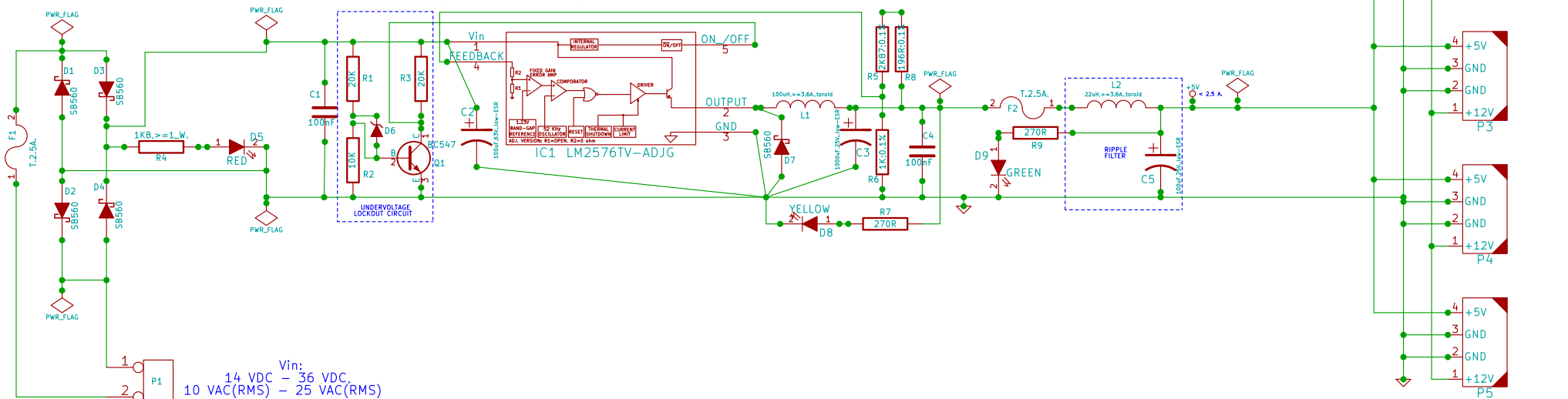


IC1, min. efficiency: 0,77. Heatsink must remove:  
 Normal operation:  $(5 \times 2,5) \times (1 - 0,77) = 2,875$  Watt  
 Short circuit:  $(0,4 \times 35,6 \times 2,5) = 35,6$  Watt; where:  
 "0,4" is extra reduced duty cycle,  
 "2,5" is 2,5 ampere, and "35,6" is maximum input  
 voltage after Graetz bridge.



Drill holes



Designed by: Lars Tørnes Hansen		
RMSG – Raket Madsens Support Gruppe		
File: rmsg_rpi_psu_5v3a_module.sch		
Sheet: /		
Title: RMSG +5 volt, Power supply		
Size: A4	Date: 20 feb 2015	Rev:
KiCad E.D.A.		Id: 1/1