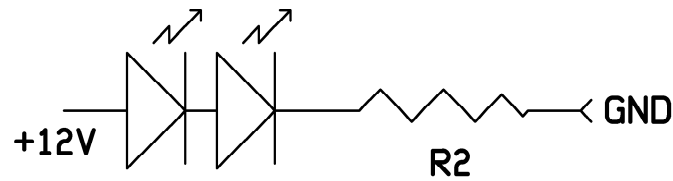
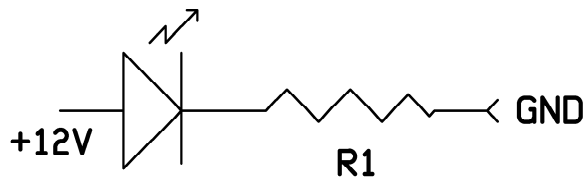


**LED FORWARD VOLTAGE/CURRENT**

RED = 2.2V      I=100mA  
 BLUE = 3.2V      I=20mA  
 ORANGE = 2.1V      I=20mA

THE 7 LEDS INCLUDED IN THE CP-SIGHTer KIT ARE ALL ULTRABRIGHT LEDS WITH CLEAR BODYS. YOU WILL NEED TO PUT THEM IN A TEST CIRCUIT TO DETERMINE THE COLOR. WHEN MOUNTING THEM INTO THE CIRCUIT YOU CAN USE A SINGLE LED OR FOR MORE BRILLIANCE 2 LEDS IN SERIES.



1 BLUE LED (12-3.2)/.020 [20mA]      R1=430 OHMS  
 2 BLUE LEDS (12-2\*3.2)/.020 [20mA]      R2=270 OHMS

1 RED LED (12-2.1)/.1 [100mA]      R1=100 OHMS  
 2 RED LEDS (12-2\*2.1)/.1 [100mA]      R2=75 OHMS

1 ORANGE LED (12-2.1)/.020 [20mA]      R1=470 OHMS

Drill tape data			
Tool Code	Hole Size	Sym bol	Hole Count

Board type: FR4  
 Board thickness: .062"  
 Copper weight: 2oz  
 Layer count: 2

All dimensions are in inches.

Board should have green solder mask over bare copper (SMOBC) with white silk screening on top.

View is from the top side of the board.

Co:	QRPme.com
Title:	CP SIGHTer LEDs
Board:	LEDs
Revision:	A
Drawn:	W1REX
Size:	A
Date:	3/23/2024
Sheet	1 of 1