

Re: Dual sine wave generator with variable frequency and 90 degree phase difference

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- *From:* Robert Baer <robertbaer@xxxxxxxxxxxxx>
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Fred Bartoli wrote:

Steve a écrit :

I'm looking for a waveform generator that outputs two sine waves of the same frequency with 90 degree phase difference (sine and cosine). I need a variable frequency between 0.05 Hz and 10 Hz. Is there an analog design that uses a single potentiometer or perhaps is voltage controlled ? Low distortion is not a requirement.

Steve

If you don't mind distortion, a Johnson ring counter plus an oscillator will do what you want.

Digital, NOT analog.

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