

# Component list

Source Data From: RGB\_SL.PrjPcb  
Project: RGB\_SL.PrjPcb  
Variant: No DIPs

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#	Category	Manufacturer 1	Manufacturer Part Number 1	Case/Package	Description	Quantity
1	Capacitors	<a href="#">Vishay Sprague</a>	<a href="#">293D106X96R3A2TE3</a>	1206	CAP TANT 10UF 6.3V 10% 1206	1
2	Capasitors	<a href="#">Vishay Vitramon</a>	<a href="#">VJ0805Y104KXAAT</a>	0805	Ceramic Cap 0.1uF 50 V 10% MLCC - SMD/SMT	4
3	Capasitors	<a href="#">Vishay</a>	<a href="#">VJ0805A220JXACW1BC</a>	0805	Ceramic Cap 22 pF 50 V ±5 % Tolerance COG/NPO SMT Multilayer	2
4	Crystals	<a href="#">ECS International</a>	<a href="#">ECS-160-20-5PX-TR</a>	HC-49/US	CRYSTAL 16.0000MHZ 20PF SMD	1
5	Diodes	<a href="#">ON Semiconductor</a>	<a href="#">MBRA210LT3G</a>	CASE 403D SMA	DIODE SCHOTTKY 10V 2A SMA	1
6	Integrated Circuits	<a href="#">Microchip</a>	<a href="#">ATMEGA328P-AUR</a>	TQFP	IC MCU 8BIT 32KB FLASH 32TQFP	1
7	MOSFETs	<a href="#">ON Semiconductor / Fairchild</a>	<a href="#">NDP6020P</a>	TO-220AB	MOSFET P-Ch LL FET Enhancement Mode	1
8	NTC Thermistors	<a href="#">Canadian Thermostats</a>	<a href="#">MF52A1104J3950</a>		THERMISTOR 100K OHM 5% BEAD	1
9	Optoelectronics	<a href="#">VCC CHML</a>	<a href="#">CMD17-21VGD/TR8</a>	0805	LED GREEN DIFFUSED 0805 SMD	1
10	Resistors	<a href="#">Vishay</a>	<a href="#">TNPW0805100KFEEA</a>	0805	RES SMD 100K Ohm 1% 0.2W(1/5W) ±25ppm/C Sulfur Resistant Conformal Coated Pad SMD Automotive Medical T/R	1
11	Resistors	<a href="#">Vishay Dale</a>	<a href="#">CRCW080510K0FKTA</a>	0805	RES SMD 10K OHM 1% 1/8W 0805	2
12	Resistors	<a href="#">Vishay Dale</a>	<a href="#">CRCW08051K00FKEA</a>	0805	RES SMD 1K OHM 1% 1/8W 0805	1
13	Resistors	<a href="#">Vishay</a>	<a href="#">CRCW08054K70JNEAC</a>	0805	RES SMD 4.7K Ohm 5% 1/8W ±200ppm/°C Molded SMD Paper T/R	1
14	Resistors	<a href="#">Vishay</a>	<a href="#">CRCW0805510RFKEA</a>	0805	RES SMD 510 OHM 1% 1/8W 0805	1
15	Resistors	<a href="#">Vishay Semiconductors</a>	<a href="#">CRCW1206100RFKEAC</a>	1206	RES SMD 100 OHM 1% 1/4W 1206	8
16	Resistors	<a href="#">Vishay Semiconductors</a>	<a href="#">CRCW1206270RFKEAC</a>	1206	RES SMD 270 OHM 1% 1/4W 1206	4
17	Sw itches	<a href="#">TE Connectivity</a>	<a href="#">FSMSMTR</a>	SMD/SMT	SWITCH TACTILE SPST-NO 0.05A 24V	1
18	Transistors	<a href="#">Infineon</a>	<a href="#">BC847AE6327HTSA1</a>	SOT-23-3	Trans NPN 45V 0.1A Automotive 3-Pin SOT-23 T/R GPBJT	1
						33

Comment