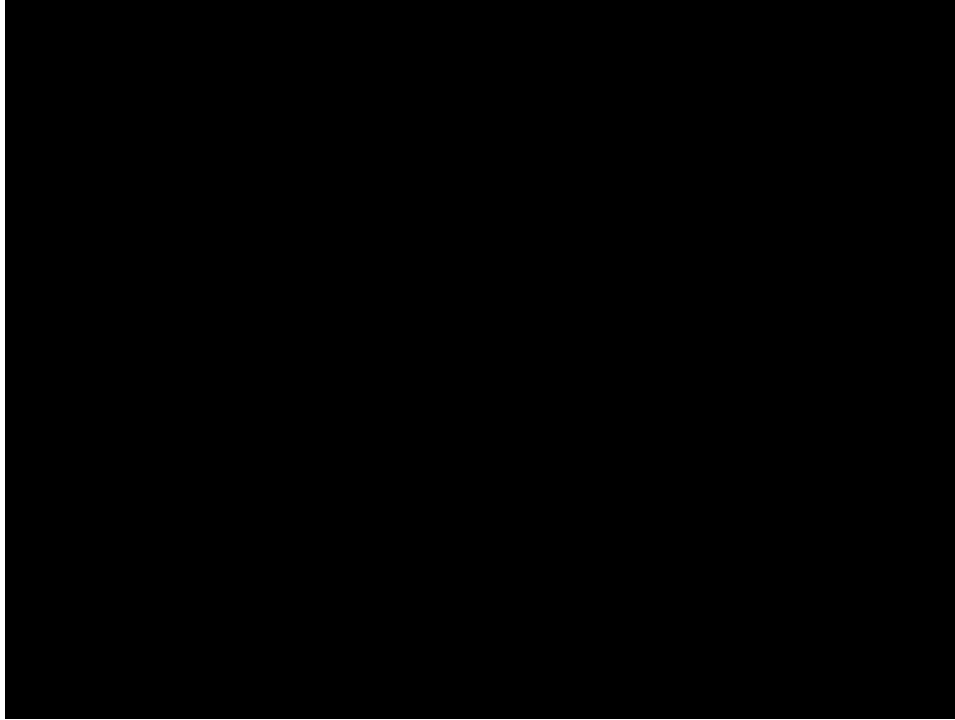


Heart Rate Sensor

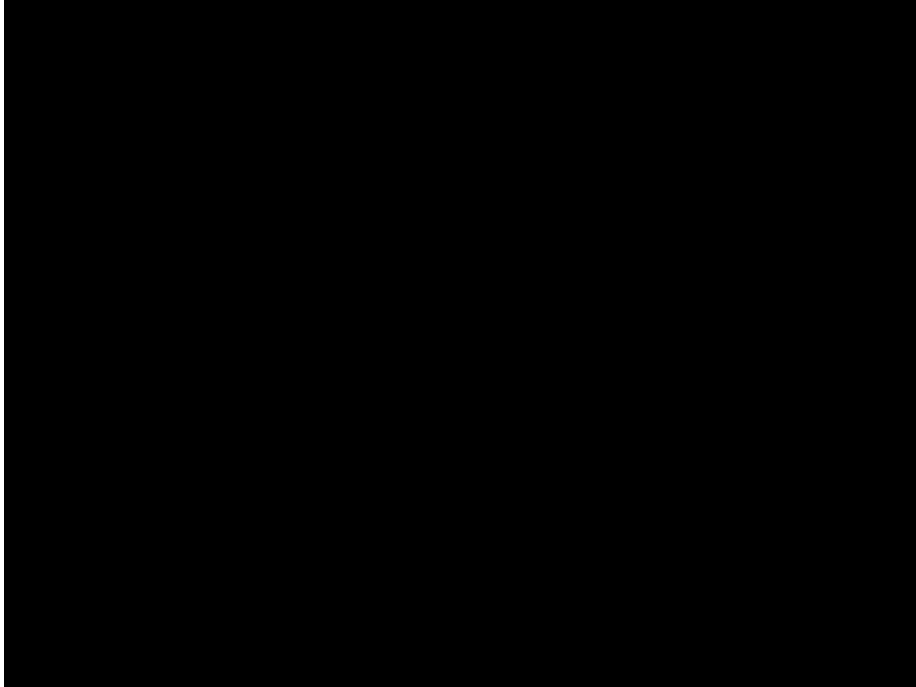
Outline

- Original Heart Rate Sensor
- Updated Heart Rate Sensor

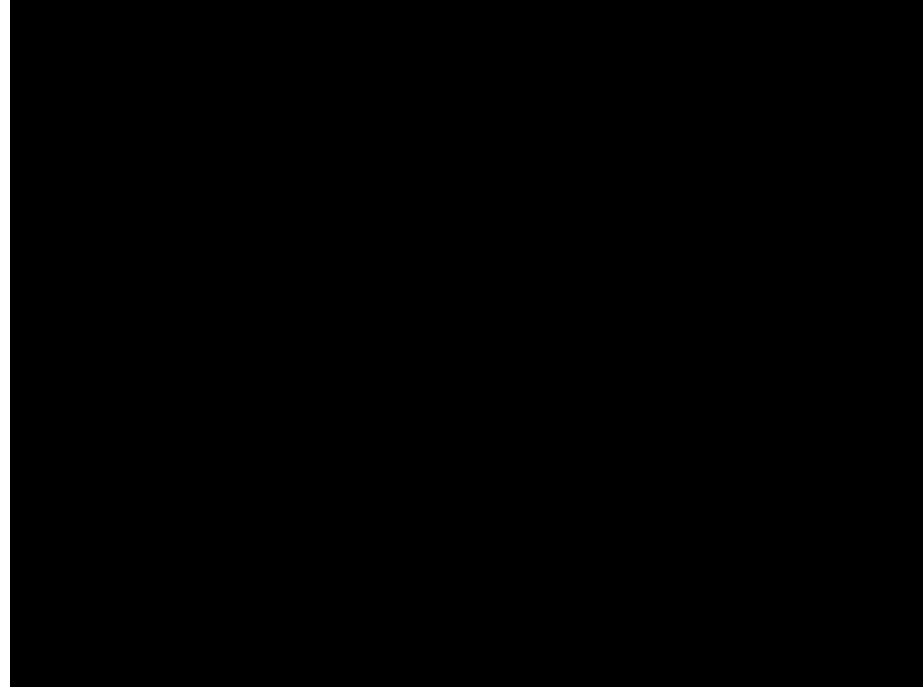
Original Heart Rate Sensor



Updated Heart Rate Sensor



CapSense Demonstration



Wake Up Demonstration

Conclusion

- Original used a WDT and interrupt to increment the heart rate every second.
- The updated sensor uses CapSense to change the heart rate when pressed.
- All code can be found on [GitHub](#).