Description:

This little PCB houses two optical switching circuits. Designed to work with the Rullywow.com “Queen of Bone” PCB, this PCB can also work with any of your favorite 2-in-1 projects. It basically is two “Detour” bypass circuits, with side one feeding side two. For more information, see the Detour build doc on www.rullywow.com.
Footswitch:

Is an Alpha DPDT (or compatible) with part number SF12011DF-0202-20R-L-011 or equivalent. They have silky smooth action and look like this:

![Footswitch Image]

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**Table: Capacitors, Resistors, Octocouplers**

<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
<th>Type</th>
<th>Location</th>
<th>Value</th>
<th>Location</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1, C2</td>
<td>220nF</td>
<td></td>
<td>R1, R2</td>
<td>4k7</td>
<td>OC1, OC2</td>
<td>TLP222G</td>
</tr>
</tbody>
</table>

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**Diagram:**

![Diagram Image]
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- PCBs from www.rullywow.com are intended for DIY use and are not allowed for commercial resale. It is OK to build (and sell) a few pedals for your friends, bandmates, yourself (that is what the DIY guitar pedal community is all about!)