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Subject: Cheap source for R3?

Posted by [colinhester](#) on Sun, 06 Feb 2005 04:12:26 GMT

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I've looked around for a good, cheap source for the rheostat, R3. The closest thing I could come up with is part number (RWV) 200-66HS500 Rheostat, 500 Ohm, 1W, multi-turn, wire wound, inductive element at [www.surplussales.com](http://www.surplussales.com) for \$5 (see link). This part is just to dial in the voltage, correct? Will this be replaced with a unique resistor once the value is determined?.....Colin

<http://www.surplussales.com/Potentiometers/Pots-15.html>

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Subject: Re: Cheap source for R3?

Posted by [PakProtector](#) on Sun, 06 Feb 2005 11:17:50 GMT

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Hey-Hey!!!,One of the 10 or 15 turn cermet trim pots from Mouser is what I suggest. They do not need to be very robust, and are perhaps \$2 each.Mike Percey sells a high performance bulk-foil version. I have not tried this yet, but would buy a few when next ordering from him.For this sort of small signal work, I prefer to stay away from parts with that much stray inductance( wire-wound=inductive coil ). Stray capacitance is also higher with such designs( I suspect, no absolute confirmation, but it does generally follow ).Stray stuff is begging to contribute to an oscillator circuit. We are trying to avoid creating an oscillator, remember?regards,Douglas

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Subject: Vishay model 70Y

Posted by [PakProtector](#) on Sun, 06 Feb 2005 11:26:30 GMT

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It's on the first page of Mouser's trimmer section. on page 417.500R 1W.PN 594-70Y501It's a bit on the 'spensive side, and a 0.5 Watt will do, even a 0.25 will be fine. right below it are the 20 turn model 434P at ~1/3 the price.regards,Douglas

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