

JEREMY'S ARDUINO TUTORIAL SERIES

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EPISODE 14: LIGHTS AND SOUNDS HOLIDAY SPECIAL

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Youtube: http://www.youtube.com/watch?v=CoG_Czr7z0

PARTS LIST

1. Arduino Uno: <http://us.element-14.com/arduino/a000046/arduino-uno-board/dp/13T9285>
2. USB Cable: <http://us.element-14.com/jsp/search/productdetail.jsp?SKU=73H0884>
3. Arduino Software: <http://arduino.cc/en/Main/Software>
4. Breadboard: <http://us.element-14.com/jsp/search/productdetail.jsp?SKU=17C6965>
5. Jumper Kit: <http://us.element-14.com/3m/923351-i/pcb-accessories/dp/65F2290>
6. 10k ohm Resistor (x2): <http://us.element-14.com/multicomp/mccfr0w4j0103a50/resistor-carbon-film-10kohm-250mw/dp/58K5002>
7. 100 ohm Resistor (x2): <http://us.element14.com/multicomp/mccfr0w4j0101a50/resistor-carbon-film-100ohm-250mw/dp/58K5000?Ntt=MCCFR0W4J0101A50>
8. 10k ohm Potentiometer (x2): <http://us.element14.com/multicomp/mcwiw1028-f-103-lf/trimmer-potentiometer-10kohm-1turn/dp/05N1589>
9. 220 ohm Resistor (x2): <http://us.element14.com/multicomp/mccfr0w4j0221a50/resistor-carbon-film-220ohm-250mw/dp/58K5029?Ntt=MCCFR0W4J0221A50>
10. Green LED: <http://us.element14.com/jsp/search/productdetail.jsp?SKU=30K0645>
11. Red LED: <http://us.element14.com/chicago-miniature-lighting/4308h1/led-5mm-red-240mcd-645nm/dp/93K6779>
12. Phono Jack: <http://us.element14.com/spc-technology/spc21348/connector-rca-phono-jack-3way/dp/11M0543>
13. 10uF Capacitor: <http://us.element14.com/rubycon/50yk10m5x11/capacitor-alum-elec-10uf-50v-radial/dp/38M6808?Ntt=50YK10M5X11>
14. LM324 Op Amp: <http://us.element14.com/texas-instruments/lm324an/ic-op-amp-1-2mhz-0-5v-%C2%B5s-dip-14/dp/43K5293>
15. Addressable RGB LED Light Strip (W32801), 25 Pixel Version: <http://www.adafruit.com/products/322>
16. 5V, 2A Power supply Suitable for 25 Pixel Version: <http://www.adafruit.com/products/276>
17. Screw Terminal Power Supply Adapter (for using above supply): <http://www.adafruit.com/products/368>