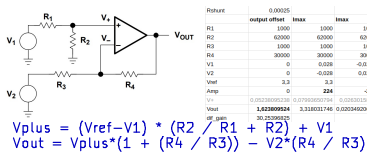
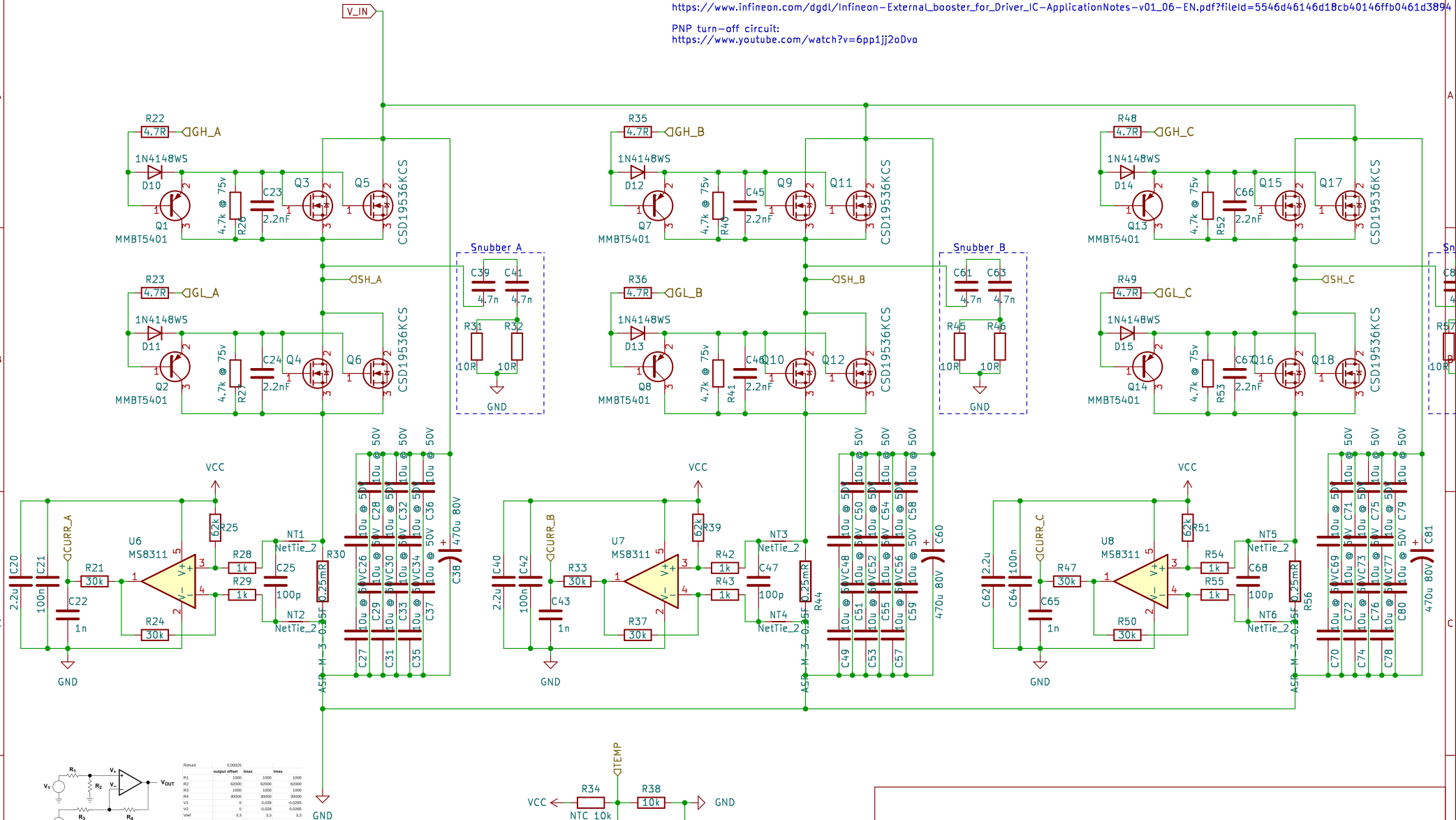


[https://datasheet.lcsc.com/lcsc/1912231403\\_XDS-TX4130L\\_C448635.pdf](https://datasheet.lcsc.com/lcsc/1912231403_XDS-TX4130L_C448635.pdf)  
<https://www.pwchip.com/en/product/PW2902-174.html>

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External booster drive:  
[https://www.infineon.com/dgdl/Infineon-External\\_booster\\_for\\_Driver\\_IC-ApplicationNotes-v01\\_06-EN.pdf?fileId=5546d46146d18cb40146ffb0461d3894](https://www.infineon.com/dgdl/Infineon-External_booster_for_Driver_IC-ApplicationNotes-v01_06-EN.pdf?fileId=5546d46146d18cb40146ffb0461d3894)

PNP turn-off circuit:  
<https://www.youtube.com/watch?v=6pp1jj2oDvo>



Calculate cut-off freq of low pass filter, pg 3:  
[https://www.st.com/resource/en/application\\_note/an4304-how-to-filter-the-input-of-a-highside-current-sensing-stmicroelectronics.pdf](https://www.st.com/resource/en/application_note/an4304-how-to-filter-the-input-of-a-highside-current-sensing-stmicroelectronics.pdf)

Current sensing:  
[https://www.ti.com/lit/eb/slyy154a/slyy154a.pdf?ts=1678787132262&ref\\_url=https%253A%252F%252Fwww.startpage.com%252Fpg%204%2Cpg%2015](https://www.ti.com/lit/eb/slyy154a/slyy154a.pdf?ts=1678787132262&ref_url=https%253A%252F%252Fwww.startpage.com%252Fpg%204%2Cpg%2015)

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