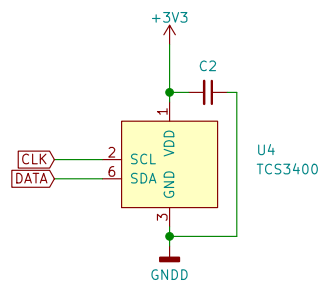
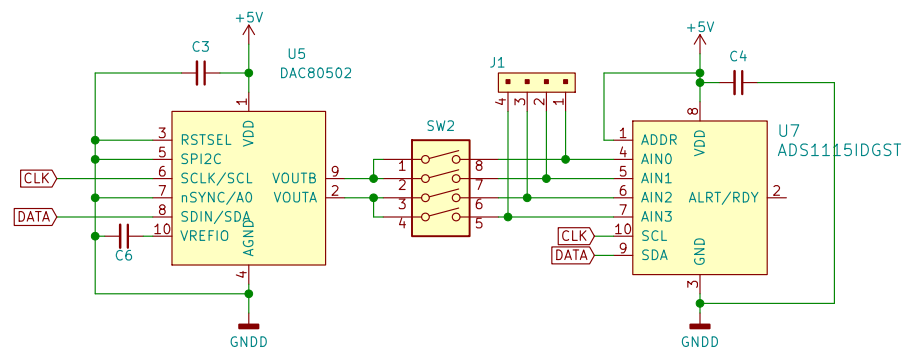


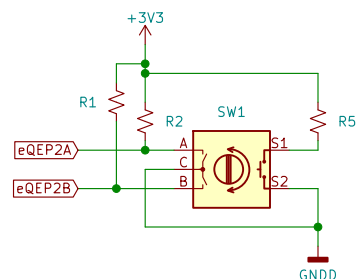
**Environmental Sensor = VOC Gas, Pressure, Humidity, Temperature**  
**ADDR: 0x76/0x77**



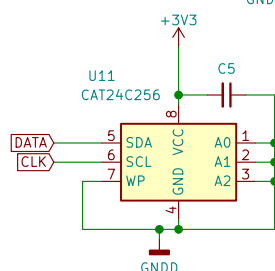
**Light Sensor = Color + NIR**  
**ADDR: 0x29/0x39**



