

Sites

1. Mouser – general electronics – www.mouser.com
2. Digikey – general electronics, sensors – www.digikey.com
3. Jameco – electronics, and robotics – www.jameco.com
4. Arduino – Italian company with the microcontrollers – www.arduino.cc – these parts are actually purchased from www.amazon.com
5. Trossen – miniature robotics – www.trossenrobotics.com
6. Small Parts – small mechanical parts – www.smallparts.com

Dates

- Nov 6 – Due date for a preliminary proposal
- Nov 11 – parts list due
- Nov 29 – Have major prototype done, and a 4 page report on the operation and lessons learned
- Dec 2 – poster session for projects

References

The PIP A Biosensor that Helps You Relax Through Play. by Galvanic — Kickstarter
<http://www.kickstarter.com/projects/484175508/the-pip-a-biosensor-that-helps-you-relax-through-p>

Electrodermal Activity Meter

https://courses.cit.cornell.edu/ee476/FinalProjects/s2006/hmm32_pjw32/index.html#SHDesign

MAKE Biosensing

<http://archive.makezine.com/26/primer/>

(VIDEO)

Galvanic skin response readings via Arduino MAKE

<http://makezine.com/2009/05/06/galvanic-skin-response-readings-via/>

Biometric signals with Arduino heart rate and Galvanic Skin Response Les Paysages

Pulsionnels

<http://paysagespulsionnels.wordpress.com/2011/09/05/biometric-signals-with-arduino-heart-rate-and-galvanic-skin-response/>

Physiological Signals of Stress

http://cdn.intechopen.com/pdfs/17036/InTech-Real_time_stress_detection_by_means_of_physiological_signals.pdf

Parts

Description	URL	Price	Quantity
LED - RGB Clear Common Cathode - COM-00105 - SparkFun Electronics	https://www.sparkfun.com/products/105	\$1.95	
Pulse Sensor	https://www.sparkfun.com/products/11574	\$24.95	1?
Thermistor 10K - SEN-00250 - SparkFun Electronics.htm	https://www.sparkfun.com/products/250	\$1.95	3
Humidity and Temperature Sensor - RHT03	https://www.sparkfun.com/products/10167	\$9.95	1?
	http://amzn.com/B003YVL34O		