

Low Cost Digital Thermometer and ECG

Contact Person

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Team

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Week

April 9 to April 16, 2009

Problem Statement

Emerging countries are in need of a durable, low-cost thermometer to operate with the MedCal, a handheld medical output device. The thermometer's incorporated circuitry should produce accurate temperature measurements through the use of a human interface.

Last Week's Goals

- Alter circuit to lower power inputs
- Send circuit out to be written on circuit board
- Continue work on algorithm
- Decide on casing materials

Accomplishments

- Began writing algorithm
- Created poster for Engineering Expo
- Near completion of circuitry

This Week's Goals

- Begin construction of prototype casings
- Testing and calibration of circuitry
- Continue algorithm work

