

| Reference | Manufacturer | Quantity | P/N | Package | Specification | Remark |
|---|------------------|----------|--------------------------------|----------------|--|--|
| LED1, LED2, LED3, LED4 | Cree LED | 4 | JB2835BWT-N-U27EA0000-N000P001 | 3528M(1411) | LED Lighting J White, Warm 2700K 3-Step MacAdam Ellipse 2.7V 55mA 120° | |
| LED5, LED6, LED7, LED8 | Cree LED | 4 | JB2835BWT-N-U65EA0000-N000P001 | 3528M(1411) | LED Lighting J White, Cool 6500K 3-Step MacAdam Ellipse 2.7V 55mA 120° | |
| U1, U2 | TI | 2 | TPS922052DYR | 14-SOT-23-THIN | LED Driver IC, 1 Output DC DC Regulator (Buck), Analog and PWM Dimming, 2A | |
| U3, U4, U5, U6, U7, U8, U9, U10, U11, U12 | Worldsemi | 10 | WS2812B | 5.0x5.0mm | Addressable Lighting (RGB), 5V | Option |
| | iPixel LED Light | 10 | SK6812RGB | 5.0x5.0mm | Addressable Lighting (RGB), 5V | Alternative |
| | iPixel LED Light | 10 | SK6812RGBW-BW | 5.0x5.0mm | Addressable Lighting (RGBW), Blue White(6000K-7000K), 5V | Option |
| | iPixel LED Light | 10 | SK6812RGBW-NW | 5.0x5.0mm | Addressable Lighting (RGBW), Natural White(4000K-4500K), 5V | Option |
| | iPixel LED Light | 10 | SK6812RGBW-WS | 5.0x5.0mm | Addressable Lighting (RGBW), Warm Sunlight(2700K-3000K), 5V | Option |
| | Würth Elektronik | 10 | 1315050930002 | 5.0x5.0mm | Addressable Lighting (RGB), 5V | Alternative, Note the mounting orientation |
| CN1 | JST | 1 | S10B-PHDSS | | Connector Header Through Hole, Right Angle, 10 position, 2.00mm | |