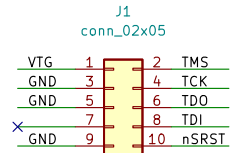
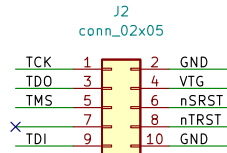


## ATMEL-ICE CONNECTORS

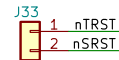
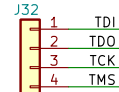
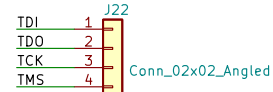
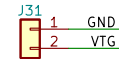
Distance PIN 1 AVR connector to PIN 1 SAM connector = 13.4 pins = 17mm



ATMEL-ICE SAM SOCKET



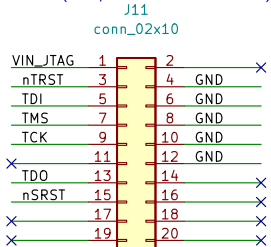
ATMEL-ICE AVR SOCKET



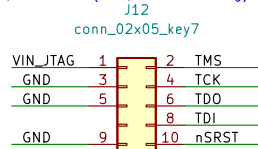
- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- MB1 Mouse bites
- MB2 Mouse bites
- MB3 Mouse bites
- MB4 Mouse bites

## TARGET CONNECTORS

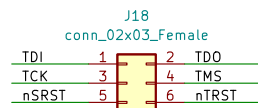
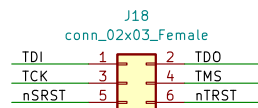
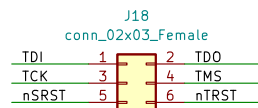
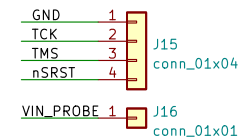
ARM JTAG (20-pin acc. to MULTI-ICE)



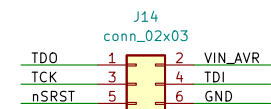
JTAG/SWD SAM (ARM/Cortex-M dbg)



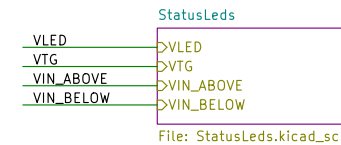
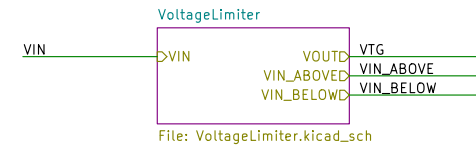
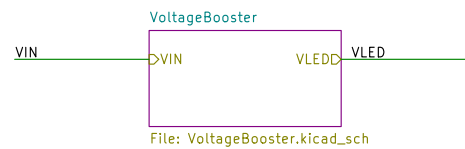
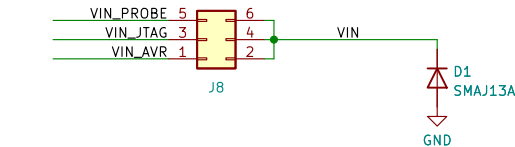
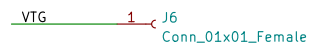
ARDUINO 4-PIN DEBUG CONNECTOR  
with added VCC



6-PIN VARIOUS:  
AVR aWire  
AVR SPI + debugWire  
AVR (U)PDI  
AVR TPI



### VOLTAGE TEST POINTS



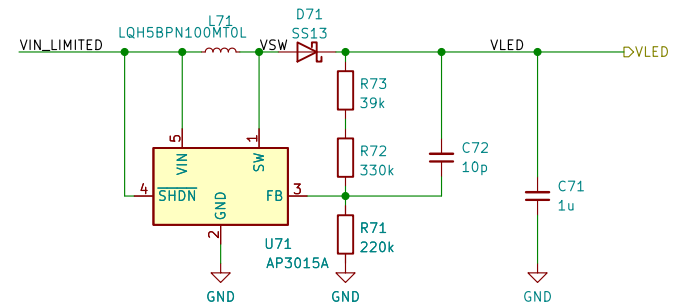
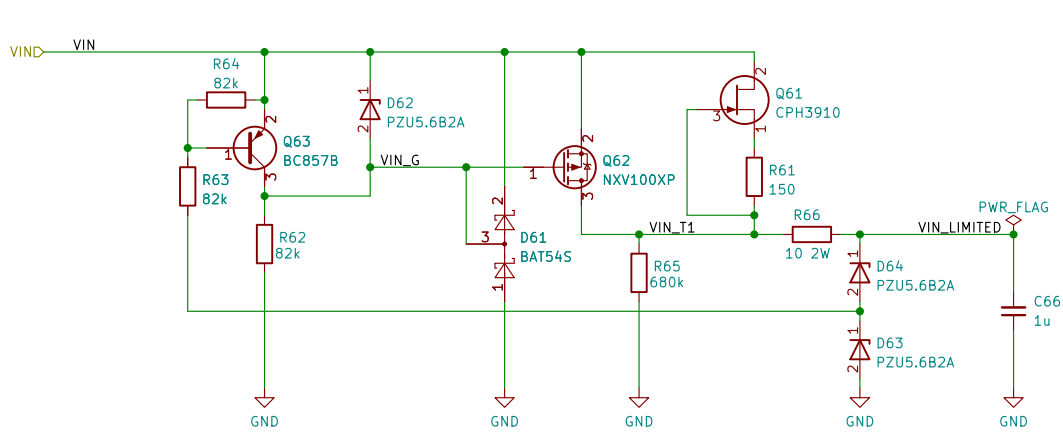
Adapter for using ATMEL-ICE with various targets  
With monitoring of VCCIO to avoid damaging targets due to bad wiring  
(e.g. SPI connector on Arduino Due)

