

Re: looking for a timer circuit

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- *From:* Wayne <waynelewis@xxxxxxxxxx>
 - *Date:* Tue, 11 Mar 2008 07:37:17 -0700 (PDT)
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On Mar 11, 8:23 am, Randy Day <randy....@xxxxxxxxxx> wrote:

Wayne wrote:

I need a circuit that will read an input voltage once every second, and output that same voltage on the output side until the next reading. This will be used in a vehicle (12VDC) and the input voltage that is being 'sampled' will vary from 0 - 1.0VDC. Any help is appreciated.

Wayne

google on:
"sample and hold" schematic

That should bring up a fair number of results.

HTH

I have (and still am) looking through pages of google results. So far, nothing that looks usable to me :^). I'm trying to find a circuit that will stabilize an air/fuel ratio gauge display (a series of LEDs). The gauge takes its input from an O2 sensor in the exhaust header (single wire type). The o2 sensor varies it's output from 0VDC to 1VDC based on it's reading. The problem with the gauge is it samples too frequently and the display is almost useless. If I could build something that takes the output from the o2 sensor and 'level' it (only take 1 reading per second and output that reading to the gauge until the next reading), I think it would stabilize the display and make it more usable.

Thanks,

Wayne

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