
Subject: Can someone spot me a bleeder resistor for the PS cap

Posted by [colinhester](#) on Sat, 19 Feb 2005 16:36:55 GMT

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Please. I have everything except for this.....Colin

Subject: Re: Can someone spot me a bleeder resistor for the PS cap

Posted by [PakProtector](#) on Sat, 19 Feb 2005 16:53:53 GMT

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This depends on the use. If we wanted a bleeder to insure at least critical current was drawn, we might want a different value than if we just wanted a resistor to bleed the PS capacitors down. Back to the question: bleeder R. We need this R only to provide a discharge path. V^2/R to determine power requirements. Let's say 200V. Anything over 40kOhm will need less than a watt. Two 1/2 watt 100k in parallel, is reasonable(and available from Radio Shack @ \$1 for 5). regards, Douglas

Subject: Two RS resistors it is

Posted by [colinhester](#) on Sat, 19 Feb 2005 17:48:28 GMT

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Excellent

Subject: Re: Two RS resistors it is

Posted by [Damir](#) on Sat, 19 Feb 2005 19:15:34 GMT

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I'd use 47k/3W metal-oxide resistor (or, say 2x100k/2W in parallel). Non-flammable, with 200V it'll dissipate $P=U^2/R=0,85W$. But, in extreme case - unloaded PS (5687 "dead" or removed) B+ can go up close to the theoretical $1,4142 \cdot U_{rms} = 350V$ (little less, actually), and then we'll need 3W resistor...