Sheet: /  
File: ATMEL-ICE-Octopus.kicad\_sch

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KiCad E.D.A. kicad (6.0.10-0)

Rev: B5  
Id: 1/4



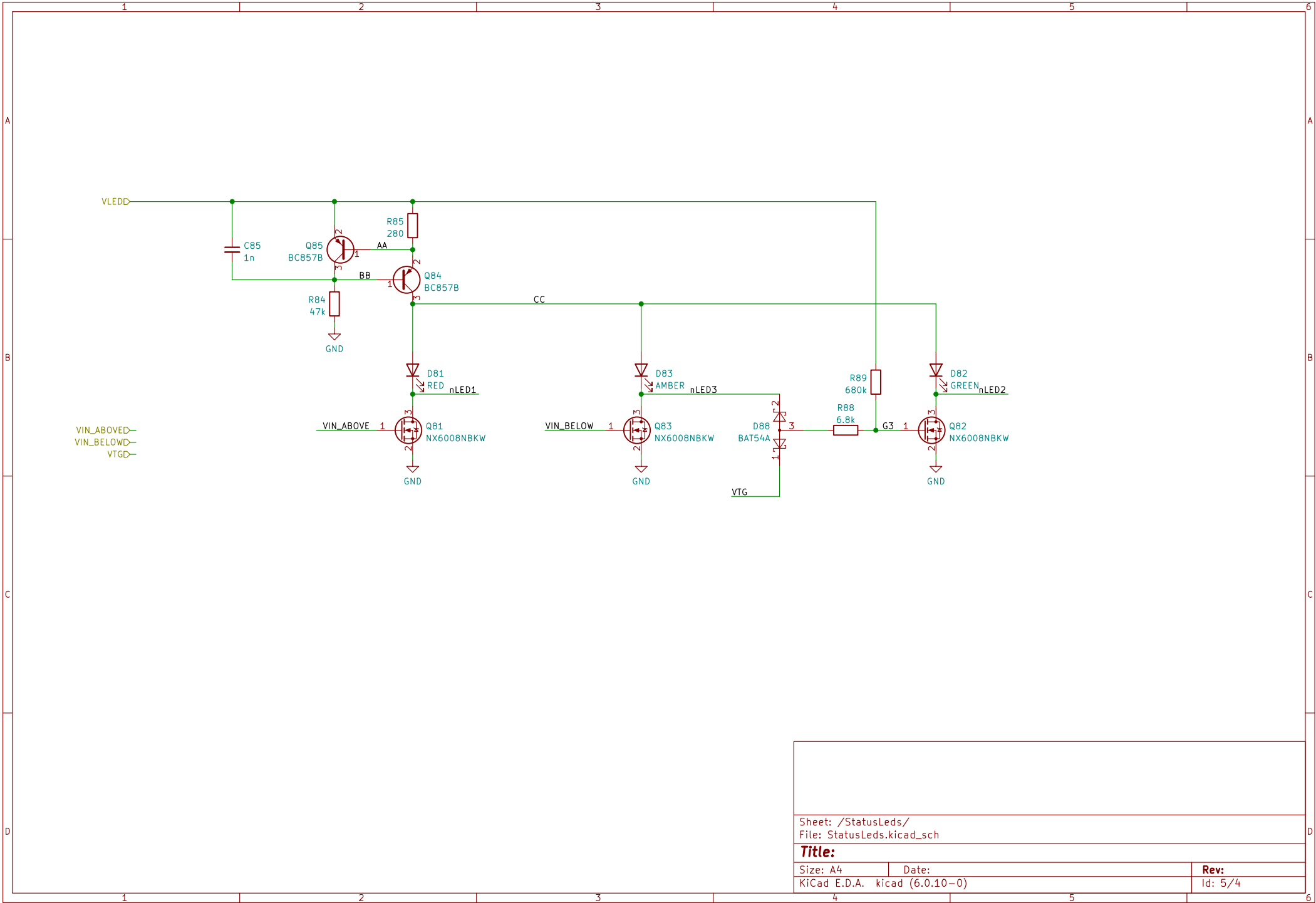
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Date:

