If you're sourcing this project yourself, make sure to read the datasheet of the RGB LEDs as the order of the colors may differ. The diode voltages may differ as well, so please make sure to do your own calculations for the values of the current limiting resistors.

Max. Diode current
- R: 30mA
- G: 30mA
- B: 30mA

Typ. Diode forward voltage
- R: 2V
- G: 3V
- B: 3V

Rmin
- R = (12V - (3*2V))/25mA = 240R
- G = (12V - (3*3V))/25mA = 120R
- B = (12V - (3*3V))/25mA = 120R

All resistors 1206 1% 250mW
All capacitors 1206 25V MLCC

Typ. Diode forward voltage
- R 2V
- G 3V
- B 3V

Max. Diode current
- R 30mA
- G 30mA
- B 30mA

All current measurement resistors
- 1V/10mA
- 100mV/10mA
- 10mV/mA

Typ. Diode forward voltage
- R 2V
- G 3V
- B 3V

Max. Diode current
- R 30mA
- G 30mA
- B 30mA

All current measurement resistors
- 1V/10mA
- 100mV/10mA
- 10mV/mA