Pulse Game

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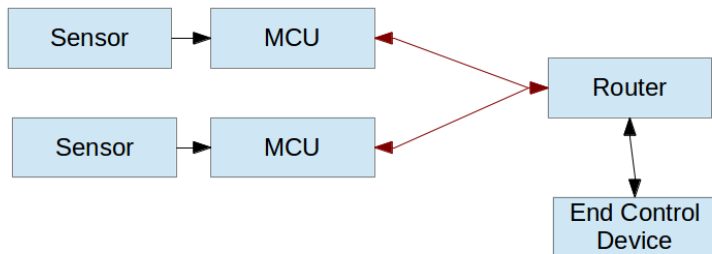
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Motivation

- Measuring a human heart pulse
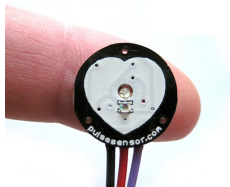- Data processing on sensor and off sensor
- A game of patience

Design

Sensor

1. Analog
2. Optical Sensing
3. Pre Amplified

MCU

1. Tinyos
2. MSP430 / Telosb

References

📄 Heart Image,http://liljohnroberts.com/purposemusic

📄 Pulse Sensor, http://pulsesensor.com/products/pulse-sensor-amped

📄 Telosb Image,
http://www.memsic.com/wireless-sensor-networks/TPR2420