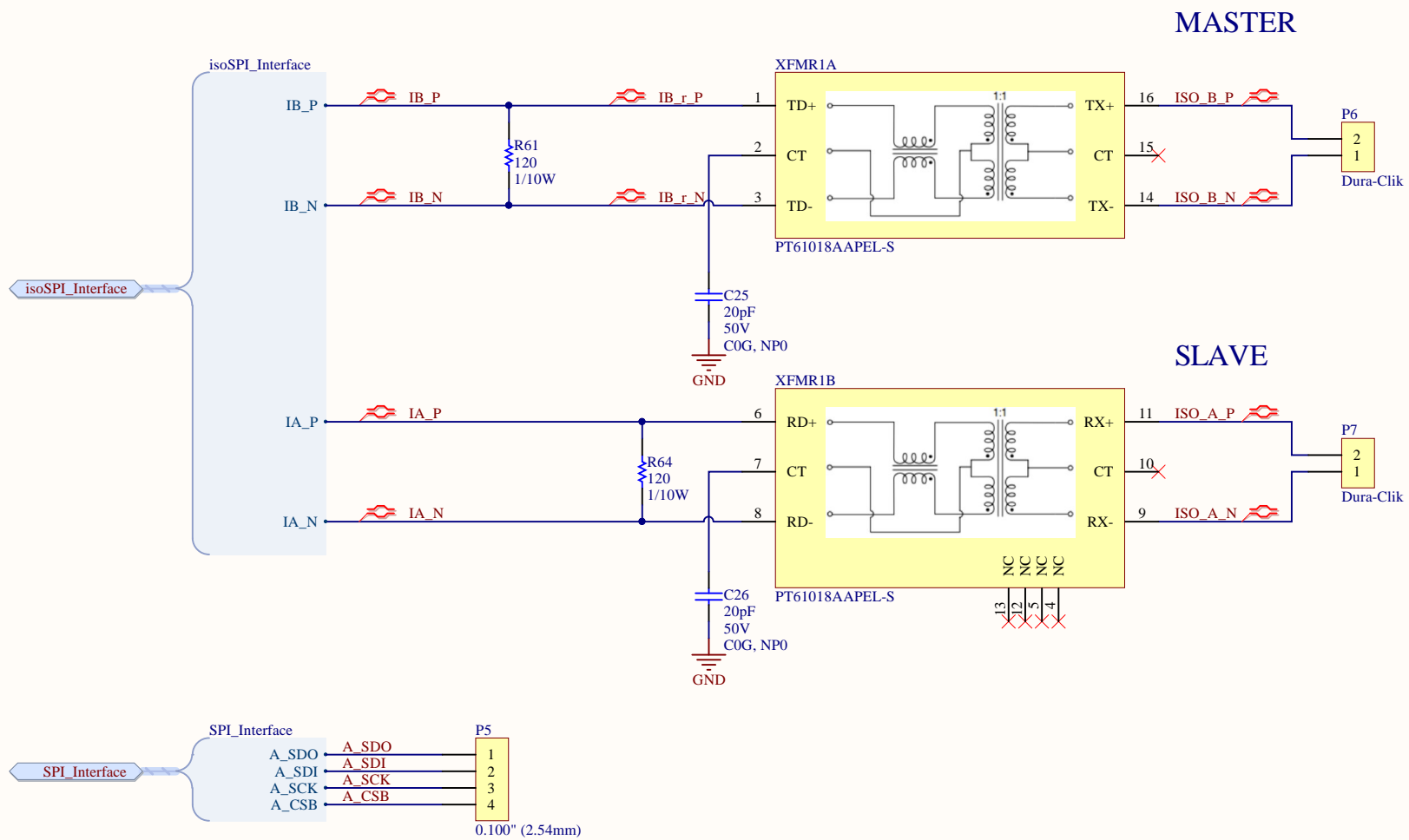
Revision: 3.1


Sheet5 of 6



University of Waterloo
200 University Ave W
Waterloo, ON, Canada
N2L 3E9

Website: www.uwmidsun.com



| | | |
|--------------------------------------|---------------|---|
| Project: BMS_AFE.PrjPcb | |  |
| Title: isoSPI Interface | | |
| Project Lead: Kevin Chen, Taiping Li | | University of Waterloo 200 University Ave W Waterloo, ON, Canada N2L 3E9 |
| Size: Letter | Revision: 3.1 | |
| Date: 2018-02-23 | Sheet6 of 6 | |
| | | Website: www.uwmidsun.com |

