

## MSP430 Color Sensor

At the onset our intention was to create a device that would be able to give you the RGB values of a color with the help of a RGB LED and a LDR. What we ended up getting was something that sort of worked. The biggest issue we ran in to was ambient lighting, since if there was too much light around it would mess with the results. In order to get more accurate results we needed to be in an area with little or no ambient light. The results we were able to achieve more often than not ended up being colors the closely resembled the color which we were measuring, perhaps a few shades darker. As for demoing the before mentioned ambient light issue makes it rather difficult to effectively demonstrate what we got, however we did take a short video in order to help show that we are able to get reasonable results from our project.