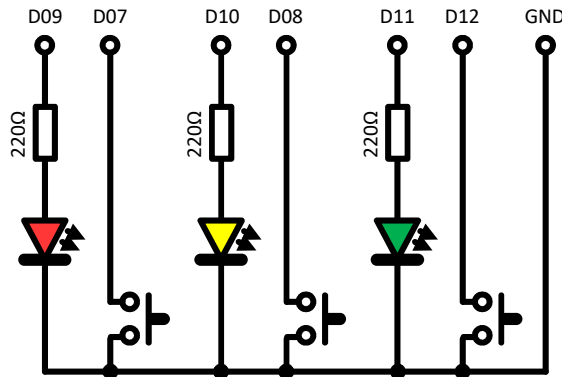


3 Channel LED & Button Switch Strip

NANO Circuits 000

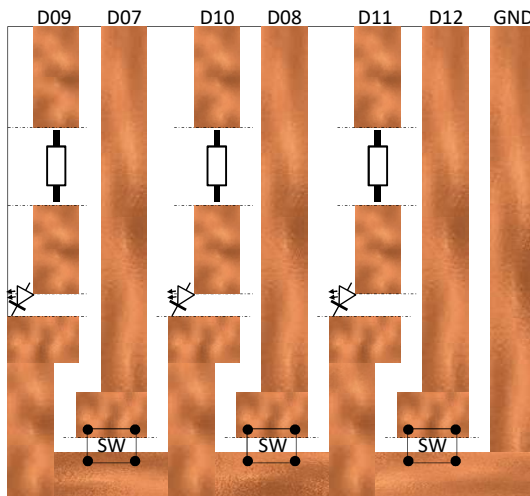
Circuit Diagram:



Notes:

- You can build this board using the same or different coloured LEDs. In this example I wanted to make a traffic light, so I used a red, yellow and green LED. Note that the forward voltage drop of LEDs is dependant on their colour, so you may want to use different resistor values in order to keep the currents the same and have similar brightness levels. A nominal resistor value is 220 ohms.
- The template includes dotted lines to indicate cut points for the copper foil.
- You can use a nail or similar pointed object to perforate the card for the switch contacts. If they pass through the card they can be bent over for extra security.
- If you have access to a 3-D printer you can print the component mounts.

Card Template:



W = 69.9mm H = 62.3mm

Card Assembled:

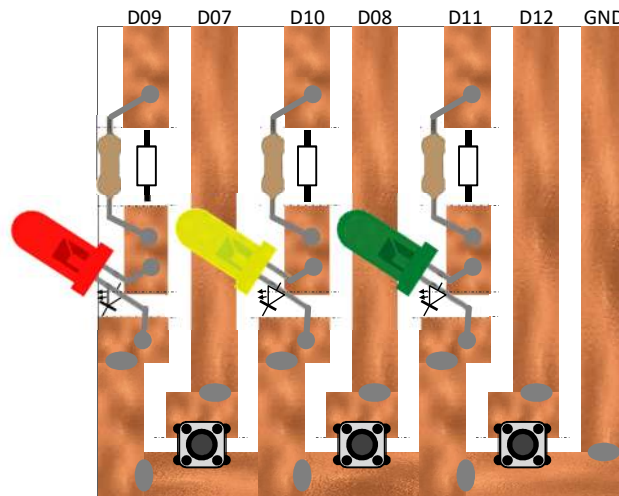


Photo:

