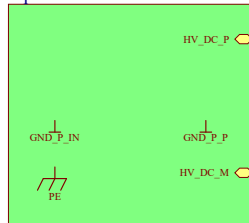
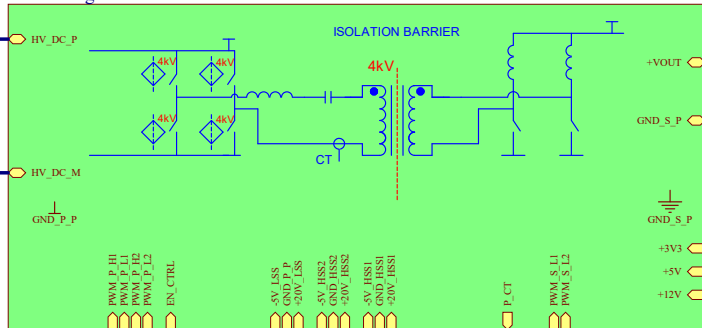


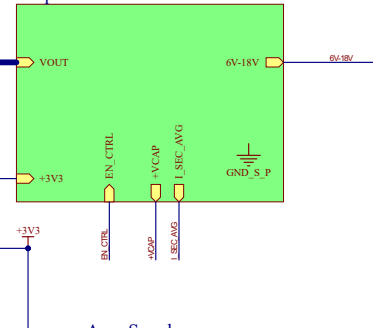
## Input Filter



## Power Stage



## Output filter and Sense



## HARDWARE PERFORMANCE

Nominal operating input voltage:

510VDC<Vin<850VDC

Max input voltage: 900VDC

Output Voltage: 8VDC to 16VDC

Output Power: 1725W continuous,

13.8V@125A

2700Wmax , 15V@180A for t=10sec

Eta\_peak=96.34%

Eta\_fullload=94.6%

HV Gate Drive Voltage +20V, -5V

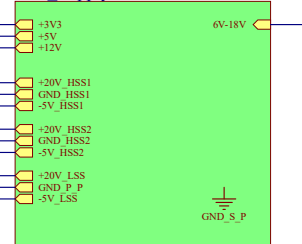
LV Gate Drive Voltage +12V, 0V

MCU voltage 3.3V

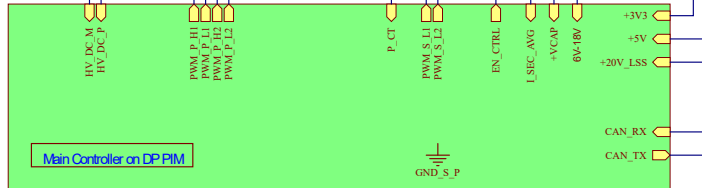
Semiconductors: 1200V

Hardware hight: 1U

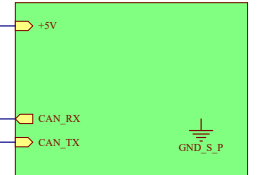
## Aux Supply



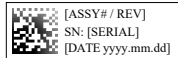
## Control



## Communication



LABEL1



PCBA LABEL 18X6mm

02-00956-R1.0\_Control.SchDoc

