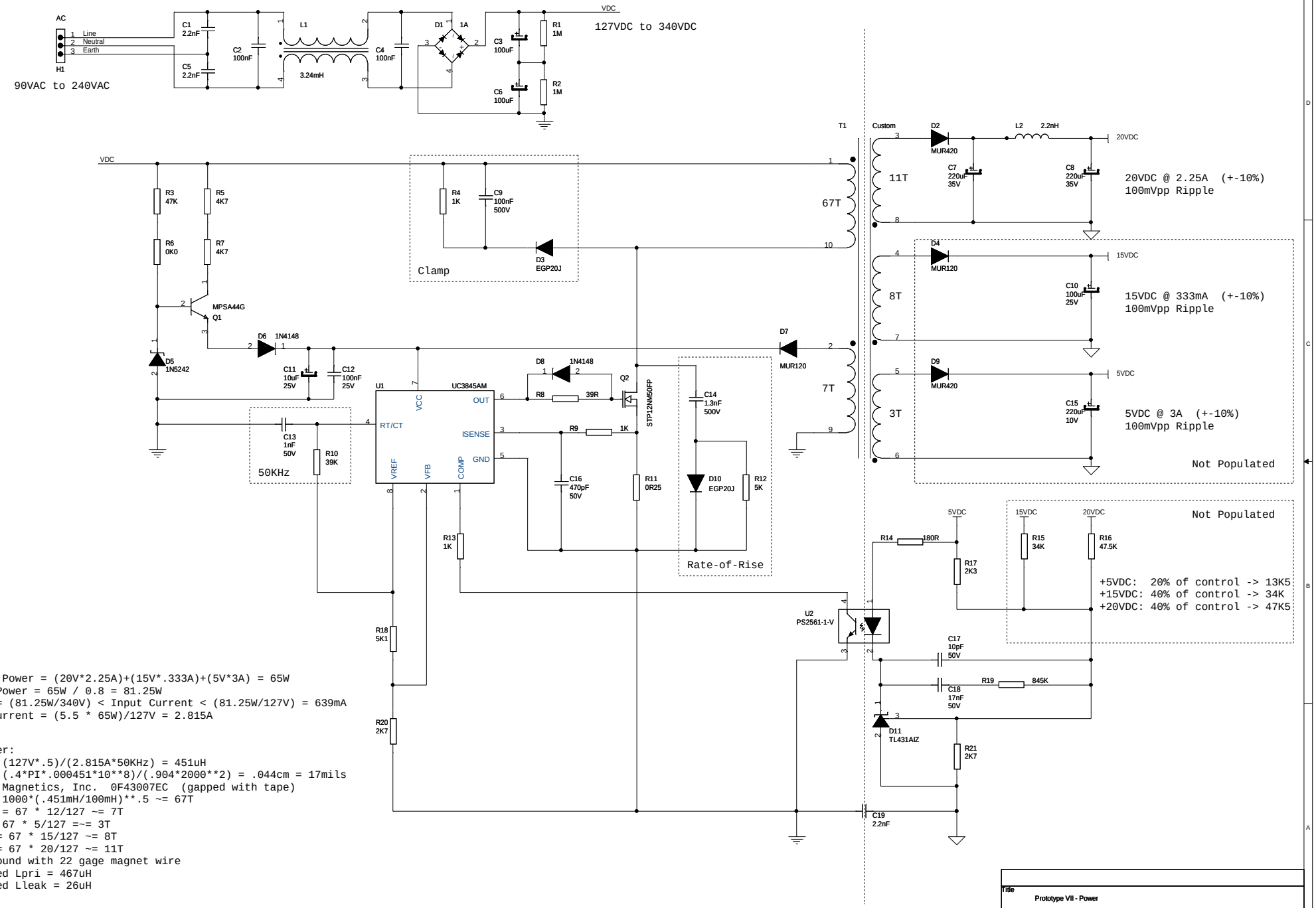

Specs:
1) Output Power = (20V*2.25A)+(15V*.333A)+(5V*3A) = 65W
2) Input Power = 65W / 0.8 = 81.25W
3) 239mA = (81.25W/340V) < Input Current < (81.25W/127V) = 639mA
4) Peak Current = (5.5 * 65W)/127V = 2.815A

Transformer:
1) Lpri = (127V*.5)/(2.815A*50KHz) = 451uH
2) Lgap = (.4*PI*.000451*10**8)/(.904*2000**2) = .044cm = 17mils
3) Core: Magnetics, Inc. 0F43007EC (gapped with tape)
4) Npri = 1000*(.451mH/100mH)**.5 ~= 67T
   Nbias = 67 * 12/127 ~= 7T
   N5V = 67 * 5/127 =~= 3T
   N15V = 67 * 15/127 ~= 8T
   N20V = 67 * 20/127 ~= 11T
5) Hand wound with 22 gage magnet wire
6) Measured Lpri = 467uH
7) Measured Lleak = 26uH

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