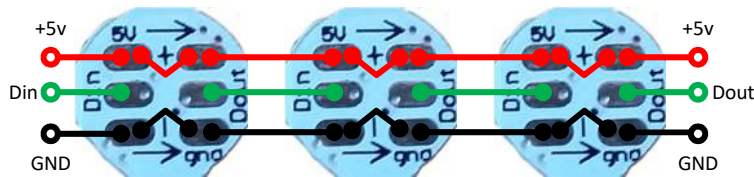


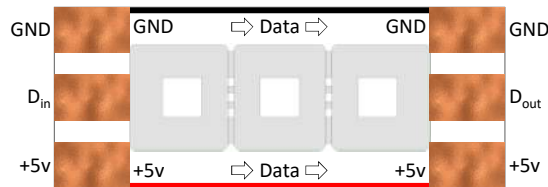
## Circuit Diagram:



## Notes:

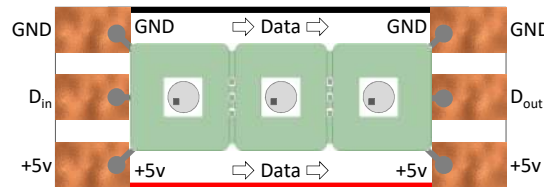
- Programmable RGB LEDs are used in many applications these days as they can display a wide range of colours, as well white light and dim primary colours.
- They are connected together with only three wires in a daisy chain, with serial data being passed along the data line from chip to chip.
- The small contacts are quite tricky to solder, but here they are retained in a 3-D printed mount, which makes the process a little easier.
- The NANO is capable of writing data to more than a hundred devices, but watch for power losses in the wiring on long runs, which may need capacitors at regular points between power lines and even thicker gauge wiring.

## Card Template:



W = 59.6mm H = 23.9mm

## Card Assembled:



## Photo:

