

Re: Chip like LTC1799

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-02/4561.html>

From: DaveC (*bobason456_at_hotmail.com*)

Date: 02/20/05

Date: 19 Feb 2005 21:03:08 -0600

John Popelish <jpopelish@rica.net> wrote in news:4217F489.906C4CA1@rica.net:

> *DaveC wrote:*

> *(snip)*

>>... *I'm clocking a*

>> *DAC & ADC so need mark/space within 40-60% and frequency between 20kHz*

&

>> *800kHz*

>

> *Does this mean that any frequency between 20 kHz and 800 kHz will do*

> *if the symmetry stays between 40-60%, or must that symmetry hold while*

> *the frequency is adjusted, continuously between these limits?*

>

Yes it must hold, The frequency is controlled by the user. It's for a guitar pedal. A foot controller is used to adjust the frequency at any time. If the 40-60% mark/space is lost then you get really awful pops as the ADC drops samples.

DaveC

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