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 souce 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 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

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

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