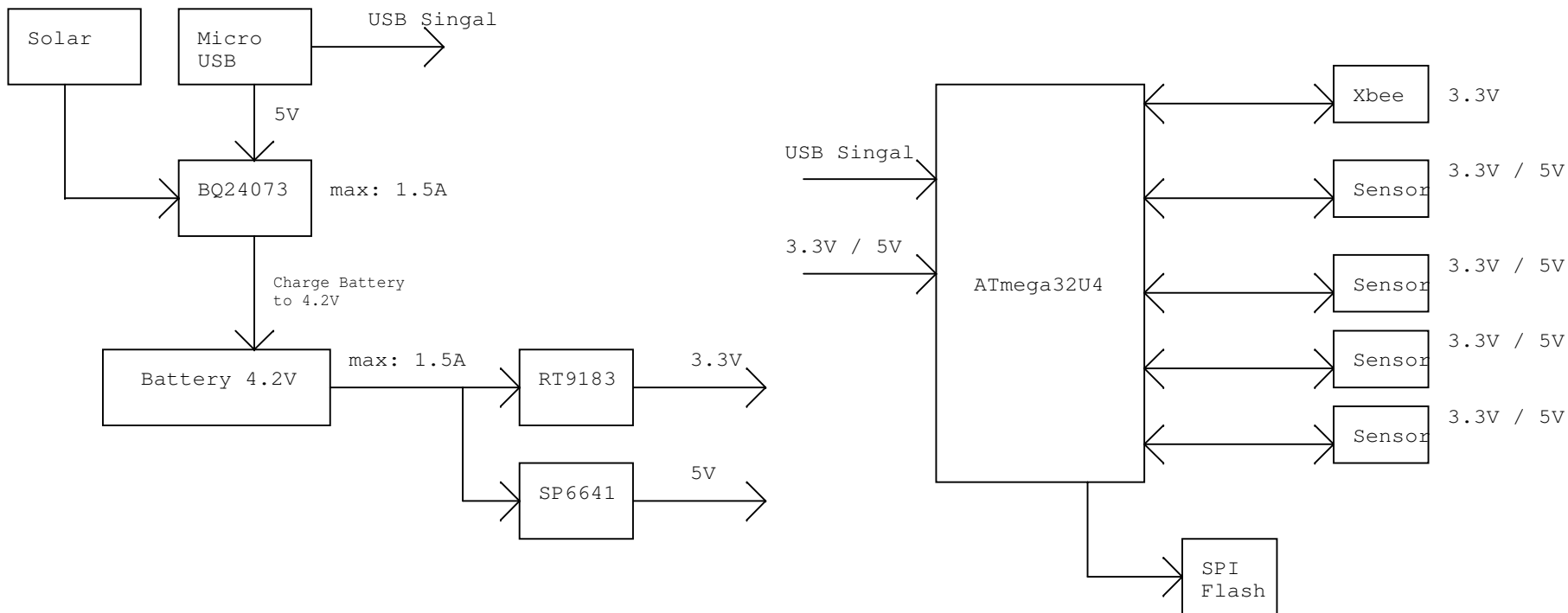


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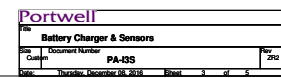
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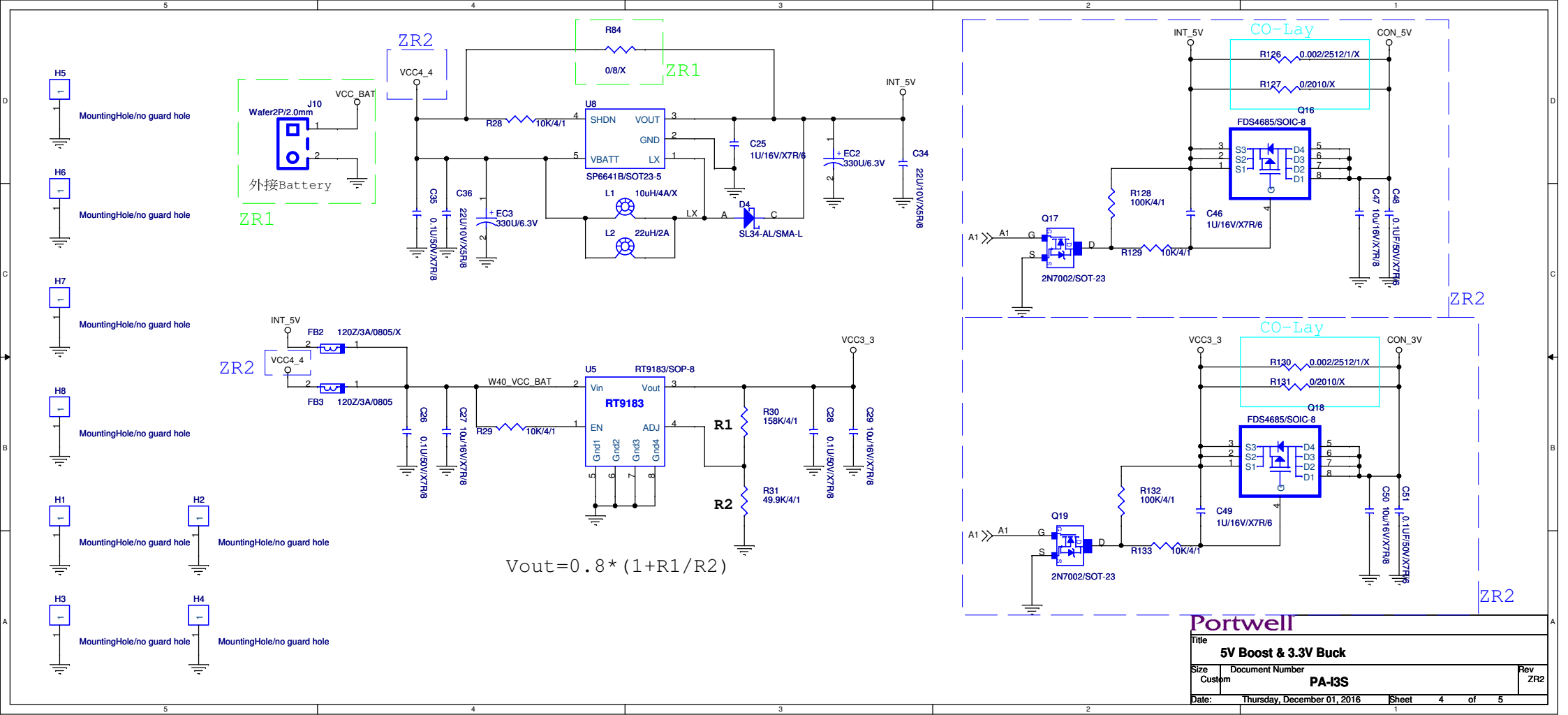
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$$V_{out}=0.8*(1+R1/R2)$$

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2. Add R51,R52 for use crystal , page3
3. Add R38 for relay control , page3

BOM: Z002

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4. Add Q8 for 5V relay control , page3
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8. Add JP3 for relay power choise , page3
9. Add R78 for Choice Battery mode
10. Change SW2 from JP3 to SW , page3
11. Add JP4 for MCU power selection , page3
12. Add Q9,Q10,Q11,Q12 for 3.3V relay power control , page3
13. Add R79 for only USB power , page3
14. Add R88 and C38 for RC delay , page3
15. Add FS1,FS2,FS3,FS4 for protection external power
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ZR2

1. Delet MCU Sleep Mode circuit (Q13,Q14 ,R85, R87, R89, R90) , page3
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4. Swap J4, J6, J7, J8 Pin define for Sensor Pin define , page3
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7. Change R48, R49, C30 for RC delay , page3
8. Change R20, R22, C13 for RC delay , page3
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11. Add R134, R135 For Detection Battery Voltage , page3
12. Add C45 to Filter , page3
13. Add R122, R123, R124, R125 to Pull up , page3
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