

# McPhail Trap Main Board v1.0

Collect, analyze, and report back the environmental data.

This is an attempt to reproduce the work of identifying fruit flies from the following papers:

- 2017: [Automated Surveillance of Fruit Flies](#)
- 2015: [Insect Biometrics: Optoacoustic Signal Processing and its Applications to Remote Monitoring of McPhail Type Traps](#)
- 2014: [The Electronic McPhail Trap](#)
- 1979: [Optical Tachometer for Measurement of Wingbeat Frequency of Free-Flying Insects](#)

## Bill of Materials

## Assembly Info for Quoting

*Assembly Diagram*

*Gerber Preview*