

A Matter of Values

• After building the 10-Hz to 2.2-GHz Frequency Counter featured in the April issue, I thought I would advise you and any other readers who are considering building this project of some changes that will assure that it operates properly. The following changes, verified by kit supplier Optoelectronics, should be made in the Parts List: Y1—10 MHz; Y2—3.90625 MHz; R18,R19—1,000 ohms; R11—75,000 ohms; R12—100,000 ohms; and C31—Not Used. All resistors are $\frac{1}{8}$ -watt units. Once these adjustments have been made in building the project, a bit of calibration will yield top-notch performance from this counter.

As a new subscriber to *Modern Electronics*, I have one comment to make: Keep bringing us excellent construction articles like the one above.

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The author has informed us that the frequencies for the two crystals were accidentally transposed just prior to finalizing the Parts List. Resistor values were changed to add stability to the project and assure reliable operation, and C31 was eliminated as not needed in the final design of the instrument. These changes were discovered by the author after we went to press. Readers who purchase the kit from Optoelectronics will automatically receive the update and components of appropriate value.—Ed.