Rev:  
Id: 4/4

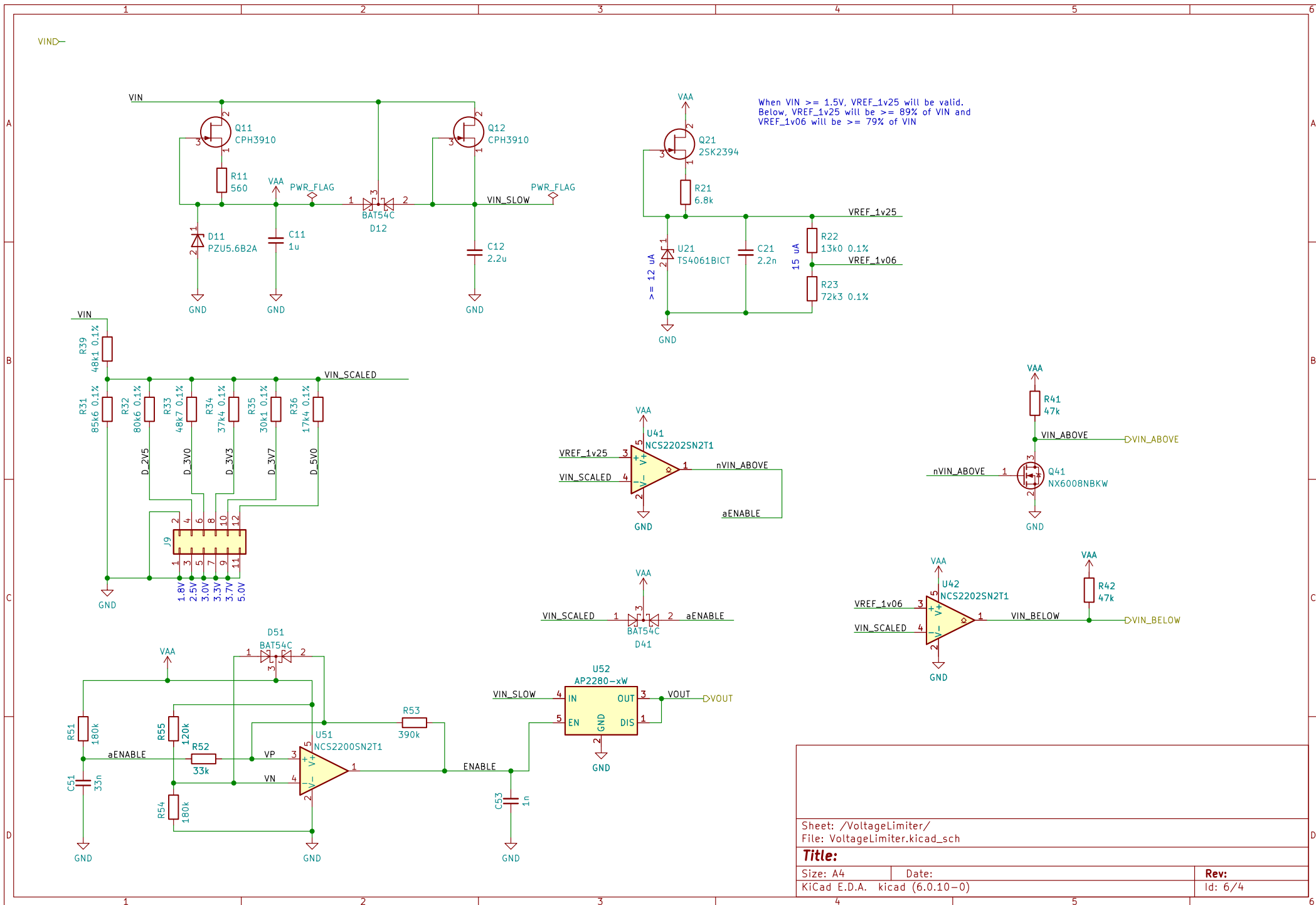


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Date:  
Rev: Id: 5/4



Sheet: /VoltageLimiter/  
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Date:

Rev:

Id: 6/4