

OOOOOPS

I want to thank you for the excellent job of editing you did on my recent articles in **Radio-Electronics**. The end results were simply beautiful!

I did notice one error in each article, though, and those should really be pointed out to the readers. In the article, "Music Synthesizer IC's," (May 1983), on page 67, Fig. 3, the control-voltage reject trim (R7) was altered from my original artwork. While it is shown in the article as a rheostat, it should actually be set up as a potentiometer, with one side going to +15 volts and the other side to -15 volts. So, break the rheostat connection (on the left-hand side) from the wiper, and send it to -15 volts.

A more serious error occurs in the article, "How to Use Transconductance Operational Amplifiers" (July 1983), on page 57, Fig. 5. On my original artwork, R5 is shown as being 15K, and that suitably restricts the current into the 3080. However, it is shown in the magazine as being 1.2K. That value is far too low, and will lead to excessive current flow that will destroy the chip! As stated in the text, that current should be restricted to a value between 0.5 μ A and 0.5 mA. With the 1.2K resistor, the current will exceed 10mA! Thermal runaway is almost guaranteed. The solution is simple: Change the value of resistor R5 to 15K.

I hope those corrections will save your readers some blown chips and blown tempers. Once again, let me say that I was very pleased with the fine way in which you presented my articles. I feel very honored that **Radio-Electronics** picked them up.

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