

Re: a lot of switching mode power supply design questions

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- *From:* MooseFET <kensmith@xxxxxxxxxx>
  - *Date:* Sat, 31 May 2008 18:39:05 -0700 (PDT)
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On May 31, 3:22 pm, legg <l...@xxxxxxxxxxxxxxxxxx> wrote:

On Sat, 31 May 2008 09:39:43 -0700 (PDT), MooseFET

<kensm...@xxxxxxxxxx> wrote:

On May 29, 7:06 pm, bigca...@xxxxxxxxxx wrote:

I modified it and deleted the C-L on the right side.

Did you understand what those two parts did?

They allowed you to have zero ripple current in the LED.

You might want to recheck this circuit, boss. Your capacitors are in Farads, and your inductors are in Henries. You won't see much happening in the simulator's 100mSec time frame.

I just checked:

$C1 = C2 = 100\mu\text{F}$

$L1 = 12.2\mu\text{H}$

$L2 = 10\mu\text{H}$

$K1 = 0.9$

RL

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