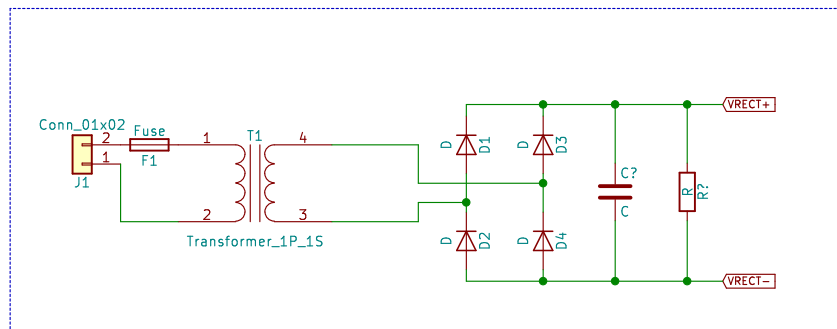
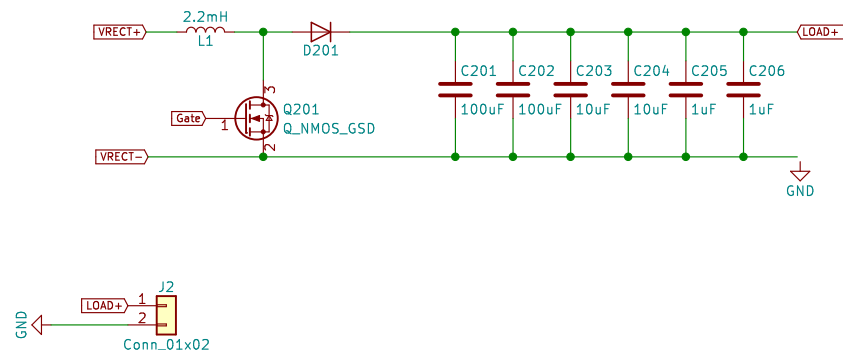


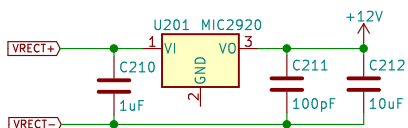
120VAC -> 25VDC Rectifier



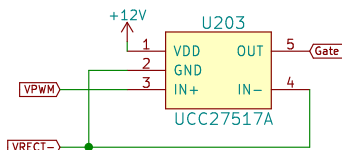
Why 6 Capacitors?
 -> 220uF is the design total capacitance for this design.
 Capacitor ESR is a function of frequency, with smaller values and smaller packages having lower ESR at higher frequency.
 By having a ground plane 'cage' with bypass capacitors spread over a larger range, generally by decade, you can provide a low ESR path for low frequency transient response and high frequency switching and coupled noise.



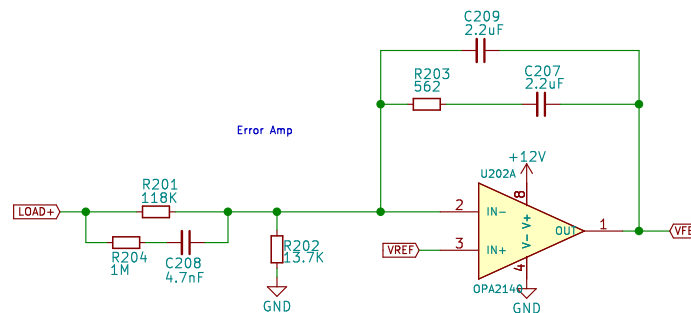
Amplifier Bias Supply



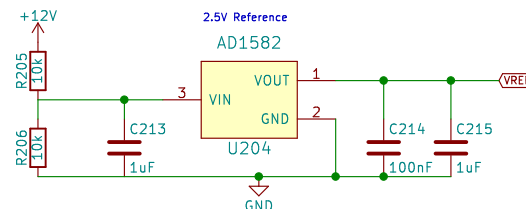
Gate Driver



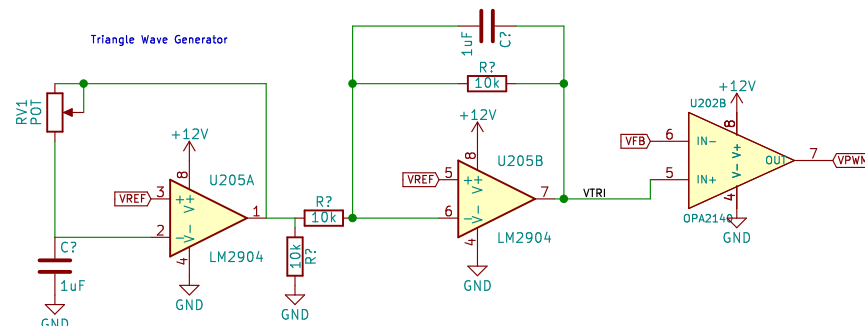
Error Amp



2.5V Reference



Triangle Wave Generator



Sheet: /
 File: TempBoost.sch

Title:

Size: A4
 KiCad E.D.A. kicad 4.0.7

Date:

Rev:
 Id: 1/1