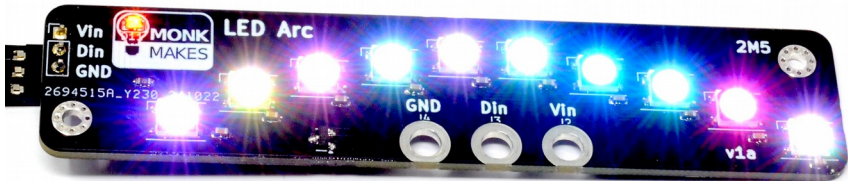


# Datasheet:



## LED Arc

V1A



This 10 LED, multi-color arc with pin header and ring connectors, is designed to work with BBC micro:bit, Raspberry Pi Pico, ESP32 and Arduino.

- 10 individually controllable LEDs (SK6812)
- 4mm Ring connector for BBC micro:bit and Adafruit Circuit Playground boards
- Pin Header connector for other microcontroller boards
- Reverse polarity protection
- Power indicator LED
- Compatible with Adafruit and other addressable LED libraries
- 3.3V and 5V operation

### Absolute Maximum Ratings

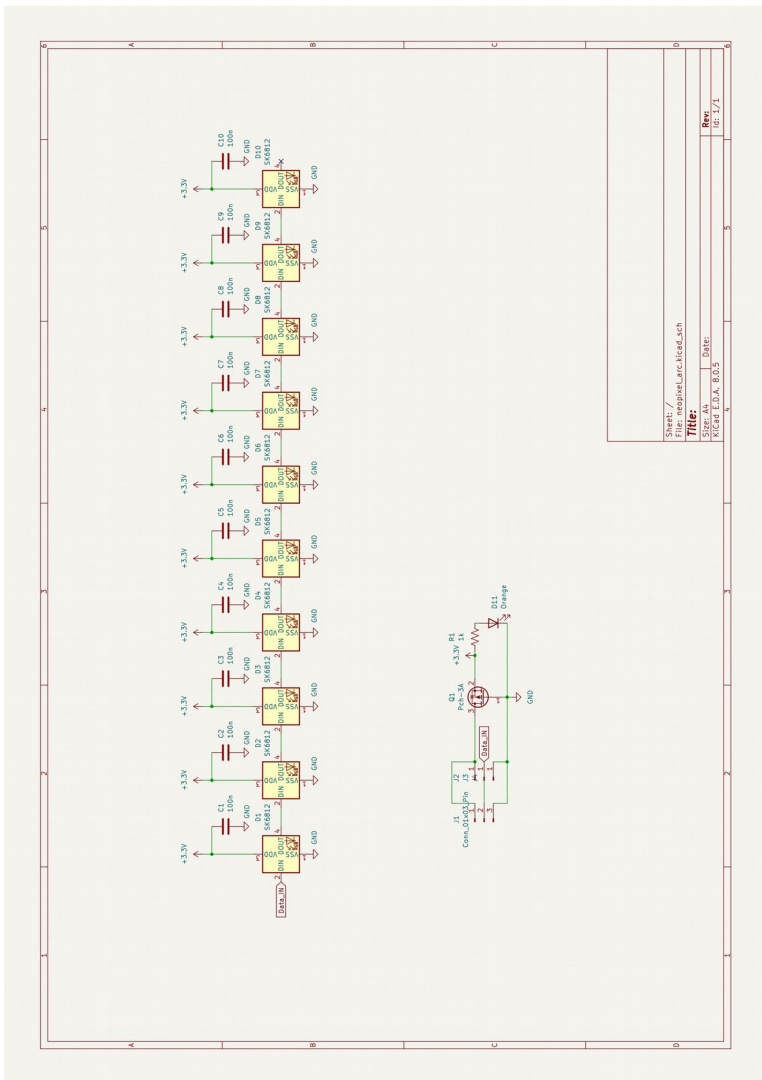
		Units
Maximum Supply voltage	5.5	V
Minimum Supply voltage (heavy orange tint)	2.5	V

### Electrical Characteristic

		Units
Quiescent current at 5V, all LEDs off.	9	mA
Quiescent current at 3.3V, all LEDs off.	4	mA
Current all LEDs max. brightness, white @3.3V Vin	110	mA
Current all LEDs max. brightness, white @5V Vin	340	mA



# Schematic v1a



**Mechanical**

