



Re: 22.6us and ~10mips to create pink noise real time

Now I try Google and get:

<http://www.spectrum-soft.com/news/fall98/pink.shtm>

A couple filters, one with 8 parts, and a couple spectral analysis plots with the one from the 8-part circuit being pink noise +/- not much more than .2 dB from 10 Hz to 29 KHz if I did not do any misinterpretations.

<http://sound.westhost.com/project11.htm>

A more complete pink noise generator circuit, with the filtering achieved by 9 parts and looking good (within a dB) for 10 Hz to 20 KHz and looking like well within half a dB of a straight line throughout most of the audio spectrum.

<http://www.qkits.com/serv/qkits/velleman/pages/k4301.asp>

A kit, although I did not see a statement of how closely it approximates pink noise nor a circuit showing the number of parts in the filter. But it does appear to be a simple enough kit!

<http://www.hobbytron.com/vk4301.html>

Similar kit, possible the same one.

<http://home.iprimus.com.au/vk3jaj/pinkfilt/pinkfj04.html>

An "audio spectrum analyzer pink noise generator" circuit – where I see 9 parts that I see being filter components.

<http://home.iprimus.com.au/vk3jaj/pinkfilt/pinkfj07.html>

Another circuit with white and pink noise outputs, with the filter section appearing to me to have 9 parts.

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