## JEREMY'S ARDUINO TUTORIAL SERIES

Sponsored by element14

**EPISODE 8: SPI INTERFACES** 

## WATCH THIS EPISODE

Youtube: <a href="http://www.youtube.com/watch?v=1nO2SSExEnQ">http://www.youtube.com/watch?v=1nO2SSExEnQ</a>

## **PARTS LIST**

- 1. Arduino Uno: <a href="http://us.element-14.com/arduino/a000046/arduino-uno-board/dp/13T9285">http://us.element-14.com/arduino/a000046/arduino-uno-board/dp/13T9285</a>
- 2. USB Cable: <a href="http://us.element-14.com/jsp/search/productdetail.jsp?SKU=73H0884">http://us.element-14.com/jsp/search/productdetail.jsp?SKU=73H0884</a>
- 3. Arduino Software: http://arduino.cc/en/Main/Software
- 4. Eagle CAD Software: <a href="http://www.cadsoft.de/download.htm">http://www.cadsoft.de/download.htm</a>
- 5. Breadboard: <a href="http://us.element-14.com/jsp/search/productdetail.jsp?SKU=17C6965">http://us.element-14.com/jsp/search/productdetail.jsp?SKU=17C6965</a>
- 6. LEDs: <a href="http://us.element-14.com/jsp/search/productdetail.jsp?SKU=30K0645">http://us.element-14.com/jsp/search/productdetail.jsp?SKU=30K0645</a>
- 220 ohm Resistor: <a href="http://us.element-14.com/multicomp/mccfr0w4j0221a50/resistor-carbon-film-2200hm-250mw/dp/58K5029">http://us.element-14.com/multicomp/mccfr0w4j0221a50/resistor-carbon-film-2200hm-250mw/dp/58K5029</a>
- 8. 10k ohm Resistor: <a href="http://us.element-14.com/multicomp/mccfr0w4j0103a50/resistor-carbon-film-10kohm-250mw/dp/58K5002">http://us.element-14.com/multicomp/mccfr0w4j0103a50/resistor-carbon-film-10kohm-250mw/dp/58K5002</a>
- 9. AD5204 Digital Pot: <a href="http://us.element-14.com/analog-devices/ad5204brz10/ic-digital-pot-10kohm-256-quad/dp/19M0789?Ntt=AD5204">http://us.element-14.com/analog-devices/ad5204brz10/ic-digital-pot-10kohm-256-quad/dp/19M0789?Ntt=AD5204</a>
- 10. Jumper Kit: <a href="http://us.element-14.com/3m/923351-i/pcb-accessories/dp/65F2290">http://us.element-14.com/3m/923351-i/pcb-accessories/dp/65F2290</a>