

Re: Electronic Organ

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- *From:* Don Lancaster <don@xxxxxxxxxx>
 - *Date:* Mon, 10 Jul 2006 15:25:46 -0700
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Rickydou wrote:

Thank you very much for helping me. You are right...I do not want to re-invent the wheel!

I also found an IC that is specialized for this application: MOSTEK MK50240 Top-Octave Frequency Generator. I just need to find a supplier for this...

Thanks!

Eric

Rich Grise wrote:

On Fri, 07 Jul 2006 10:43:15 +0000, anno4000 wrote:

Rich Grise <richgrise@xxxxxxxxxx> wrote in sci.electronics.design:

[...]

Strictly speaking, the "well-tempered" scale is one that's not an exact chromatic octave in any key, but "close enough" in every key to get away with it.

Err... the octaves in a well-tempered scale **are** exact, it's the other intervals that are approximations.

Re: Electronic Organ

OK, I misspoke. The _octave_ is a perfect octave, as you say, and it's the other notes – maybe I should have said, "chromatic scale" instead of "octave".

Thanks,
Rich

The MK50240 is outrageously and horrendously obsolete.

Check the Ensoniq chips instead.

But the magic numbers appear in my CMOS and TTL cookbooks.
There is only ONE eight bit sequence that gets all of the notes right.

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Many thanks,

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