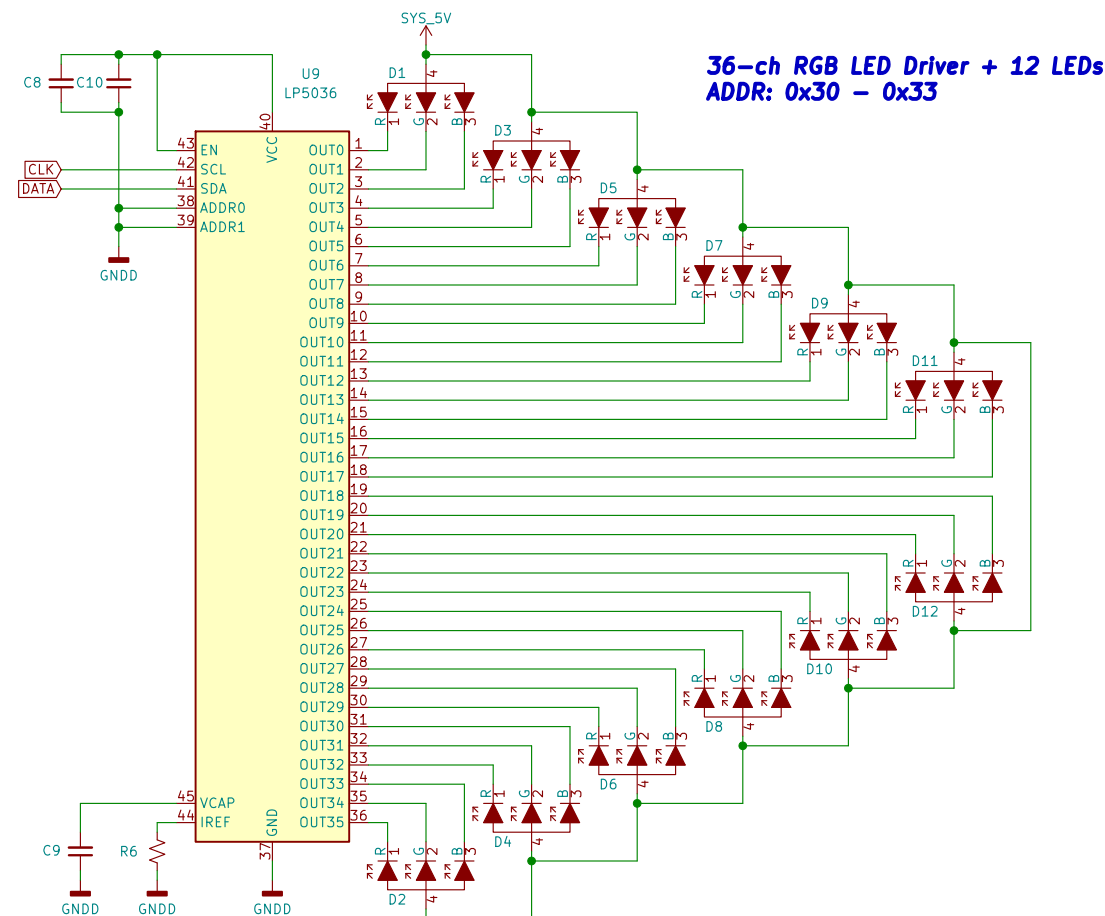
**Data Converters = 16-bit DAC + 16-bit ADC**  
**DAC ADDR: 0x48/0x49/0x4A/0x4B**  
**ADC ADDR: 0x48/0x49/0x4A/0x4B**



**Rotary Encoder w/ Switch**

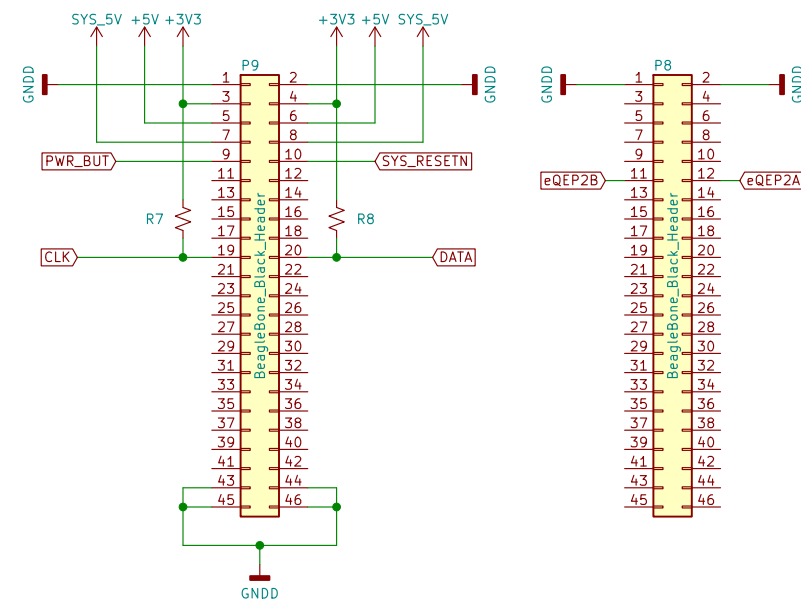


**EEPROM**  
**ADDR: 0x50**



**36-ch RGB LED Driver + 12 LEDs**  
**ADDR: 0x30 - 0x33**

**BeagleBoard Cape Headers**



illya kovarik  
 Prof Tim Chadwick  
**This is a cape that fits atop a BeagleBone pocket computer**  
 Sheet: /  
 File: S\_Cape.sch

**Title: Seven Senses Cape**

Size: USLedger Date: March 23, 2020  
 KiCad E.D.A. kicad (5.1.4)-1

**Rev: E1**  
 Id: 1/1

