

Microwave non-invasive glucose sensor

Background

Diabetes is serious medical condition. According to reports, more than 420 million people are diagnosed with it. Typically, people use needles to sample blood and measure. It is unpleasant especially for one who needs to frequently monitor blood glucose. With microwave technology, a non-invasive sensor becomes possible. It can also support continuous glucose monitoring (CGM).

Tasks

Paper study, design and implement a glucose sensor.
The tasks may involve :

- Circuit design
- Signal processing
- Experiment



[source:wikipedia]

Contact

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