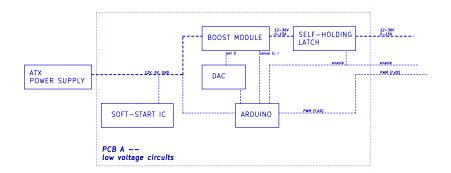
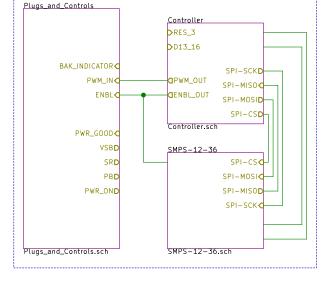
## Test-PCB for Arduino-DAC

## BLOCK DIAGRAM





HV stage on separate PCB to avoid EMI from transformer

HV stage connectors:
- Power input 5-40V
- Enable

- PWM signal

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Title: Plasma-PSU\_Eurocard\_Flyback

Date: 2020-04-08 Size: A4 Rev: 0.0.4 KiCad E.D.A. kicad (5.1.2)-1 ld: 1/4

Boost regulator has internal Vref=1.2V. Therefore set DAC VoutB=1.2V. DAC VoutA maps directly N=0...4095 to Uset=0...36V. DAC CS via Arduino pin 8.

