

Re: switching

Source: <http://sci.tech-archive.net/Archive/sci.electronics.basics/2008-06/msg00573.html>

- *From:* mrdarrett@xxxxxxxxxx
 - *Date:* Thu, 26 Jun 2008 13:10:51 -0700 (PDT)
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On Jun 26, 12:20 pm, lili...@xxxxxxxxxx wrote:

Hello everybody,

I have a set of battery, but I only one hooked up to the circuit, The other one act as a backup. I want to implement an electronic unit that will change (swap) the batteries. Therefore the wiring will need to be changed. The circuit need to support 5amp of continuous current. Here is what I want to implement.

from:
A to C
B to D

to:
A to D
B to C

Is it better to use a analogue or digital switching approach. I am just worried that digital might take too much energy by keeping those transistor or mosfet open and close.

Li

You mean something like this? (view in fixed-width font, for example, with Notepad)

```

+----+ +-----+ +----+
|(+)|---switch A---| |---switch C---|(+)|
|| |Load| ||
|||||
|(-)|---switch B---| |---switch D---| |
+-----+ +-----+ +----+

```

Batt 1 Batt 2

Re: switching

Michael

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