

sci.electronics.design: Re: simple switcher constant current supply with high side sense resistor

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In article <uZRS\$5B2meACFAm8@tega.co.uk>,

Tim Mitchell <timng@sabretechnology.co.uk> wrote:

> *I'm trying to design a simple switcher constant current circuit*
> *(using the LM2574-ADJ). It's easy enough if you put the sense*
> *resistor between the load and ground. However the snag is that*
> *the current sense resistor has to be on the high side of the*
> *load (there are 3 current supplies driving 3 devices with a*
> *commoned ground).*

Sideways thought.....

If a flyback converter is arranged to dump a fixed
Joules/cycle, then making the Frequency proportional
to V_{out} should result in a constant I_{out} .

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Tony Williams.