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Subject: PS options

Posted by [PakProtector](#) on Sat, 19 Aug 2006 02:24:46 GMT

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Hey\_Hey!!!,Another option would be to go CLCLC and drop the inductance of the 'L' stages. Say to 2 Hy each, experiment with capacitance values and see where the final ripple comes equal or perhaps just less than a single stage goes. Keep in mind that it is not likely that the 'shape' of the resulting ripple voltage is also going to be different with a multi-stage filter compared to a single.It is my opinion that keeping the DCR low is a good idea. It isn't possible to do it 'all else kept the same' so it shouldn't follow that PS performance is tied to a the value of a single parameter. Either way, examine the performance of the filter as component values change around a reasonable centre, or preliminary value. cheers,Douglas

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