

Abstract

An ECG (electrocardiogram) is a common test used to test heart function by testing the heart's electrical activity for a certain time. It is told that in the process provided by noise, therefore there are several screening processes to reduce the impact of noise. To overcome this problem, this final project was built to reduce the impact of noise and make improvements between the two filters, namely Notch Filter and Bandpass Filter so that it can find the differences between the two filters. The purpose of this Final Project is to be able to distinguish this filter from the ECG and the Peak Detection graph. In order to draw conclusions which filter is better than the second filter