

**Flyback
Transformer**

Vmax: _____ Maximum DC input voltage
Vmin: _____ Minimum DC input voltage
Vstress: _____ Minimum stress voltage for semiconductor switch
Vswitch: _____ Voltage drop across the switch
Vspike: _____ Maximum allowance for voltage spikes on switch
Mode: _____ Discontinuous
_____ Continuous

**Switching
Inductor**

Vmax: _____ Maximum DC input voltage
Vmin: _____ Minimum DC input voltage
Vdc out: _____ Required DC output voltage
I out: _____ Desired output current
Lspec: _____ Specified minimum inductance
Ipk spec: _____ Specified peak current (Ipk or Lspec required)
Vsw: _____ Voltage drop across the switch
Vrect: _____ Voltage drop across the rectifier

Insert schematic above if desired

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