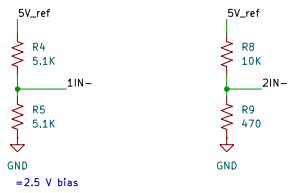


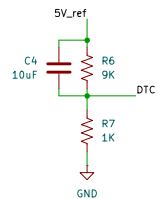


Error Amplifier Biases

Min 2.5 V output



Output Soft Start
Biases DTC from 5 V and softly down to 0.5 V in
(10⁻⁵ * 220) s



DC-DC converter Variable Input up to 40 V
2.5 V - V_{gen} Adjustable Voltage Limit
0.04 - 2 A Adjustable Current Limit

PWM Controller: TL494
Circuit closely follows datasheet, can be improved with high-side MOSFET
and increase in switching frequency.

